

INDEKS BIOLOGI DAN PERTANIAN INDONESIA
(Indonesian Biological and Agricultural Index)

Vol. 40, No. 2

Tahun 2010



Departemen Pertanian
PUSAT PERPUSTAKAAN DAN PENYEBARAN TEKNOLOGI PERTANIAN
Jalan Ir. H. Juanda 20, Bogor 16122, Indonesia

**INDEKS BIOLOGI DAN PERTANIAN
INDONESIA**

(Indonesian Biological and Agricultural
Index)

ISSN 0216-0803

Terbit sejak tahun 1969

Penanggung Jawab :

Ir. Ning Pribadi, M.Sc.

Kepala Pusat Perpustakaan dan
Penyebaran Teknologi Pertanian

Penyusun :

Hendrawaty
Siti Rochanah
Kurniati
Sri Hardianti

Alamat Redaksi :

Pusat Perpustakaan dan Penyebaran
Teknologi Pertanian
Jl. Ir. H. Juanda 20
B O G O R - 16122

Telepon No. : (0251) 8321746
Facsimile : 62-0251-8326561

Kata Pengantar

Indeks Biologi dan Pertanian Indonesia ini terbit tiga nomor setahun, berisi judul-judul karangan mengenai biologi dan pertanian di Indonesia yang dimuat dalam berbagai penerbitan dalam maupun luar negeri.

Indeks ini disusun menurut skema pembagian subyek dari AGRIS (The International Information System for Agricultural Sciences and Technology) dan masing-masing entri dilengkapi dengan kata kunci yang menggambarkan isi karangan. Kata kunci ini diambil dari AGROVOC edisi ke-4 tahun 1999, dan dipakai pula untuk indeks subyeknya.

Untuk menelusuri suatu karangan yang diinginkan, pengguna dapat mencarinya dari indeks pengarang dan indeks subyek. Daftar majalah dari karangan-karangan yang dimuat dalam indeks ini juga disertakan.

Semua karangan yang ada di dalam indeks ini ada di Pusat Perpustakaan dan Penyebaran Teknologi Pertanian, dan pengguna yang memerlukan karangan aslinya dapat menghubungi alamat dari Pusat tersebut.

Bogor, 2010

Kepala Pusat Perpustakaan dan
Penyebaran Teknologi Pertanian

TABLE OF CONTENTS/ DAFTAR ISI

	Page/Halaman
A00 AGRICULTURE IN GENERAL / PERTANIAN SECARA UMUM	
A50 AGRICULTURAL RESEARCH / PENELITIAN PERTANIAN	1
E00 ECONOMICS, DEVELOPMENT AND RURAL SOCIOLOGY / EKONOMI PERTANIAN, PEMBANGUNAN DAN SOSIOLOGI PEDESAAN	
E10 AGRICULTURAL ECONOMICS AND POLICIES/ EKONOMI DAN KEBIJAKAN PERTANIAN	1
E11 LAND ECONOMICS AND POLICIES/ EKONOMI DAN KEBIJAKAN LAHAN	2
E13 INVESTMENT, FINANCE AND CREDIT/ INVESTASI, KEUANGAN DAN KREDIT	2
E14 DEVELOPMENT ECONOMICS AND POLICIES/ EKONOMI DAN KEBIJAKAN PEMBANGUNAN	2
E16 PRODUCTION ECONOMICS/ EKONOMI PRODUKSI.....	7
E20 ORGANIZATION, ADMINISTRATION AND MANAGEMENT OF AGRICULTURAL ENTERPRISES OR FARMS/ ORGANISASI, ADMINISTRASI DAN PENGELOLAAN PERUSAHAAN PERTANIAN ATAU USAHA TANI.....	9
E21 AGRO-INDUSTRY/ AGRO-INDUSTRI	15
E50 RURAL SOCIOLOGY AND SOCIAL SECURITY/ SOSIOLOGI PEDESAAN DAN KEAMANAN MASYARAKAT	16
E70 TRADE, MARKETING AND DISTRIBUTION/ PERDAGANGAN, PEMASARAN DAN DISTRIBUSI.....	17
E71 INTERNATIONAL TRADE/ PERDAGANGAN INTERNASIONAL	18
E72 DOMESTIC TRADE/PERDAGANGAN DALAM NEGERI	18
F00 PLANT SCIENCE AND PRODUCTION/ ILMU DAN PRODUKSI TANAMAN	
F01 CROP HUSBANDRY/ BUDI DAYA TANAMAN	18
F02 PLANT PROPAGATION/ PERBANYAKAN TANAMAN	21
F04 FERTILIZING/ PEMUPUKAN	22
F06 IRRIGATION/ IRIGASI	25
F07 SOIL CULTIVATION/PENGOLAHAN TANAH	25
F08 CROPPING PATTERNS AND SYSTEMS/ POLA TANAM DAN SISTEM PERTANAMAN	25
F30 PLANT GENETICS AND BREEDING/ GENETIKA DAN PEMULIAAN TANAMAN	27
F60 PLANT PHYSIOLOGY AND BIOCHEMISTRY/ FISIOLOGI DAN BOKIMIA TANAMAN	30
F61 PLANT PHYSIOLOGY - NUTRITION/ FISIOLOGI TANAMAN – HARA	30
F62 PLANT PHYSIOLOGY-GROWTH AND DEVELOPMENT/ FISIOLOGI TANAMAN-PERTUMBUHAN DAN PERKEMBANGAN	31
F70 PLANT TAXONOMY AND GEOGRAPHY/ TAKSONOMI TANAMAN DAN SEBARAN GEOGRAFIS	31
H00 PLANT PROTECTION/ PERLINDUNGAN TANAMAN	
H01 PROTECTION OF PLANTS GENERAL ASPECTS/ PERLINDUNGAN TANAMAN-ASPEK UMUM.....	31
H10 PESTS OF PLANTS / HAMA TANAMAN	31
H20 PLANT DISEASES/ PENYAKIT TANAMAN.....	34
H60 WEEDS AND WEED CONTROL/ GULMA DAN PENGENDALIAN GULMA....	35

J00 POSTHARVEST TECHNOLOGY/ TEKNOLOGI PASCAPANEN	
J10 HANDLING, TRANSPORT, STORAGE AND PROTECTION OF AGRICULTURAL PRODUCTS/ PENANGANAN,TRANSPOR,PENYIMPANAN DAN PERLINDUNGAN HASIL PERTANIAN	35
J11 HANDLING, TRANSPORT, STORAGE AND PROTECTION OF PLANT PRODUCTS/ PENANGANAN,TRANSPOR,PENYIMPANAN DAN PERLINDUNGAN HASIL TANAMAN	35
K00 FORESTRY/ KEHUTANAN	
K01 FORESTRY-GENERAL ASPECT/ KEHUTANAN-ASPEK UMUM.....	36
K10 FORESTRY PRODUCTION/ PRODUKSI KEHUTANAN	36
L00 ANIMAL SCIENCE, PRODUCTION AND PROTECTION/ ILMU, PRODUKSI DAN PERLINDUNGAN HEWAN	
L01 ANIMAL HUSBANDRY/ PETERNAKAN.....	36
L02 ANIMAL FEEDING/ PAKAN HEWAN	38
L10 ANIMAL GENETICS AND BREEDING/ GENETIKA DAN PEMULIAAN HEWAN	40
L40 ANIMAL STRUCTURE / STRUKTUR HEWAN.....	41
L52 ANIMAL PHYSIOLOGY-GROWTH AND DEVELOPMENT/ FISILOGI – PERTUMBUHAN DAN PERKEMBANGAN HEWAN	42
L53 ANIMAL PHYSIOLOGY-REPRODUCTION/ FISILOGI-REPRODUKSI HEWAN	43
L70 VETERINARY SCIENCE AND HYGIENE-GENERAL ASPECT/ ILMU VETERINER DAN HIGIENE HEWAN-ASPEK UMUM	43
L73 ANIMAL DISEASES/ PENYAKIT HEWAN.....	44
M00 FISHERIES AND AQUACULTURE/ PERIKANAN DAN AKUAKULTUR	
M40 AQUATIC ECOLOGY / EKOLOGI AKUATIK.....	45
N00 AGRICULTURAL MACHINERY AND ENGINEERING/ MESIN DAN ENJINIRING PERTANIAN	
N20 AGRICULTURAL MACHINERY AND EQUIPMENT/ MESIN DAN PERALATAN PERTANIAN.....	45
P00 NATURAL RESOURCES AND ENVIRONMENT/ SUMBER DAYA ALAM DAN LINGKUNGAN	
P01 NATURE CONSERVATION AND LAND RESOURCES/ KONSERVASI ALAM DAN SUMBER DAYA LAHAN.....	46
P05 ENERGY RESOURCES MANAGEMENT / PENGELOLAAN SUMBER DAYA ENERGI.....	46
P06 RENEWABLE ENERGY RESOURCES / SUMBER DAYA ENERGY TERBARUKAN	46
P10 WATER RESOURCES AND MANAGEMENT/ PENGELOLAAN SUMBER DAYA AIR	47
P11 DRAINAGE / DRAINASE.....	48
P33 SOIL CHEMISTRY AND PHYSICS/ KIMIA DAN FISIKA TANAH	48
P34 SOIL BIOLOGY/ BIOLOGI TANAH	49
P35 SOIL FERTILITY/ KESUBURAN TANAH	49
P36 SOIL EROSION, CONSERVATION AND RECLAMATION/ EROSI, KONSERVASI DAN REKLAMASI TANAH.....	50
P40 METEOROLOGY AND CLIMATOLOGY/ METEOROLOGI DAN KLIMATOLOGI	51
Q00 PROCESSING OF AGRICULTURAL PRODUCTS/ PENGOLAHAN PRODUK PERTANIAN	
Q01 FOOD SCIENCE AND TECHNOLOGY / ILMU DAN TEKNOLOGI PANGAN	51

Q02 FOOD PROCESSING AND PRESERVATION/ PENGOLAHAN DAN PENGAWETAN PANGAN.....	52
Q04 FOOD COMPOSITION/ KOMPOSISI PANGAN	54
Q05 FOOD ADDITIVES / ZAT TAMBAHAN PANGAN.....	55
Q52 FEED PROCESSING AND PRESERVATION/ PENGOLAHAN DAN PENGAWETAN PAKAN.....	56
Q55 FEED ADDITIVES / ZAT TAMABAHAN PADA PAKAN.....	56
Q60 PROCESSING OF NON-FOOD OR NON-FEED AGRICULTURAL PRODUCTS/ PENGOLAHAN HASIL PERTANIAN NON-PANGAN ATAU NON-PAKAN	56
Q70 PROCESSING OF AGRICULTURAL WASTES / PENGOLAHAN LIMBAH PERTANIAN.....	57
Q80 PACKAGING/PENGEMASAN	58
T00 POLLUTION/ POLUSI	
T01 POLLUTION/ POLUSI	59
AUTHOR INDEX/ INDEKS PENGARANG	61
SUBJECT INDEX/ INDEKS SUBYEK	71
CORPORATE BODY INDEX/ INDEKS BADAN KORPORASI	83
JOURNAL INDEX/ INDEKS JURNAL.....	85

**A50 AGRICULTURAL RESEARCH /
PENELITIAN PERTANIAN**

301 SURYANA, A. [Policies of technology research and assessment toward agricultural development with agribusiness perspective]. Arah kebijakan penelitian dan pengkajian teknologi menuju pembangunan pertanian berwawasan agribisnis/Suryana, A. (Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Mosofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 7-17 15 ref.
631.17.332.158/SEM/p

INDONESIA; RESEARCH POLICIES;
INNOVATION; TECHNOLOGY
TRANSFER; AGRICULTURAL DEVELOP-
MENT; AGROINDUSTRIAL SECTOR.

**E10 AGRICULTURAL ECONOMICS
AND POLICIES / EKONOMI DAN
KEBIJAKAN PERTANIAN**

302 CHOLIQ, A. [Impact of implementation of food security development program on the use of farm inputs in Central Java]. Dampak penerapan program pengembangan ketahanan pangan (PKP) terhadap penggunaan saprodi di Jawa Tengah/Choliq, A.; Hermawan, A.; Sularno (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)) [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 337-345 6 tables; 7 ref.
631.17.332.158/SEM/p

JAVA; FOOD SECURITY; TECHNOLOGY
TRANSFER; FARMING INPUTS;
FARMING SYSTEMS; CAPITAL

ALLOCATION; INTEREST GROUPS;
CAPITAL PRODUCTIVITY.

303 HADI, P.U. Current position and outlook of Indonesia's estate crop plantation. Posisi dan masa depan pembangunan perkebunan Indonesia/Hadi, P.U.; Supriyati; Zakaria, A.K. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/ Suradisastra, K.; YUSDJA, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 23-43 9 tables; 23 ref.
631.001.6(594)/SEM/p

PLANTATIONS; CROP PERFORMANCE;
PRODUCT DEVELOPMENT; INDONESIA.

304 ISMET, M. [Development of national food security system in increasing to community prosperity]. Membangun sistem ketahanan pangan nasional dalam rangka meningkatkan kesejahteraan rakyat/Ismet, M. (Badan Urusan Logistik, Jakarta (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 15-18 1 table
633.1/4-115.2/SEM/p bkl

FOOD SECURITY; FOOD POLICIES;
FOOD CONSUMPTION; FOOD
PRODUCTION.

305 NURTINI, S. [Output and input policy analysis on domestic milk industry: case study in Yogyakarta special Province]. Analisis kebijakan output dan input pada industri persusuan domestik: studi kasus di Daerah Istimewa Yogyakarta/Nurtini, S. (Universitas Gadjah Mada, Yogyakarta (Indonesia)). Fakultas Peternakan; Widodo, S.; Santosa, K.A.; Masyhuri. [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding

seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo,A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 211-216 6 tables; 9 ref. 631.17.332.158/SEM/p

DAIRY INDUSTRY; INPUT OUTPUT ANALYSIS; POLICIES; DAIRY FARMS; PROFIT; CONSUMERS; JAVA.

306 SAFA'AT, N. Macro indicators of Indonesian agriculture. Indikator makro sektor pertanian Indonesia/Safa'at, N.; Purwoto, A.; Dermoredjo, S.K.; Kariyasa, K.; Maulana, M.; Simatupang, P. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/Suradisastra, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 81-105 7 ill., 14 ref. 631.001.6(594)/SEM/p

AGRICULTURAL SECTOR; AGRICULTURAL DEVELOPMENT; INDONESIA.

E11 LAND ECONOMICS AND POLICIES/ EKONOMI DAN KEBIJAKAN LAHAN

307 NITISAPTO, M. [Evaluation of land suitability for ginger (*Zingiber officinale*) in Central Java and East Java]. Evaluasi kesesuaian lahan untuk pengembangan jahe pada beberapa daerah di Jawa Tengah dan Jawa Timur/Nitisapto, M.; Siradz, S.A. . Jurnal Ilmu Tanah dan Lingkungan (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 15-19 2 tables; 4 ref.

ZINGIBER OFFICINALE; LAND SUITABILITY; SLOPING LAND; JAVA.

E13 INVESTMENT, FINANCE AND CREDIT / INVESTASI, KEUANGAN DAN KREDIT

308 KRISDIANA, R. [Characteristic of consumer preference on soybean demand as industrial raw material in Yogyakarta Special

Province]. Karakteristik preferensi konsumen terhadap permintaan komoditas kedelai sebagai bahan baku industri didaerah istimewa Yogyakarta/Krisdiana, R.; Heriyanto (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)); Wahyuningrum, R.D..[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo,A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 217-222 5 tables; 9 ref. 631.17.332.158/SEM/p

SOYBEAN; SOYFOODS; RAW MATERIALS; INTEREST RATE; CONSUMER BEHAVIOUR; IDENTIFICATION; JAVA.

E14 DEVELOPMENT ECONOMICS AND POLICIES/ EKONOMI DAN KEBIJAKAN PEMBANGUNAN

309 ABDULHADI, R. [Agricultural pattern based on environment condition: an agricultural development strategy in dry land of East Nusa Tenggara Province]. Pola pertanian selaras kondisi alam sebuah strategi pembangunan pertanian di daerah kering Provinsi Nusa Tenggara Timur/Abdulahadi, R.; Wawo, A.H. (Pusat Penelitian dan Pengembangan Biologi-LIPI, Bogor (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 189-198 5 tables; 17 ref. 631.17.332.158/SEM/p

NUSA TENGGARA; AGRICULTURAL DEVELOPMENT; DEVELOPMENT POLICIES; CLIMATIC ZONES; DROUGHT.

310 ABDURACHMAN, A. [Making the agricultural prime as spearhead for increasing rural income]. Menjadikan prima tani sebagai ujung tombak peningkatan pendapatan masyarakat pedesaan/Abdurachman, A.; Mardianto, S.; Jamal, E. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 25-33
631.152/LOK/p c1

RURAL AREAS; FARM INCOME; INNOVATION; TECHNOLOGY; AGRO-INDUSTRIAL SECTOR; IDENTIFICATION.

311 ANANTO, E.E. [Poor farmers income improvement through innovation program as an effort to increase rural community income]. Menjadikan program peningkatan pendapatan petani melalui inovasi (P4MI) sebagai ujung tombak peningkatan pendapatan masyarakat pedesaan/Ananto, E.E. (Badan Litbang Pertanian, Jakarta (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 34-51 4 tables; 16 ref.
631.152/LOK/p c1

RURAL COMMUNITIES; FARM INCOME; INNOVATION; RURAL DEVELOPMENT; POVERTY.

312 ANWAR, H. [Technical and economical feasibility study of sonic bloom technology on integrated crop management area of rice in Sragen]. Uji kelayakan teknis dan ekonomis teknologi sonic bloom pada areal pengelolaan tanaman terpadu padi di Kabupaten Sragen/ Anwar, H.; Yulianto; Iriani, E. (Balai Pengkajian Teknologi Pertanian Jawa Tengah,

Ungaran (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/ Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 253-259 3 ill.; 4 tables.
631.17.332.158/SEM/p

ORYZA SATIVA; INTEGRATED PLANT PRODUCTION; TECHNOLOGY TRANSFER; YIELD COMPONENTS; PRODUCTION INCREASE; ECONOMIC ANALYSIS; JAVA.

313 ARIFIN, M.S. [Chance and challenge of sesame development in lowland]. Peluang dan tantangan pengembangan wijen di lahan sawah sesudah padi/ Arifin, M.S. (Dinas Perkebunan Provinsi Jawa Timur, Surabaya (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/ Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W. (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 14-23 5 tables
633.85/SEM/p

SESAMUM INDICUM; PRODUCTION INCREASE; IRRIGATED LAND; JAVA.

314 BAHTIAR. [Local institution empowerment in accelerating corn seed production technology adoption]. Pemberdayaan lembaga lokal dalam percepatan adopsi teknologi produksi benih jagung/ Bahtiar (Balai Penelitian Tanaman Sereal, Maros (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan

Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 177-186 1 table; 14 ref.
631.152/LOK/p c1

ZEA MAYS; SEED PRODUCTION; TECHNOLOGY TRANSFER; INNOVATION ADOPTION; SOCIAL INSTITUTIONS.

315 DARMAWAN, T. [Overview and implementation of agribusiness agents on research and assessment result]. Pandangan dan implementasi pelaku agribisnis terhadap hasil-hasil penelitian dan pengkajian/ Darmawan, T. (Gabungan Asosiasi Pengusaha Makanan dan Minuman Indonesia, Jakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2005: p. 23-29 5 ill.; 2 tables
631.17.332.158/SEM/p

INDONESIA; ECONOMIC SITUATION; ECONOMIC BEHAVIOUR; PRODUCTION DATA; FARM INCOME; FOOD INDUSTRY; FOOD PRODUCTION; RESEARCH; INNOVATION ADOPTION.

316 FADJAR, U. [Sustainable development in cultural survival perspective]. Sustainable development dalam perspektif cultural survival/Fadjar, U. (Lembaga Riset Perkebunan Indonesia, Bogor (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 123-144 3 ill., 4 tables; 17 ref.
633.72/PER/p

DEVELOPMENT POLICIES; SUSTAINABILITY; NATURAL RESOURCES; SOCIAL BEHAVIOUR; SOCIAL PARTICIPATION.

317 HENDAYANA, R. [Agricultural technology dissemination road map toward progressive farm community]. Lintasan dan peta jalan (road map) diseminasi teknologi pertanian menuju masyarakat tani progresif/Hendayana, R. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 212-222 2 ill., 1 table; 16 ref.
631.152/LOK/p c1

AGRICULTURAL SECTOR; TECHNOLOGY; DIFFUSION OF INFORMATION; RURAL COMMUNITIES.

318 IRIANI, E. [Sonic bloom technology application on tobacco in Kendal Regency]. Penerapan teknologi sonic bloom pada tembakau di Kabupaten Kendal/Iriani, E.; Yulianto; Choliq, A. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 77-82 1 ill.; 2 tables; 6 ref.
631.17.332.158/SEM/p

NICOTIANA TABACUM; SOUND; AGRONOMIC CHARACTERS; QUALITY; TECHNOLOGY TRANSFER; ECONOMIC ANALYSIS.

319 JENIE, U.A. [Role of agricultural science and technology to support regional economic through agribusiness development]. Peranan IPTEK pertanian untuk menunjang ekonomi daerah melalui pengembangan agribisnis/Jenie, U.A. (Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia)).[Proceedings of the national seminar on implementation of

agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 1-6 2 ill.; 1 table
631.17.332.158/SEM/p

INDONESIA; AGROINDUSTRIAL SECTOR; ECONOMIC DEVELOPMENT; RURAL DEVELOPMENT; APPROPRIATE TECHNOLOGY; TECHNOLOGY TRANSFER.

320 LESTARI, I.P. [Study of technological package of organic farming of fruit vegetables in Jakarta]. Kajian paket teknologi pertanian organik pada sayuran buah di DKI Jakarta/Lestari, I.P.; Sastro, Y.; Sugiarti, E. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 228-233 6 tables; 5 ref.
633.1/4-115.2/SEM/p bkl

FRUIT VEGETABLES; ORGANIC AGRICULTURE; APPROPRIATE TECHNOLOGY; AGRONOMIC CHARACTERS; ECONOMIC ANALYSIS; JAVA.

321 MEY, D. [Planning of *Theobroma cacao* development in Northern Wai Apu watersheds, Buru Regency]. Perencanaan pengembangan tanaman kakao di daerah aliran sungai Wai APu bagian utara Kabupaten Buru/Mey, D. (Universitas Haluoleo, Kendari (Indonesia)); Baharudin. [Proceedings of the national seminar and expose of agricultural research results; Book2]. Prosiding seminar nasional dan ekspose hasil penelitian; Buku 2/Syam, A.; Hadadde, I.; Sutisna, E.; Mustaha, M.A.;

Rusastra, I W. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2006: p. 395-412 1 ill., 5 tables; 25 ref. Appendices
631.152/SEM/p bk 2

THEOBROMA CACAO; DEVELOPMENT PLANS; LAND SUITABILITY; SOIL IMPROVEMENT; SOIL ANALYSIS; WATERSHEDS; MALUKU.

322 PRASTOWO, B. [Development of agricultural technology innovation supporting commodities development for biofuel]. Pengembangan inovasi teknologi pertanian mendukung pengembangan komoditas untuk bahan bakar nabati/Prastowo, B. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 38-46 8 tables; 26 ref.
633.1/4-115.2/SEM/p bkl

INDUSTRIAL CROPS; FUEL CROPS; FOOD CROPS; BIOFUELS; INNOVATION ADOPTION; PLANT FATS.

323 ROZI, F. [Contribution of innovative ground nut technology in regional economic improvement]. Kontribusi teknologi kacang tanah inovatif dalam peningkatan perekonomian wilayah/Rozi, F. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 239-244 2 tables; 8 ref.
631.17.332.158/SEM/p

ARACHIS HYPOGAEA; TECHNOLOGY TRANSFER; FARM INCOME; ECONOMIC ANALYSIS; PRODUCTION INCREASE; ECONOMIC INDICATORS; JAVA.

324 SAPARITA, R. [Distribution pattern of vegetable crops on agricultural transformation process in Indonesia]. Pola penyebaran tanaman sayuran dalam proses transformasi pertanian di Indonesia/Saparita, R. (Balai Besar Pengembangan Teknologi Tepat Guna-LIPI, Jakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 323-330 5 ill.; 4 tables; 10 ref. 631.17.332.158/SEM/p

VEGETABLE CROPS ; TECHNOLOGY TRANSFER; AGRICULTURAL DEVELOPMENT; DIVERSIFICATION; PRODUCTION DATA; LAND PRODUCTIVITY; DATA ANALYSIS; INDONESIA.

325 SULARNO. [Technology alternative of rice farming system in developing Segoro Anakan swamp area]. Alternatif teknologi usahatani tanaman padi dalam pengembangan potensi lebak Segoro Anakan/Sularno; Anwar, H. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2005: p. 275-280 5 tables; 6 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; VARIETIES; AGRONOMIC CHARACTERS; TECHNOLOGY TRANSFER; FARMING

SYSTEMS; APPROPRIATE TECHNOLOGY; SOCIOECONOMIC ENVIRONMENT.

326 SWASTIKA, D.K.S. Current status and the future of food crop development. Kinerja dan masa depan pembangunan pertanian tanaman pangan/Swastika, D.K.S.; Sayaka, B.; Agustian, A.; Darwis, V. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)); Wargiono, J. [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/Suradisastra, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 1-22 8 tables; 44 ref. 631.001.6(594)/SEM/p

FOOD CROPS; RICE; SOYBEAN; MAIZE; CASSAVA; DEMAND.

327 WIDAYAT, W. [Stages towards sustainable tea industry]. Tahapan menuju industri teh berkelanjutan/Widayat, W.; Rachmiati, Y. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 145-148 633.72/PER/p

TEA; PLANTATIONS; TEA INDUSTRY; SUSTAINABILITY; ECONOMIC INDICATORS.

328 ZURAIIDA, R. [Technology innovation of duck farming system in swamp area of South Kalimantan]. Inovasi teknologi perusahaan ternak itik pada lahan lebak Kalimantan Selatan: kasus di Desa Sungai Janjam Kabupaten Hulu Sungai Utara/Zuraida, R.; Ismadi S., D. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarwaru (Indonesia)); Hidayat, N. [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare] Mudjisihono, P.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi

Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 281-285 2 tables; 6 ref.
631.17.332.158/SEM/p

DUCKS; FARMERS; TECHNOLOGY
TRANSFER; INNOVATION; LAND
RESOURCES; INTENSIF FARMING;
ECONOMIC ANALYSIS; SWAMP SOILS;
KALIMANTAN.

E16 PRODUCTION ECONOMICS / EKONOMI PRODUKSI

329 ALIMOESO, S. [National rice production increase policy]. Kebijakan peningkatan produksi beras nasional/Alimoeso, S. (Direktorat Jenderal Tanaman Pangan Departemen Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 9-14 5 tables
633.1/.4-115.2/SEM/p bkl

RICE; PRODUCTION INCREASE;
NATIONAL INCOME; ECONOMIC
POLICIES.

330 HUTAPEA, Y. [Improved national and local specific commodities of South Sumatra Province]. Komoditas unggulan nasional dan spesifik daerah di Provinsi Sumatera Selatan/Hutapea, Y.; Muhajir; Muzhar. [Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 1-12 4 tables; 6 ref.
Br.Ind.631.587(594.47)/BAL/t c1

AGRICULTURAL PRODUCTS; PRODUCTION LOCATION; PRODUCTION POLICIES; SUMATRA.

331 IRAWAN, B. Performance and foresight of horticulture development. Kinerja dan prospek pembangunan hortikultura/Irawan, B.; Tarigan, H.; Wiryono, B.; Hestina, J.; Ashari (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/ Suradisstra, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 66-80 11 tables; 10 ref.
631.001.6(594)/SEM/p

HORTICULTURE; PRODUCTION;
PRODUCTIVITY; CONSUMPTION;
YIELDS; PRICE STABILIZATION;
TRADE.

332 PRIBADI, E.R. [Estimation of production function and its implication for clove farming system in Ciamis]. Pendugaan fungsi produksi dan implikasinya bagi pengembangan usahatani cengkeh di Kabupaten Ciamis/Pribadi, E.R.; Wulandari, S. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/ Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 203-209 1 ill., 6 tables; 7 ref.
633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; PRODUCTION FUNCTIONS; PRODUCTION FACTORS; GENETICS; PRODUCTION POSSIBILITIES; INTENSIFICATION; FARMING SYSTEMS; JAVA.

333 RUSTIJARNO, S. [Livestock and agricultural commodities as leading sector, in South Coastal of Galur Distric, Kulonprogo Regency]. Komoditas pertanian dan peternakan sektor basis di wilayah pesisir selatan Kecamatan Galur Kabupaten Kulon Progo/Rustijarno, S. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implemenrasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/ Mudjisihono, R.;

Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2005: p. 261-266 5 tables; 7 ref. 631.17.332.158/SEM/p

AGRICULTURAL PRODUCTS; ANIMAL PRODUCTS; PRODUCTION POSSIBILITIES; AGRICULTURAL SECTOR; PRODUCTION DATA; COASTAL PLAINS; JAVA.

334 SRIYADI, B. [Development of high yielding tea clone to increase plantation productivity]. Pengembangan klon teh unggul untuk meningkatkan produktivitas kebun/Sriyadi, B. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 95-102 5 tables; 22 ref. 633.72/PER/p

CAMELLIA SINENSIS; PLANTATIONS; CLONES; HIGH YIELDING VARIETIES; PRODUCTIVITY.

335 SUBAGIYO. [Cost structure analysis of strategic commodities (rice, maize, groundnut, soybean, cassava) in Yogyakarta Special Province]. Analisis struktur ongkos komoditas strategis (padi, jagung, kacang tanah, kedelai dan ubikayu) di Daerah Istimewa Yogyakarta/Subagiyo; Purwaningsih, H.; Sudaryanto, B. (Balai Pengkajian Teknologi Pertanian, Yogyakarta Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2005: p. 199-204 8 tables; 6 ref. Appendix 631.17.332.158/SEM/p

FOOD CROPS; AGRICULTURAL PRODUCTS; FARMING SYSTEMS; PRODUCTION COSTS; DATA PRODUCTION; COST ANALYSIS; JAVA.

336 SURYANA, A. [Technology innovation supporting national rice production increase and bioenergy development for farmer prosperity]. Inovasi teknologi mendukung peningkatan produksi beras nasional dan pengembangan bioenergi untuk kesejahteraan petani/Suryana, A. (Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 1-8 633.1/.4-115.2/SEM/p bkl

RICE; PRODUCTION; NATIONAL INCOME; PRODUCTION INCREASE; INNOVATION ADOPTION; BIOENERGY; RESEARCH POLICIES; FARMERS; LIVING STANDARDS.

337 SUYAMTO. [Technology support for national rice production increase]. Dukungan teknologi untuk peningkatan produksi beras nasional/Suyamto (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 19-27 11 tables 633.1/.4-115.2/SEM/p bkl

RICE; HYBRIDS; SEED PRODUCTION; PRODUCTION INCREASE; INTEGRATED PLANT PRODUCTION.

E20 ORGANIZATION, ADMINISTRATION AND MANAGEMENT OF AGRICULTURAL ENTERPRISES OR FARMS / ORGANISASI, ADMINISTRASI DAN PENGELOLAAN PERUSAHAAN PERTANIAN ATAU USAHA TANI

338 ASMIN. [Acceleration of cashew production through rehabilitation and rejuvenation by diversification pattern in Southeast Sulawesi]. Percepatan peningkatan produksi jambu mete melalui rehabilitasi dan peremajaan dengan pola usahatani diversifikasi di Sulawesi Tenggara/Asmin; Syam, A. (Balai Pengkajian Teknologi Pertanian Sulawesi Tenggara, Kendari (Indonesia)). [Proceedings of the national seminar and expose of agricultural research results; Book 2]. Prosiding seminar nasional dan ekspose hasil penelitian; Buku 2/ Syam, A.; Hadadde, I.; Sutisna, E.; Mustaha, M.A.; Rusastra, I W. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2006: p. 381-394 2 ill., 6 tables; 12 ref.

631.152/SEM/p bk 2

CASHEWS; PRODUCTION INCREASE; THINNING; PRUNING; LAND PRODUCTIVITY; REPLANTING; DIVERSIFICATION; FARMING SYSTEMS; FARM INCOME; SULAWESI.

339 CHOLID, M. [Efforts on improving sesame farmer income through cropping management]. Upaya peningkatan pendapatan petani wijen (*Sesamum indicum* L.) melalui pengaturan pola tanam dan waktu tanam/ Cholid, M. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/ Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 48-53 5 tables; 8 ref.

633.85/SEM/p

SESAMUM INDICUM; CROPPING SYSTEMS; PLANTING DATE; FARM INCOME; PRODUCTION INCREASE.

340 DARMAWAN. [Rural structuring based on suitability of land and agricultural economic institution]. Penataan pedesaan berdasarkan peta kesesuaian lahan dan kelembagaan ekonomi pertanian/Darmawan; Maryati, T.; Susanto, B. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 229-236 3 ill., 4 ref.

631.152/LOK/p cl

AGRICULTURAL ECONOMICS; FINANCIAL INSTITUTIONS; LAND SUITABILITY; RURAL AREAS.

341 EDWINA, S. [Community accessibility on rural financing institution through village empowerment program in Kampar Residence]. Aksesibilitas masyarakat terhadap lembaga pembiayaan pedesaan melalui program pemberdayaan desa di Kabupaten Kampar/Edwina, S.; Maharani, E. (Universitas Riau (Indonesia). Fakultas Pertanian). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 187-197 5 tables; 8 ref.

631.152/LOK/p cl

SUMATRA; RURAL COMMUNITIES; FINANCIAL INSTITUTIONS; FINANCING; RURAL AREAS; SUMATRA.

342 EFFENDI, T.N. [Rural development approach: the past experience and future choice]. Pendekatan pembangunan pedesaan: pengalaman masa lalu dan pilihan masa depan/Effendi, T.N. (Universitas Gadjah Mada, Yogyakarta (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to

support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 82-91 19 ref.
631.152/LOK/p c1

RURAL DEVELOPMENT;
PARTNERSHIPS; COMMUNITY
DEVELOPMENT.

343 ELIZABETH, R. [Rationality dynamic of traditional peasant society as base line of rural development]. Diagnosa dinamika rasionalitas masyarakat peysan tradisional sebagai titik awal pembangunan pedesaan/Elizabeth, R. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)).[Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 140-147 1 table; 15 ref.
631.152/LOK/p c1

RURAL COMMUNITIES; PEASANTRY;
RURAL DEVELOPMENT; RURAL AREAS.

344 HADI, S. [Village empowerment program for rural development acceleration in Riau Province]. Program pemberdayaan desa (PPD) sebagai upaya percepatan pembangunan pedesaan di Provinsi Riau/Hadi, S.; Rifai, A. (Universitas Riau (Indonesia). Fakultas Pertanian).[Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 198-211 7 ref.
631.152/LOK/p c1

SUMATRA; RURAL DEVELOPMENT;
POVERTY; HUMAN RESOURCES.

345 HARNIATI. [Experience on the implementation of rural community empowerment program]. Pengalaman penyelenggaraan program pemberdayaan masyarakat desa model P4K/Harniati (Badan Pengembangan Sumberdaya Manusia Pertanian, Jakarta (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 76-81 3 ref.
631.152/LOK/p c1

RURAL COMMUNITIES; FARM INCOME;
POVERTY.

346 HARYATI, Y. [Farmer income increasing through technology innovation application on shallot cultivation]. Peningkatan pendapatan petani melalui penerapan inovasi teknologi pada budidaya bawang merah/Haryati, Y.; Nurawan, A. (Balai Pengkajian dan Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 108-112 1 ill., 2 tables; 5 ref.
631.152/LOK/p c1

ALLIUM ASCALONICUM; CULTI-
VATION; FARM INCOME; TECHNOLOGY
INNOVATION; PRODUCTION; ECO-
NOMIC ANALYSIS.

347 HENDAYANA, R. [Performance and perspective of micro financial institution to support the acceleration of agricultural innovation adoption]. Kinerja lembaga keuangan mikro dan perspektifnya dalam

mendukung percepatan adopsi inovasi pertanian/Hendayana, R.; Dewi, Y.A. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 148-157 12 ref. 631.152/LOK/p c1

AGRICULTURAL SECTOR; FINANCIAL INSTITUTIONS; INNOVATION ADOPTION.

348 HIDAYAT, N. [Relation of family income with farmers characteristic in lowland and highland agroecosystem in Yogyakarta]. Hubungan pendapatan keluarga dengan karakteristik petani di agroekosistem dataran rendah dan dataran tinggi Daerah Istimewa Yogyakarta/Hidayat, N.; Lestari, S.B.; Kaliky, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 331-336 3 ill.; 4 tables; 11 ref. 631.17.332.158/SEM/p

JAVA; FARMERS; FARM INCOME; FARM SURVEYS; FAMILY FARMS; AGROCLIMATIC ZONES; LOWLAND; HIGHLANDS.

349 HIDAYAT, N.N. Analysis of goat farming on integrated farming system in Banyumas . Analisis usaha ternak kambing dalam sistem usahatani terpadu di Kabupaten Banyumas/ Hidayat, N.N. (Universitas Jenderal Sudirman, Purwokerto (Indonesia). Fakultas Peternakan) . Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 105-110 3 tables; 8 ref.

GOATS; FARM INCOME; ECONOMIC ANALYSIS; SURVEYS; FARMING SYSTEMS; MIXED FARMING; JAVA.

350 INDRAWANTO, C. [Improving of clove farmers income through improving the effectiveness of national clove industry]. Peningkatan pendapatan petani cengkeh melalui peningkatan kinerja industri cengkeh nasional/Indrawanto, C. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)); Ferry, Y..[Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukanto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 352-361 1 ill., 7 tables; 15 ref. 633.82/.83/SEM/p/c2

CLOVES; FARMING SYSTEMS; DIVERSIFICATION; CROP MANAGEMENT; POSTHARVEST TECHNOLOGY; TERMS OF TRADE; FARM INCOME; PRICE FORMATION; TRADE POLICIES.

351 JUMAKIR [Review on farming system model on various land typology at tidal swamp land of Jambi]. Tinjauan terhadap model usahatani pada beberapa tipologi lahan dilahan pasang surut Jambi/Jumakir; Waluyo; Suparwoto (Balai Pengkajian Teknologi Pertanian Jambi (Indonesia)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 274-282 1 ill., 7 tables; 14 ref. 633.1/.4-115.2/SEM/p bkl

FARMING SYSTEMS; LAND CLASSIFICATION; TIDES; SWAMP SOILS; ECONOMIC ANALYSIS; SUMATRA.

352 KOLOPAKING, L.M. [Reflecting and tracing the future of village development approach of Indonesia]. Bercermin dan

melacak masa depan pendekatan pembangunan pedesaan Indonesia/ Kolopaking, L.M. (Institut Pertanian Bogor (Indonesia). Fakultas Ekologi Manusia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 1-24 4 ill., 17 ref. 631.152/LOK/p c1

INDONESIA; RURAL DEVELOPMENT; MANAGEMENT; RURAL COMMUNITIES; FINANCING.

353 KURNIANITA, T. [Assessment of gender analysis on integrated crop-livestock farming system in Playen District Gunung Kidul, Yogyakarta]. Kajian analisis gender dalam sistem usahatani integrasi tanaman ternak di Kecamatan Playen Gunungkidul Daerah Istimewa Yogyakarta/Kurnianita, T.; Soeharsono; Hanafi, H. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 293-299 3 tables; 6 ref. 631.17.332.158/SEM/p

CROPS; LIVESTOCK; INTEGRATION; FARMING SYSTEMS; FARM MANAGEMENT; WOMEN; HUMAN RESOURCES; RESEARCH; JAVA.

354 KUSHARTANTI, E. [Performance of innovative technology implementation to the white maize farming; farmer's perception and adoption in Temanggung district]. Keragaan penerapan inovasi teknologi usahatani jagung putih, persepsi dan adopsi petani di Kabupaten Temanggung/Kushartanti, E.; Suhendrata, T.; Pramono, J. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)).

[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 217-223 5 tables; 9 ref. 631.145/152/SEM/p

ZEA MAYS; FARMING SYSTEMS; INNOVATION; FARMERS; PRODUCTION COSTS; TECHNOLOGY TRANSFER; JAVA.

355 LESTARI, S.B. [Study on the impact of ettawah goat farming system assessment in Turi Subdistrict, Sleman]. Studi dampak pengkajian sistem usahatani kambing peranakan ettawa di Kecamatan Turi Kabupaten Sleman/Lestari, S.B.; Subagiyo; Siswanto, T.J. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 223-231 11 tables; 5 ref. 631.17.332.158/SEM/p

GOATS; BREEDS (ANIMALS); FARMING SYSTEMS; FARM INCOME; TECHNOLOGY TRANSFER; SURVEYING; ECONOMIC ANALYSIS; JAVA.

356 LEWAHERILLA, N.E. [Development of indigenous technology improved from Mina Wen Hipre from Dani communities at Baliem valley, Jayawijaya District]. Pengembangan teknologi indigenous Mina Wen Hipre dari suku Dani di Lembah Baliem Kabupaten Jayawijaya/Lewaherilla, N.E.; Sihombing, S.R.; Soplanit, A. (Balai Pengkajian Teknologi Pertanian Papua (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1].

Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 246-254 3 tables; 11 ref.

633.1/4-115.2/SEM/p bkl

IPOMOEA BATATAS; SWEET POTATOES; FISHES; AGRO-PISCICULTURE; TRADITIONAL TECHNOLOGY; ECONOMIC ANALYSIS; IRIAN JAYA.

357 MARDI. [Rural society empowerment through partnership group]. Pemberdayaan masyarakat desa melalui kelompok usaha bersama (KUBE)/Mardi (Departemen Sosial, Jakarta (Indonesia). Pemberdayaan Kelembagaan Sosial Masyarakat). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 69-75 3 ill.

631.152/LOK/p c1

RURAL COMMUNITIES; POVERTY; RURAL SOCIOLOGY; PARTNERSHIPS.

358 MARDIHARINI, M. [Effort of rural families to cope with economical crisis]. Koping keluarga di pedesaan menghadapi krisis ekonomi/Mardiharini, M. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 166-175 1 ill., 4 tables; 24 ref.

631.152/LOK/p c1

RURAL COMMUNITIES; ECONOMIC CRISES; SOCIAL WELFARE; HOUSEHOLDS.

359 MUATIP, K. Perception of the Purwokerto society on meat product. Persepsi masyarakat Purwokerto tentang produk daging/Muatip, K.; Aunurohman, H. (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan). Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 111-115 3 tables; 7 ref.

MEAT PRODUCTS; FARM INCOME; JAVA.

360 NURHADI, E. [Economic analysis of vegetable farmers household in Tawang Sari, Pujon District, Malang Regency]. Analisis ekonomi rumah tangga petani sayuran di desa Tawang Sari Kecamatan Pujon Kabupaten Malang/Nurhadi, E.; Yuliati, N. (Universitas Pembangunan Nasional "Veteran" Surabaya (Indonesia). Fakultas Pertanian). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 267-274 2 tables; 6 ref.

631.17.332.158/SEM/p

VEGETABLE CROPS; FARMERS; LAND USE; AGRICULTURAL WORKERS; HOUSEHOLDS; ECONOMIC ANALYSIS; FARM INPUTS; PRODUCTION CONTROLS; HOUSEHOLD CONSUMPTION; JAVA.

361 QOMARIYAH, R. [Women farmer role in farming system management of monotonous swamp areas]. Peranan wanita tani dalam pengelolaan sistem usahatani di lahan lebak/ Qamariyah, R. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)); Rina, Y. [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.;

Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 239-245 5 tables; 10 ref. 631.145/.152/SEM/p

ORYZA SATIVA; ZEA MAYS; CULTIVATION; FARMING SYSTEMS; ROLE OF WOMEN; HOUSEHOLDS; INCOME; LABOUR ALLOCATION; SWAMP SOILS; FARM MANAGEMENT.

362 RACHMAN, A.H. [Sesame (*Sesamum indicum*) status in Indonesia and foreign]. Status wijen (*Sesamum indicum* L.) di dalam dan luar negeri/Rachman, A.H.(Direktorat Jenderal Perkebunan, Jakarta (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 1-5 1 ill., 5 tables 633.85/SEM/p

SESAMUM INDICUM; FOOD INDUSTRY; EXPORTS; IMPORTS.

363 RINA D.,Y. [Farming system assessment in monotonous swampland of South Kalimantan]. Pengkajian sistem usahatani di lahan lebak Kalimantan Selatan/Rina D.,Y. (Balai Penelitian Lahan Rawa, Banjarbaru (Indonesia)); Qomariyah, R.[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 207-215 6 tables; 14 ref. 631.145/.152/SEM/p

ORYZA SATIVA; CAPSICUM ANNUUM; ZEA MAYS; FARMING SYSTEMS; SOCIOECONOMIC ENVIRONMENT; INNOVATION; TECHNOLOGY TRANSFER; FARM INCOME; SWAMP SOILS; COST ANALYSIS; KALIMANTAN.

364 SUNARYO. [Empowerment of rural community economy through rural financial institution]. Pemberdayaan ekonomi masyarakat desa melalui Badan Usaha Milik Desa (BUMDes)/ Sunaryo (Direktorat Jenderal Pemberdayaan Masyarakat dan Desa, Jakarta (Indonesia)).[Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 59-68 4 ill., 2 tables; 3 ref. 631.152/LOK/p c1

RURAL COMMUNITIES; AGRICULTURAL ECONOMICS; DEVELOPMENT POLICIES; CAPITAL.

365 SURYAHADI, A. [Thinking on rural development approach: implication and SMERU study results]. Pemikiran tentang pendekatan pembangunan perdesaan: implikasi dari berbagai temuan studi SMERU/Suryahadi, A. (Lembaga Penelitian Semeru).[Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 52-58 2 ill., 12 tables 631.152/LOK/p c1

INDONESIA; RURAL DEVELOPMENT; POVERTY; AGRICULTURAL SECTOR.

366 WARYAT [Performance farming system of ornamental foliage plant]. Keragaan usahatani tanaman hias berdaun indah (kasus di Kec. Kembangan)/Waryat; Heni, H.; Nurmalinga (Balai Pengkajian Teknologi Pertanian Jakarta (Indonesia)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/

Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 288-293 4 tables; 4 ref. 633.1/.4-115.2/SEM/p/bkl

ORNAMENTAL PLANTS; AGLAONEMA; EUPHORBIA; PHILLODENDRON; FARMING SYSTEMS; GROWING MEDIA; PESTICIDES; SOCIAL INSTITUTIONS.

367 WIDODO, S. [Farm performance and impact of rice integrated crop management in Sentolo, Kulonprogo]. Keragaan usahatani dan dampak pengelolaan tanaman terpadu (PTT) padi di Sentolo, Kulonprogo/Widodo, S.; Mudjisihono, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 233-237 4 tables; 8 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; VARIETIES; FARMING SYSTEMS; INTEGRATED PLANT PRODUCTION; TECHNOLOGY TRANSFER; ECONOMIC ANALYSIS; JAVA.

368 WIRDAHAYATI R.B. [Village based livestock productivity optimizing]. Optimalisasi produktivitas peternakan berwawasan pedesaan/Wirdahayati R.B. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamil, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 133-140 1 table; 11 ref. 631.152/LOK/p c1

LIVESTOCK; PRODUCTIVITY; FEEDS; WASTES.

E21 AGRO - INDUSTRY / AGRO-INDUSTRI

369 RINA, Y. [Farming system analysis and processing of pumpkin (*Cucurbita moschata* Duch.) supporting agroindustry development in South Kalimantan]. Analisis usahatani dan pengolahan labu kuning mendukung pengembangan agroindustri Kalimantan Selatan/Rina, Y.; Antarlina, S.S. (Balai Penelitian Pertanian lahan rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 294-302 3 tables; 15 ref. 633.1/.4-115.2/SEM/p/bkl

CUCURBITA MOSCHATA; PUMPKINS; FARMING SYSTEMS; PROCESSING; AGROINDUSTRIAL SECTOR; ECONOMIC ANALYSIS; NUTRITIVE VALUE; PROCESSED PRODUCTS; KALIMANTAN.

370 SUGIYARTI, T. [Sesame industry and its problem]. Industri berbahan baku wijen dan permasalahannya/Sugiyarti, T.[Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 24-27 633.85/SEM/p

SESAMUM INDICUM; PROCESSING; SAUCES; ESSENTIAL OILS.

371 SUISMONO. [Rice agroindustrial model through rural scale quality management system approach]. Model agroindustri padi

melalui pendekatan sistem manajemen mutu skala pedesaan/Suismono (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 93-107 3 ill., 5 tables; 11 ref.
631.152/LOK/p c1

RICE; AGROINDUSTRIAL SECTOR; QUALITY; MANAGEMENT; SUPPLY AND DEMAND.

372 TIRTOSUPROBO, S. [Development of sesame in Sukoharjo Regency]. Pengembangan tanaman wijen (*Sesamum indicum* L.) di Kabupaten Sukoharjo/Tirtosuprobo, S. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W. (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 54-59 1 ill., 3 tables; 9 ref.
633.85/SEM/p

SESAMUM INDICUM; FARMING SYSTEMS; FARM INCOME; MARKETING CHANNELS.

373 WIDAYAT, W. Sustainable tea industry concept. Konsep industri teh berkelanjutan (sustainable tea industry) secara umum/Widayat, W. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 13-24 1 table; 5 ref.
633.72/PER/p

TEA; INDUSTRY; SUSTAINABILITY; BIODIVERSITY; INTEGRATED PEST MANAGEMENT; SOIL FERTILITY.

374 YANTI, L. [Vacuum fryer technology of jackfruits chips processing support agroindustry at Jambi Province]. Teknologi penggorengan vakum pada pengolahan keripik nangka untuk menunjang agroindustri di Provinsi Jambi/Yanti, L.; Asni, N. (Balai Pengkajian Teknologi Pertanian Jambi (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 234-240 1 ill., 3 tables; 7 ref.
633.1/.4-115.2/SEM/p bkl

ARTOCARPUS HETEROPHYLLUS; FRYING; FOODS; FOOD TECHNOLOGY; AGROINDUSTRIAL SECTOR; ECONOMIC ANALYSIS; ORGANOLEPTIC PROPERTIES; SUMATRA.

E50 RURAL SOCIOLOGY AND SOCIAL SECURITY / SOSIOLOGI PEDESAAN DAN KEAMANAN MASYARAKAT

375 HANAFI, H. [Institution development and farmer social change in community forest area in Gunung kidul Regency, Yogyakarta]. Pengembangan kelembagaan dan perubahan sosial petani di kawasan hutan kemasyarakatan (HKM) di Kabupaten Gunungkidul Daerah Istimewa Yogyakarta/Hanafi, H.; Soeharsono; Kurnianita T. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial

Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 317-322 1 ill.; 2 tables; 4 ref. 631.17.332.158/SEM/p

JAVA; AGRICULTURAL DEVELOPMENT; FARMERS; SOCIAL CHANGE; SOCIOECONOMIC ORGANIZATION; SOCIAL FORESTRY; SOCIAL INSTITUTIONS.

376 PRAYUGININGSIH, H. Protection and right of women labor at tobacco warehouse in Jember Regency. Perlindungan dan hak wanita pekerja pada gudang tembakau di Kabupaten Jember/Prayuginingsih, H. (Universitas Muhammadiyah Jember (Indonesia). Fakultas Pertanian). *Agritrop (Indonesia)*. ISSN 1693-2897 (2007) v. 5(2) p. 61-70 3 ill., 10 tables; 11 ref.

TOBACCO; FEMALE LABOUR; STOREHOUSES; SOCIAL WELFARE; JAVA.

377 RUSASTRA, I.W. Farmer's welfare and thoughts on poverty alleviation. Kesejahteraan dan pemikiran penanggulangan kemiskinan petani/Rusastra, I.W.; Ariani, M.; Rachman, H.P.S. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/Suradisastira, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 114-125 1 ill., 25 ref. 631.001.6(594)/SEM/p

FARMERS; POVERTY; WELFARE ECONOMICS.

378 SURADISAstra, K. Status and trend of farmers institutional development. Status dan arah pengembangan kelembagaan petani/Suradisastira, K.; Basuno, E.; Tarigan, H. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/Suradisastira, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 106-113 7 ill., 14 ref. 631.001.6(594)/SEM/p

AGRICULTURAL SECTOR; FARMERS ASSOCIATIONS; GOVERNMENT.

E70 TRADE, MARKETING AND DISTRIBUTION/PERDAGANGAN, PEMASARAN DAN DISTRIBUSI

379 PRIBADI, E.R. [Status and suggestion for clove farming system improvement in West Java and Banten]. Status dan saran perbaikan usahatani cengkeh di Provinsi Jawa Barat dan Banten/Pribadi, E.R.; Wulandari, S. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 210-220 2 ill., 11 tables; 6 ref. 633.82/.83/SEM/p/c2

CLOVES; PRICE STABILIZATION; FARMERS; PARTICIPATION; MOTIVATION; FARMING SYSTEMS; INTENSIFICATION; RECLAMATION; REPLANTING; DIVERSIFICATION; JAVA.

380 RINA, D.,Y. [Maize marketing in swamp land, South Kalimantan]. Pemasaran jagung di lahan lebak Kalimantan Selatan/Rina, D.,Y. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, P.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 245-252 1 ill.; 3 tables; 6 ref. 631.17.332.158/SEM/p

MAIZE; AGRICULTURAL PRODUCTS; MARKETING; MARKETING MARGINS; FARMING SYSTEMS; PRODUCTION COSTS; ECONOMIC ANALYSIS; KALIMANTAN.

381 SETYONO, B. [Price characteristic of red chili marketing in Bantul district]. Perilaku harga dalam pemasaran cabe merah di Kabupaten Bantul/Setyono, B.; Subagiyo (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)); Lantarsih,

R.[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjijihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p.183-188 3 tables; 8 ref.
631.145/152/SEM/p

CHILLIES; CONSUMER PRICES; DEMAND; MARKETING MARGINS; PRICE ELASTICITIES; MARKETING CHANNELS; ECONOMIC COMPETITION; JAVA.

382 SUGANDI, D. [Performance of mangoes marketing agent in the production centre of West Java]. Kinerja pelaku pasar buah mangga di sentra produksi Jawa Barat/ Sugandi, D. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). [Proceedings of national workshop on acceleration of agricultural innovation dissemination to support village based development]. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa/Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E.(eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 158-165 1 table; 6 ref.
631.152/LOK/p c1

MANGOES; MARKETS; MARKETING TECHNIQUES; PRICES; JAVA.

383 SUPRIHATINI, R. Prospect of tea commodity in world and domestic market. Prospek komoditi teh di pasar dunia dan domestik/Suprihatini, R.; Drajat, B. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 3-12 3 ill., 2 tables; 6 ref.
633.72/PER/p

TEA; PRODUCTIVITY; EXPORTS; IMPORTS; PRICE; DOMESTIC MARKETS.

E71 INTERNATIONAL TRADE/ PERDAGANGAN INTER- NASIONAL

384 ANINDITA, R. [Indonesian sesame position in the world sesame trade]. Posisi wijen Indonesia dalam perdagangan wijen dunia/Anindita, R.(Universitas Brawijaya, Malang (Indonesia). Fakultas Pertanian). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/ Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 88-94 7 ill., 4 tables; 5 ref.
633.85/SEM/p

SESAMUM INDICUM; PRODUCTION; EXPORTS; IMPORTS; INTERNATIONAL TRADE.

E72 DOMESTIC TRADE / PER- DAGANGAN DALAM NEGERI

385 ANGKASA, B. Prospect of tea marketing in the future. Prospek pemasaran teh ke depan/Angkasa, B. (Kantor Pemasaran Bersama, Jakarta (Indonesia)).[Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 1-2 3 ill., 2 tables; 5 ref.
633.72/PER/p

TEA; MARKETING; PRODUCTION; CONSUMPTION.

F01 CROP HUSBANDRY / BUDI DAYA TANAMAN

386 ASNI, N. [Improvement method and harvesting age for high quality and storability of "Duku Kumpeh"]. Perbaikan cara dan umur panen untuk peningkatan kualitas dan daya simpan buah duku Kumpeh/Asni, N. (Balai Pengkajian Teknologi Pertanian Jambi

(Indonesia)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 255-259 4 tables; 8 ref.
633.1/.4-115.2/SEM/p bkl

LANSIUM DOMESTICUM; VARIETIES; QUALITY; HARVESTING; AGE; KEEPING QUALITY; CHEMICAL COMPOSITION.

387 CANTO, E. [Hybrid rice culture technology in South Sumatra]. Teknologi budidaya padi hibrida di Sumatera Selatan/Canto, E.; Zakiah; Yustisia; Suriati. [Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian Teknologi Pertanian, Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 13-19 2 tables; 4 ref.
Br.Ind.631.587(594.47)/BAL/t c1

ORYZA SATIVA; VARIETIES; CULTIVATION; TECHNOLOGY TRANSFER; FARMING SYSTEMS; COST BENEFIT ANALYSIS.

388 DALIMOENTHE, S.L. [Technology of sustainable of tea shoot (*Camellia sinensis*)]. Teknologi sustainable pucuk teh (*Camellia sinensis*)/Dalimoenthe, S.L. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 49-68 5 ill., 6 tables; 24 ref.
633.72/PER/p

CAMELLIA SINENSIS; SOIL CONSERVATION; RAIN; MICROCLIMATE; SHOOTS; GROWTH RATE; PICKING; PRUNING; SUSTAINABILITY.

389 ERYTHRINA [Development of physic nut (*Jatropha curcas* Linn.) at Lampung Province]. Pengembangan tanaman jarak pagar (*Jatropha curcas* Linn) di Provinsi Lampung/Erythrina (Balai Pengkajian Teknologi Pertanian Lampung (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 312-318 1 ill., 3 tables; 16 ref.
633.1/.4-115.2/SEM/p/bkl

JATROPHA CURCAS; CULTIVATION; PRODUCTIVITY; SPACING; FERTILIZER APPLICATION; SUMATRA.

390 HARIYONO, B. [Potential of sesame flowers as honey bee feed sources]. Potensi bunga wijen (*Sesamum indicum* L.) sebagai sumber pakan lebah madu/Hariyono, B. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)).[Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/ \Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W. (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 60-63 4 ref.
633.85/SEM/p

SESAMUM INDICUM; FLOWERS; FEEDS; HONEY BEES.

391 HASBI, H. Potentially of edamame (*Glycine max* (L.) Merrill on agriculture system of LEIA (Low External Input Agriculture). Potensi pengembangan edamame (*Glycine max* (L.)) Merrill dengan sistem pertanian LEIA (Low External Input Agriculture)/ Hasbi, H. (Universitas Muhammadiyah Jember (Indonesia). Fakultas Pertanian). Agritrop (Indonesia). ISSN 1693-2897 (2007) v. 5(2) p. 44-49 9 tables; 15 ref.

GLYCINE MAX; CULTIVATION; VARIETIES; SOIL CHEMICOPHYSICAL PROPERTIES; FERTILIZING; APPLICATION RATES; GROWTH; YIELDS.

392 JOHAN, M.E. Effect of plucking rest on deep pruning on growth of plant and tipping production. Pengaruh istirahat petik pada pangkasan-dalam terhadap pertumbuhan tanaman dan produktivitas jendangan/Johan, M.E. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). Jurnal Penelitian Teh dan Kina (Indonesia). ISSN 1410-6507 (2006) v. 9(3) p. 63-68 2 tables; 15 ref.

CAMELLIA SINENSIS; PLUCKING; PRUNING; GROWTH; PRODUCTIVITY.

393 LESTARI, S.B. [Farmers empowering through organic paddy development in Sleman District]. Pemberdayaan petani melalui penerapan teknologi budidaya padi organik di Kabupaten Sleman/Lestari, S.B.; Widodo, S. (Balai Pengkajian Teknologi Pertanian, Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p.189-195 9 tables; 6 ref. 631.145/.152/SEM/p

ORYZA SATIVA; ORGANIC AGRICULTURE; FARMERS; PARTICIPATION; HUMAN BEHAVIOUR; MOTIVATION; TECHNOLOGY TRANSFER; FARM INCOME; ECONOMIC VALUE; JAVA.

394 RATNANINGSIH, E. [Potential of sesame development in dryland of Gunung Kidul Regency, Yogyakarta]. Potensi pengembangan tanaman wijen (*Sesamum indicum* L.) di lahan kering Kabupaten Gunung Kidul, Daerah Istimewa Yogyakarta /Ratnaningsih, E. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)) Rahayu, M.; Hariyono, B. [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.;

Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W. (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 31-38 9 tables; 16 ref. 633.85/SEM/p

SESAMUM INDICUM; ARACHIS HYPOGAEA; CULTIVATION; GROWTH; YIELDS; DRY FARMING; IRRIGATED LAND; PRODUCTION INCREASE; JAVA.

395 ROMLI, M. [Sesame technology increased in dryland and flooded land after rice plant. Dukungan teknologi pengembangan di lahan kering dan lahan sawah sesudah padi/Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)]. [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 39-47 633.85/SEM/p

SESAMUM INDICUM; ARACHIS HYPOGAEA; MULTIPLE CROPPING; DRY FARMING; JAVA.

396 RUSIM-MARDJONO. [Cultivation and postharvest technology to increase production and quality of sesame]. Teknologi budi daya dan pascapanen untuk meningkatkan produksi dan mutu wijen (*Sesamum indicum* L.)/Rusim-Mardjono; Sudarmo, H.; Romli, M.; Tukimin, S.W.(Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 6-13 3 tables; 25 ref. 633.85/SEM/p

SESAMUM INDICUM; CULTIVATION; POSTHARVEST TECHNOLOGY;

PRODUCTION INCREASE; SEED; QUALITY.

397 SARJONO. [Assessment of integrated rice-fish farming system in Sleman, Yogyakarta]. Pengkajian integrasi padi-ikan pada sistem usahatani lahan sawah di Kabupaten Sleman Provinsi D.I. Yogyakarta/ Sarjono; Rustijarno, S.; Kurnianita T.; Mudjisihono, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 181-188 9 tables; 8 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; FRESHWATER FISHES; AGROPISCICULTURE; FARMING SYSTEMS; LAND SUITABILITY; PRODUCTION COSTS; PRODUCTIVITY; COST ANALYSIS; JAVA.

398 SUBOWO [Growth and production of *Curcuma xanthorrhiza* at tidal swamp land of South Sumatra]. Pertumbuhan dan produksi tanaman temulawak (*Curcuma xanthorrhiza*, Roxb) di lahan rawa pasang surut Sumatera Selatan/Subowo; Imelda, M.; Yenni; Yusron, M. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 266-273 5 tables; 9 ref. 633.1/4-115.2/SEM/p bkl

CURCUMA XANTHORRHIZA; ANTIOXIDANTS; HARVESTING DATE; TIDES; SWAMP SOILS; GROWTH; PRODUCTION; SUMATRA.

399 SUDYASTUTI, T. [Assessment of micro climate on chili cultivation in sandy soil by using shading and coconut fibre]. Kajian iklim mikro pada budidaya tanaman cabai di lahan pasiran dengan menggunakan naungan dan sabut kelapa/ Sudyastuti, T.; Gunadi, S. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Teknologi Pertanian). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 51-57 3 ill.; 4 tables; 15 ref. 631.17.332.158/SEM/p

CAPSICUM ANNUUM; CULTIVATION; TECHNOLOGY TRANSFER; SHADING; MICROCLIMATE; SANDY SOILS.

400 SURIATI. [New improved rice type culture technology]. Teknologi budidaya padi varietas unggul tipe baru/Suriati; Yenni; Raharjo, B.; Yustisia.[Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 20-25 1 table; 3 ref. Br.Ind.631.587(594.47)/BAL/t c1

ORYZA SATIVA; HIGH YIELDING VARIETIES; CULTIVATION; TECHNOLOGY; COST BENEFIT ANALYSIS.

F02 PLANT PROPAGATION / PERBANYAKAN TANAMAN

401 IMRAN. [Effect of plagiotroph entrys of some superior clones on the growth of *Theobroma cacao* side grafting]. Pengaruh entres plagiotrop beberapa klon unggul terhadap pertumbuhan sambung samping tanaman kakao/Imran; Sulle, A. (Balai Pengkajian Teknologi Pertanian Sulawesi Tenggara, Kendari (Indonesia)); Mantara, G.R.S.; Muhidin.[Proceedings of the national seminar and expose of agricultural research results, Book 2]. Prosiding seminar nasional

dan ekspose hasil penelitian, Buku 2/Syam, A.; Hadadde, I.; Sutisna, E.; Mustaha, M.A.; Rusastra, I W. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2006: p. 371-380 6 tables; 16 ref.
631.152/SEM/p bk 2

THEOBROMA CACAO; MERISTEMS;
SCIONS; GRAFTING; CLONES;
GROWTH; SPROUTING.

402 KRISTAMTINI. [Regeneration technique of Dalhari rose apple (*Eugenia aquea*) germplasm]. Teknologi regenerasi plasma nutfah jambu air varietas Dalhari/Kristamtini; Sutardi; Sarjiman; Wisnu W.,E. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 67-71 2 tables; 9 ref.
631.17.332.158/SEM/p

EUGENIA; VARIETIES; FRUIT CROPS;
GERMPLASM; PLANT PROPAGATION;
TECHNOLOGY TRANSFER.

403 SUTARDI. [Efficiency of potato seed supply through tuber cutting method]. Efisiensi penyediaan bibit kentang dengan metode pembelahan umbi/Sutardi; Mulyadi; Sudaryanto, B.; Kristamtini (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 145-153 2 ill.; 7 tables; 8 ref.
631.17.332.158/SEM/p

SOLANUM TUBEROSUM; VARIETIES;
SEED POTATOES; SEED PRODUCTION;

CUTTINGS; GROWTH; CROP
PERFORMANCE; PLANT PROPAGATION.

404 SYAHID, S.F. Induction and regeneration of Rodent tuber calli through *in vitro* culture. Induksi dan regenerasi kalus keladi tikus (*Typonium flagelliforme*. Lodd.) secara *in vitro*/Syahid, S.F.; Kristina, N.N. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) . ISSN 0853-8212 (2007) v. 13(4) p. 142-146 4 ill., 4 tables; 19 ref.

DRUG PLANTS; REGENERATION; IN
VITRO; AUXINS; CYTOKININS.

405 WIBOWO, S. Effect of various ledger clones at grafting from stumping of cinchona succi bud to percentage of growth at the field. Pengaruh penggunaan klon kina unggul pada penyambungan tunas kina succi bekas stumping terhadap persentase-jadi dan pertumbuhan di lapangan/Wibowo, S.; Santoso, J.; Kusnawan; Rochendi, D. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). Jurnal Penelitian Teh dan Kina (Indonesia). ISSN 1410-6507 (2006) v. 9(3) p. 69-80 4 ill., 6 tables; 19 ref.

CINCHONA; CLONES; GRAFTING;
STUMPS; AGRONOMIC CHARACTERS;
GROWTH; FIELDS.

F04 FERTILIZING / PEMUPUKAN

406 BUDIARTO, K. Effects of types of media and NPK fertilizer on rooting capacity of chrysanthemum cuttings/Budiarto, K.; Sulyo, Y.; Dwi S.N., E. (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)); Maaswinkel, R.H.M.. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2006) v. 7(2) p. 67-70 3 tables; 13 ref.

DENDRANTHEMA MORIFOLIUM;
CUTTING; NPK FERTILIZERS; GROWING
MEDIA; FERTILIZER APPLICATION;
ROOTING.

407 DARAS, U. [Effect of fertilizer application on clove yield at Minahasa]. Pengaruh pemupukan terhadap hasil cengkeh di Kabupaten Minahasa/Daras, U. (Balai Penelitian Tanaman Rempah dan Aneka

Tanaman Industri, Sukabumi (Indonesia)). [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/ Nurheru; Luntungan, H.T.; Karmawati, E.; Sukanto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 330-334 3 tables; 10 ref. 633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; NPK FERTILIZERS; FERTILIZER APPLICATION; DOSAGE EFFECTS; APPLICATION RATES; YIELDS; SULAWESI.

408 KALIKY, R. [Farming behaviour on urea fertilizer on upland rice at Southern coastal area, Kebumen Regency]. Perilaku petani dalam pemupukan urea pada padi ladang di kawasan pesisir pantai selatan Kabupaten Kebumen/ Kaliky, R.; Hidayat, N.; Lestari, S.B. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 311-315 3 tables; 11 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; UREA; FERTILIZER APPLICATION; FARMERS; HUMAN BEHAVIOUR; INPUT OUTPUT ANALYSIS; JAVA.

409 NOOR, A. [Recommendation of phosphate and potash fertilizer based on lowland nutritional status for rice in Haruyan Subdistrict]. Rekomendasi pemupukan fosfat dan kalium berdasarkan status hara tanah sawah untuk padi di Kecamatan Haruyan/ Noor, A.; Ningsih, R.D. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk

peningkatan kesejahteraan masyarakat/ Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 59-66 9 tables; 15 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; IRRIGATED RICE; RICE FIELDS; PHOSPHATE FERTILIZERS; POTASH FERTILIZERS; NUTRITIONAL STATUS; LOWLAND; KALIMANTAN.

410 PRAMUDYATI, Y.S. [Use of cow dirt for organic fertilizer (compost)]. Pemanfaatan kotoran sapi sebagai sumber pupuk organik (kompos)/Pramudyati, Y.S.; Nadeak, R.U.; Mardianis. [Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/ Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 34-40 5 ref. Br.Ind.631.587(594.47)/BAL/t c1

CATTLE; FARMYARD MANURE; ORGANIC FERTILIZERS; USES; PROCESSING.

411 ROSITA, S.M.D. Response of five galanga promising lines to fertilization. Respon lima nomor unggul kencur terhadap pemupukan/Rosita, S.M.D.; Rostiana, O.; Haryudin, W. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) . ISSN 0853-8212 (2007) v. 13(4) p. 130-135 7 tables; 18 ref.

KAEMPFERIA; HIGH YIELDING VARIETIES; FERTILIZATION; PLANT RESPONSE; YIELDS; NUTRIENT UPTAKE; QUALITY.

412 SARJIMAN. [Recommendation of SP-36 and KCL fertilizers on lowland rice based on nutritional status and calibration test]. Rekomendasi pemupukan SP-36 dan KCl padi sawah berdasarkan status hara dan uji kalibrasi/Sarjiman; Mahening, R.; Mulyadi (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results

to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjishihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 31-41 2 ill; 9 tables, 12 ref.
631.17.332.158/SEM/p

ORYZA SATIVA; IRRIGATED RICE; RICE FIELDS; NUTRITIONAL STATUS; SOIL TESTING; PLANT RESPONSE; YIELD COMPONENTS; AGRONOMIC CHARACTERS.

413 SUPARWOTO [Application of foliar fertilizer on *Brassica juncea*]. Penggunaan pupuk daun pada tanaman sawi/Suparwoto; Waluyo (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 283-287 2 tables; 7 ref.
633.1/.4-115.2/SEM/p bkl

BRASSICA JUNCEA; FOLIAR APPLICATION; FERTILIZER APPLICATION; GROWTH; ECONOMIC ANALYSIS.

414 SUROSO, B. Effects of different stimulating material on rate of decomposition of azolla compost growth and production of mustard (*Brassica juncea* L.). Pengaruh perbedaan bahan stimulator terhadap kecepatan dekomposisi kompos azolla, pertumbuhan dan produksi tanaman sawi (*Brassica juncea* L.)/Suroso, B. (Universitas Muhammadiyah Jember (Indonesia). Fakultas Pertanian). Agritrop (Indonesia). ISSN 1693-2897 (2007) v. 5(2) p. 35-43 1 ill., 8 tables; 13 ref.

24

BRASSICA JUNCEA; AZOLLA; GREEN MANURES; FERTILIZERS; COMPOSTS; DEGRADATION; GROWTH; YIELDS.

415 SYUKUR, A. [Effect of watering frequency and organic fertilizer on the boron adsorption by maize in sandy soil of Bugel beach (Java)]. Penyerapan boron oleh tanaman jagung di tanah pasir pantai Bugel dalam kaitannya dengan tingkat frekuensi penyiraman dan pemberian bahan organik/Syukur, A. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Jurnal Ilmu Tanah dan Lingkungan (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 20-26 2 ill., 6 table; 5 ref.

ZEA MAYS; COASTAL SOILS; BORON; ABSORPTION; ORGANIC FERTILIZERS; WATERING; JAVA; APPLICATION RATES.

416 WIDIWURJANI. [Effect of harvesting by cutting and nitrogen fertilizer on the production increase of *Ipomoea reptans*]. Upaya peningkatan produksi sayuran kangkung (*Ipomoea reptans* Poir) dengan cara keprasan dan pemberian pupuk nitrogen/Widiwurjani (Universitas Pembangunan Nasional "veteran" Jawa Timur, Surabaya (Indonesia). Fakultas Pertanian).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjishihono, P.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Suhara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 171-173 2 tables; 8 ref.
631.17.332.158/SEM/p

IPOMOEA AQUATICA; NITROGEN FERTILIZERS; HARVESTING; YIELD COMPONENTS; PRODUCTION.

417 YENNI. [Rice-straw composting by semi-fermentation method]. Pengomposan jerami padi secara semi-fermentasi/Yenni; Ratmini, N.P.S.; Emma, S. [Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian

Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 41-49 1 ill., 2 tables; 5 ref.

Br.Ind.631.587(594.47)/BAL/t c1

RICE STRAW; MULCHES; MULCHING; FERMENTATION; FERMENTED PRODUCTS; CHEMICAL COMPOSITION.

F06 IRRIGATION / IRIGASI

418 RAHARDJO, P. [Efficient water use technology]. Teknologi pemanfaatan air yang efisien/Rahardjo, P. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)).[Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 117-122 1 table; 8 ref. 633.72/PER/p

TEA; PLANTATIONS; PRODUCTION; SUSTAINABILITY; WATER USE; EFFICIENCY; IRRIGATION.

F07 SOIL CULTIVATION / PENGOLAHAN TANAH

419 PUTRA, E.T.S. [Increasing of growth and development rate of potato through use of plastic mulch and farmyard manure]. Peningkatan laju pertumbuhan dan perkembangan kentang melalui pemanfaatan mulsa plastik dan pupuk kandang/Putra, E.T.S.; Herlinawati, E.; Tohari; Indradewa, D. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 212-219 1 table; 16 ref.

633.1/.4-115.2/SEM/p bkl

SOLANUM TUBEROSUM; GROWTH RATE; MULCHES; FARMYARD MANURE; YIELDS.

F08 CROPPING PATTERNS AND SYSTEMS/ POLA TANAM DAN SISTEM PERTANAMAN

420 DARAS, U. [Growth and production of maize, groundnut and *Kaempferia galanga* intercropped with clove]. Pertumbuhan dan produksi jagung, kacang tanah dan kencur diantara tanaman cengkeh/Daras, U.; Randriani, E.; Supriadi, H. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)).[Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 335-345 11 tables; 17 ref. Appendix 633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; ZEA MAYS; ARACHIS HYPOGAEA; KAEMPFERIA; INTERCROPPING; CROP MANAGEMENT; SPACING; GROWTH; YIELD COMPONENTS; PRODUCTION.

421 LISTYATI, D. [Performance of clove cropping pattern in North Sulawesi]. Keragaan pola tanam cengkeh di Sulawesi Utara/Listyati, D.; Supriadi, H.; Wardiana, E. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)) [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 221-227 4 tables; 16 ref.

633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; CROP MANAGEMENT; TRADITIONAL USES; INTERCROPPING; MONOCULTURE; FARM INPUTS; FARM INCOME; SULAWESI.

422 LISTYATI, D. [Performance of clove intercropping with several catch crops in West

Java]. Keragaan usahatani cengkeh dengan beberapa jenis tanaman sela di Provinsi Jawa Barat/Listyati, D.; Wardiana, E.; Heryana, N. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangpun, 2007: p. 362-367 4 tables; 6 ref.

633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; FOOD CROPS; HORTICULTURE; INTER-CROPPING; CROP MANAGEMENT; FARMING SYSTEMS; SMALL FARMS; TRADITIONAL TECHNOLOGY; FARM INCOME; SOCIOECONOMIC ENVIRONMENT; JAVA.

423 PURWANTO, R.J. [Model concept of physic nut (*Jatropha curcas* Linn.) development integrated in land and forest rehabilitation at social forestry in South Sulawesi]. Konsep model pengembangan jarak pagar (*Jatropha curcas* Linn.) yang terintegrasi dalam rehabilitasi lahan dan hutan pada Social Forestry di Sumsel/Purwanto, R.J. (Universitas IBA, Palembang (Indonesia). Fakultas Pertanian)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 325-331 1 ill., 10 ref.

633.1/.4-115.2/SEM/p/bkl

JATROPHA CURCAS; OIL CROPS; MARGINAL LAND; SOCIAL FORESTRY; AGROFORESTRY.

424 SOERJANDONO, N.B. [Sampling techniques of azolla in agropisciculture-azolla farming systems]. Teknik pengambilan contoh azolla pada sistem minapadi-azolla/Soerjandono, N.B.; Sopiawati, T. (Loka Penelitian Pencemaran Lingkungan Pertanian,

Jakenan-Pati (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 33-36 3 ill., 1 table; 5 ref.

ORYZA SATIVA; ANABAENA AZOLLAE; AGROPISCICULTURE; FARMING SYSTEMS; ANALYTICAL METHODS; YIELDS.

425 SUDARYANTO, B. [Technology and social forestry management base on crop livestock integration system in the upland agroecosystem Gunungkidul regency]. Teknologi dan pengelolaan hutan kemasyarakatan berbasis usahatani integrasi tanaman-ternak dilahan kering Kabupaten Gunungkidul/Sudaryanto, B.; Soeharsono (Balai Pengkajian Teknologi Pertanian Yogyakarta).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p.197-205 2 ill., 2 tables; 12 ref.

631.145/.152/SEM/p

FOOD CROPS; BEEF CATTLE; AGROPASTORAL SYSTEMS; FOREST MANAGEMENT; SOCIAL FORESTRY; FOREST LITTER; ORGANIC FERTILIZERS; FARMYARD MANURE; INNOVATION; FARMERS ASSOCIATIONS; TECHNOLOGY TRANSFER.

426 YUSRON, M. Effect of *Andrographis*-corn cropping pattern and dosage of organic and natural fertilizers on yield and quality of *Andrographis*. Pengaruh polatanam sambiloto-jagung serta dosis pupuk organik dan alam terhadap produksi dan mutu sambiloto (*Andrographis paniculata* Nees)/Yusron, M.; Gusmaini; Januwati, M. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) . ISSN 0853-8212 (2007) v. 13(4) p. 147-154 2 ill., 6 tables; 18 ref.

DRUG PLANTS; CROP MANAGEMENT; ZEA MAYS; ORGANIC FERTILIZERS; GROWTH; APPLICATION RATES; YIELDS; QUALITY.

427 YUSTISIA. [Soybean-rice intercropping culture technology with water logged at irrigated land]. Teknologi budidaya tumpangsari kedelai-padi dengan sistem jenuh air di lahan irigasi/Yustisia; Hutapea, Y.; Subowo. [Irrigated rice field improved technology in South Sumatra]. Teknologi unggulan lahan irigasi Sumatera Selatan/Subowo, G.; Mahmud, Z.; Malian, H.; Hanafiah, K.A. (eds.) Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia). Palembang : BPTP Sumatera Selatan, 2005: p. 26-33 23 ref. Br.Ind.631.587(594.47)/BAL/t c1

GLYCINE MAX; ORYZA SATIVA; INTERCROPPING; CULTIVATION; WATER DEPLETION; TECHNOLOGY; IRRIGATED LAND.

F30 PLANT GENETICS AND BREEDING / GENETIKA DAN PEMULIAAN TANAMAN

428 AHMED, N. Inheritance of yield and yield components of five wheat hybrid populations under drought conditions/Ahmed, N.; Maekawa, M. (Universitas Okayama, Kurashiki (Japan). Research Institute for Bioresources) ; Chowdhry, M.A.; Khaliq, I. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 53-59 2 tables; 35 ref.

TRITICUM AESTIVUM; PLANT BREEDING; DROUGHT RESISTANCE; YIELD COMPONENTS; GENETICS; HERITABILITY.

429 ANWAR, S. Genetic-Phenotypic variability and correlation between morphology – anatomy - physiology characteristic and dry matter yield of polyploidized forage grasses under aluminium stressed condition. Keragaman Genetik-Fenotipik dan hubungan antara karakter anatomi-morfologi-fisiologi dengan produksi bahan kering rumput pakan hasil poliploidisasi dalam kondisi tercekam aluminium/Anwar, S.(Universitas Diponegoro, Semarang (Indonesia). Fakultas Peternakan). Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 23-29 5 tables; 37 ref.

FEED GRASSES; GENETIC VARIATION; PHENOTYPES; PLANT ANATOMY; PLANT PHYSIOLOGY; GENETIC CORRELATION; SELECTION RESPON-

SES; DRY MATTER; PRODUCTION; INDUCED POLYPLOIDY; STRESS; ALUMINIUM.

430 BAHTIAR. [Development prospect Of Sukmaraga composit variety in South Sumatra]. Prospek pengembangan jagung komposit varietas Sukmaraga di Propinsi Sumatera Selatan/Bahtiar (Balai Penelitian Tanaman Serealia, Maros (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 68-75 6 tables; 17 ref. 633.1/4-115.2/SEM/p bkl

ZEA MAYS; VARIETIES; PRODUCT DEVELOPMENT; SUMATRA.

431 BERMAWIE, N. [Performance of yield and quality of some clove genotypes]. Keragaan potensi hasil dan mutu beberapa genotipe cengkeh (*Syzygium aromaticum* (L.) Merr Perr)/Bermawie, N.; Wahyuni, S. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)).[Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 111-116 3 tables; 9 ref. 633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; GENETIC VARIATION; FLOWERING; AGRONOMIC CHARACTERS; CHEMICAL COMPOSITION; QUALITY; YIELDS.

432 BETY, Y.A. [New hybrid engineering to increase quality and quantity of Vanda orchid]. Perakitan hibrida baru untuk meningkatkan kualitas dan kuantitas anggrek vanda/Bety, Y.A. (Balai Penelitian Tanaman Hias, Segunung-Cianjur (Indonesia)). [Proceedings of the national seminar on

implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 73-76 1 table; 11 ref. 631.17.332.158/SIM/p

VANDA; HYBRIDS; HYBRIDIZATION; QUALITY; PRODUCTIVITY.

433 HADAD E.A., M. [High yielding blok of clove AFO II as seed source in Ternate, North Maluku]. Blok penghasil tinggi cengkeh AFO II sebagai sumber benih di Ternate Maluku Utara/Hadad, E.A., M.; Herman, M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)); Sukur, M.; Howara, D. [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangun, 2007: p. 270-278 8 tables; 21 ref. 633.82/.83/SEM/p/c2

SYZYGIIUM AROMATICUM; SELECTION; PLANT GENETIC RESOURCES; HIGH YIELDING VARIETIES; MOTHER PLANTS; SEED PRODUCTION; PRODUCTIVITY; MALUKU.

434 HAZMI, M. Genetic evaluation of gogo rice agronomic component (*Oryza sativa* L.). Evaluasi genetik komponen agronomis padi gogo (*Oryza sativa* L.)/Hazmi, M.; Iskandar; Oktarina (Universitas Muhammadiyah Jember (Indonesia). Fakultas Pertanian). Agritrop (Indonesia). ISSN 1693-2897 (2007) v. 5(2) p. 50-55 4 tables; 26 ref.

ORYZA SATIVA; AGRONOMIC CHARACTERS; GENETIC ENGINEERING; UPLAND RICE; SELECTION.

435 HELIYANTO, B. Jatropha improved populations to be used for supporting

bioenergy development in Indonesia. Genotipa unggul jarak pagar untuk mendukung pengembangan bioenergi di Indonesia/Heliyanto, B. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 308-311 1 ill., 2 tables; 11 ref. 633.1/.4-115.2/SEM/p/bkl

JATROPHA CURCAS; PLANT BREEDING; RECURRENT SELECTION; GERMPLASM; HYBRIDS; BIOFUELS; INDONESIA.

436 HERIYANTO. [Farmers preference and soybean varieties distribution in Yogyakarta Special Province]. Preferensi petani dan penyebaran varietas kedelai di Provinsi Daerah Istimewa Yogyakarta/Heriyanto; Krisdiana, R. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)); Wahyuningrum, R.D. [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 301-309 2 ill.; 4 tables; 13 ref. 631.17.332.158/SEM/p

GLYCINE MAX; VARIETIES; AGRONOMIC CHARACTERS; IDENTIFICATION; POPULATION DISTRIBUTION; FARMERS; HUMAN BEHAVIOUR; JAVA.

437 IMELDA, M. [Adaptive trial of several promising ginger (*Zingiber officinale* Rosc.) lines at tidal South Sumatra]. Uji adaptasi beberapa galur harapan tanaman jahe di lahan pasang surut Sumatera Selatan/Imelda, M.;

Subowo, G.; Yenni; Yusron (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 220-227 5 tables; 23 ref. 633.1/4-115.2/SEM/p bkl

ZINGIBER OFFICINALE; VARIETIES; ADAPTATION; TIDES; AGRONOMIC CHARACTERS; YIELDS; CHEMICAL COMPOSITION; SUMATRA.

438 MASKROMO, I. Genetic diversity of Arecanut (*Areca catechu* L.) germplasm in Gorontalo . Keragaman genetik plasma nutfah pinang (*Areca catechu* L.) di Propinsi Gorontalo/Maskromo, I.; Miftahorrahman (Balai Penelitian Tanaman Kelapa dan Palma Lain, Manado (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) . ISSN 0853-8212 (2007) v. 13(4) p. 119-154 4 ill., 2 tables; 11 ref.

ARECA CATECHU; GENETIC VARIATION; GERMPLASM; SULAWESI.

439 NINGSIH, R.D. [Performance of rainfed rice lines in South Kalimantan]. Keragaan galur-galur padi sawah tadah hujan Kalimantan Selatan/Ningsih, R.D.; Noor, A.; Khairuddin; Mukarji (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 137-143 4 tables; 13 ref. 631.17:332.158/SEM/p

ORYZA SATIVA; VARIETIES; CROP PERFORMANCE; AGRONOMIC CHARACTERS; ADAPTATION; YIELD COMPONENTS; RAINFED FARMING; EVALUATION; KALIMANTAN.

440 PRAJITNO AL. KS. [Productivity of four upland rice varieties in Playen, Gunungkidul]. Produktivitas empat varietas padi gogo di Playen Gunung Kidul/Prajitno AL. KS; Hano H.; Sutardi (Balai Pengkajian Teknologi Pertanian, Yogyakarta (Indonesia)) [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 131-135 1 ill; 2 tables; 10 ref. 631.17.332.158/SEM/p

ORYZA SATIVA; UPLAND RICE; VARIETIES; PRODUCTIVITY; FARMING SYSTEMS; ECONOMIC ANALYSIS; HIGHLANDS; JAVA.

441 PURNOMO, J. [Selection of groundnut lines tolerance to shading]. Seleksi galur kacang tanah toleran naungan/Purnomo, J.; Kasno, A.; Nugrahaeni, N. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, P.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 105-113 11 tables; 10 ref. 631.17:332.158/SEM/p

ARACHIS HYPOGAEA; VARIETIES; SELECTION; AGRONOMIC CHARACTERS; INTERCROPPING; SHADING; GROWTH; YIELD COMPONENTS.

442 SUBEKTI, N.A. Diallel analysis of resistance to bacterial stalk rot (*Pectobacterium chrysanthemi* pv. *zeae* Burk., McFad. and Dim.) in corn (*Zea mays* L.) / Subekti, N.A. (Balai Penelitian Serealia, Maros (Indonesia)); Salazar, A.M. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 48-52 1 ill., 4 tables; 12 ref.

ZEA MAYS; DIALLEL ANALYSIS; INBRED LINES; DISEASE RESISTANCE; BACTERIOSES.

F60 PLANT PHYSIOLOGY AND BIOCHEMISTRY/FISIOLOGI DAN BOKIMIA TANAMAN

443 PRIMADONA, I. [Prospect of Indonesian crops for anti cancer]. Prospek tumbuhan Indonesia sebagai anti kanker/Primadona, I.; Udin, L.Z.; Andriyani, R.(Pusat Penelitian Kimia-LIPI, Bandung (Indonesia)) [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 55-60 631.145/.152/SEM/p

DRUG PLANTS; CELLS; NEOPLASMS; INDONESIA.

444 SARASWATI, V. [Antioxidant activity of endophyte isolated from *Taxus sumatrana*]. Aktivitas antioksidan dari isolat jamur Endofit *Taxus sumatrana*/Saraswati, V.; Andayani, D.G.S.; Raymond, J.P.; Amin, M.(Pusat Penelitian Kimia, Bandung (Indonesia)) ; Artanti, N.; Harmastini.[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p.173-175 2 tables; 4 ref. 631.145/.152/SEM/p

TAXUS; INDIGENOUS ORGANISMS; ENDOPHYTES; ANTIOXIDANTS; ISOLATION; FERMENTATION.

445 UDIN, L.Z. [Study of the interaction between *Phaleria macrocarpa* fruit extract with the DNA cell MCF-7]. Studi interaksi ekstrak buah mahkota dewa dengan DNA cell MCF-7/Udin, L.Z. (Pusat Penelitian Kimia-LIPI, Bandung (Indonesia)) [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 111-119 6 ill., 2 tables; 10 ref. 631.145/.152/SEM/p

DRUG PLANTS; FRUIT; PLANT EXTRACTS; DNA; HPLC; ANTIGENS; NEOPLASMS.

F61 PLANT PHYSIOLOGY-NUTRITION / FISIOLOGI TANAMAN - HARA

446 ROOSTIKA, I. Regeneration of *Pimpinella pruatjan* through somatic embryogenesis/Roostika, I.; Purnamaningsih, R.; Mariska, I. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik, Bogor (Indonesia)); Darwati, I. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 60-66 5 ill., 2 tables; 28 ref.

PIMPINELLA; SOMATIC EMBRYO-GENESIS; REGENERATION; TISSUE CULTURE.

447 SISWOYO, T.A. Changes of sucrose content and invertase activity during sugarcane stem storage/Siswoyo, T.A.; Oktavianawati, I.; Djenal; Sugiharto, B. (Universitas Jember (Indonesia). Fakultas Biologi); Murdiyanto, U.. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 75-81 8 ill., 22 ref.

SACCHARUM OFFICINARUM; FRUCTOFURANOSIDASE; SUCROSE.

**F62 PLANT PHYSIOLOGY -
GROWTH AND DEVELOPMENT/
FISIOLOGI TANAMAN -
PERTUMBUHAN DAN PER-
KEMBANGAN**

448 KASI, P.D. Morphological changes during the development of somatic embryos of sago (*Metroxylon sagu* Rottb.)/Kasi, P.D.; Sumaryono (Lembaga Riset Perkebunan Indonesia, Bogor (Indonesia)). Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 43-47 3 ill., 1 table; 19 ref.

METROXYLON; EMBRYO CULTURE;
SOMATIC EMBRYOGENESIS; PLANT
ANATOMY; CULTURE MEDIA.

449 SUDOMO, A. Effect of number on axillary buds on the survival rate and growth of cutting of four mulberry hybrid. Pengaruh jumlah mata tunas terhadap kemampuan hidup dan pertumbuhan stek empat jenis hibrid murbei./Sudomo, A.(Balai Besar Penelitian Bioteknologi dan Pemuliaan Tanaman Hutan, Ciamis (Indonesia)); Pujiono, S.; Na'iem, M.. Jurnal Pemuliaan Tanaman Hutan (Indonesia). ISSN 1693-7147 (2007) v. 1(1) p. 29-42 5 tables; 9 ref.

MORUS ALBA; HYBRIDS; CUTTING;
MOISTURE CONTENT; FOREST
PLANTATIONS; CHEMICOPHYSICAL
PROPERTIES.

**F70 PLANT TAXONOMY AND
GEOGRAPHY / TAKSONOMI
TANAMAN DAN SEBARAN
GEOGRAFIS**

450 SETYOWATI, F.M. [Diversity and plant utilization in Nusakambangan Island, Cilacap, East Java]. Keanekaragaman dan pemanfaatan tumbuhan di pulau Nusakambangan Cilacap , Jawa Tengah/Setyowati, F.M.; Rahayu, M. (Pusat Penelitian Biologi-LIPI, Bogor (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 291-302 1 table; 13 ref.

FLORA; BIODIVERSITY; USES; DRUG
PLANTS; NATURE RESERVES; JAVA.

**H01 PROTECTION OF PLANTS-
GENERAL ASPECTS /
PERLINDUNGAN TANAMAN -
ASPEK UMUM**

451 WIDAYAT, W. Study on conservation of natural enemy with *A. pinto* as cover crop in tea plantation. Studi konservasi musuh alami dengan tanaman penutup tanah *Arachis pinto* di pertanaman teh/Widayat, W.; Sucherman, O.; Darana, S. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). Jurnal Penelitian Teh dan Kina (Indonesia). ISSN 1410-6507 (2006) v. 9(3) p. 81-88 4 tables; 8 ref.

CAMELLIA SINENSIS; ARACHIS PINTOI;
COVER PLANTS; NATURAL ENEMIES.

**H10 PESTS OF PLANTS / HAMA
TANAMAN**

452 INDRAYANI, I G.A.A. Effects of bractea size of several cotton accessions to American bollworm injury level. Pengaruh ukuran braktea beberapa aksesori kapas terhadap tingkat serangan hama penggerek buah *Helicoverpa armigera* (Hubner)/ Indrayani, I G.A.A.; Sumartini, S. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) . ISSN 0853-8212 (2007) v. 13(4) p. 125-129 2 ill., 1 table; 18 ref.

BRACTS; HELICOVERPA ARMIGERA;
COTTON; PROPERTY TRANSFERS;
PLANT ANATOMY.

453 INDRIATI, G. [Nothopeus attack on clove in Bogor]. Serangan hama penggerek batang (*Nothopeus* spp.) pada tanaman cengkeh (*Syzygium aromaticum* (L.) di Bogor/ Indriati, G.; Trisawa, I.M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Pakuwon-Sukabumi (Indonesia)); Rumi, W.; Sukamto. [Proceedings of the national seminar on spice crops]. Prosiding seminar nasional rempah/Nurheru; Luntungan, H.T.; Karmawati, E.; Sukamto; Wardiana, E.; Sudjarmoko, B.; Hadad E.A., M.; Saefudin (eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 179-182 1 table; 9 ref.

633.82/.83/SEM/p/c2

SYZYGIUM AROMATICUM; STEM EATING INSECTS; MIGRATORY PESTS; INFESTATION; JAVA.

454 MARTINI, T. [Inventory and integrated control of pests and diseases of water melon in coastal sandy soil, Yogyakarta]. Hama dan penyakit pada budidaya semangka di lahan pasir pantai selatan Yogyakarta: inventarisasi dan studi pengendalian hama terpadu/Martini, T.; Masyhudi, M.F.; Hendrata, R.; Wiranti, E.W. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 163-169 3 ill., 3 tables; 6 ref. 631.17.332:158/SEM/p

CITRULLUS LANATUS; PESTS OF PLANTS; PLANT DISEASES; INTEGRATED PEST CONTROL; SURVEYS; SANDY SOILS; JAVA.

455 NURINDAH. [Strategy of *Polyphagotarsonemus latus* control technique on sesame leaves]. Strategi teknik pengendalian tungau daun wijen/Nurindah; Sunarto, D.A. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 70-75 23 ref. 633.85/SEM/p

SESAMUM INDICUM; POLYPHAGOTARSONEMUS LATUS; BIOLOGICAL CONTROL; INTEGRATED CONTROL.

456 PUSTIKA, A.B. [Control of rice stemborer through irrigation scheduling in

Canden Village, Jetis, Bantul]. Pengaturan pengairan sebagai upaya pengendalian penggerek batang padi di Desa Canden, Jetis Bantul/Pustika, A.B.; Mudjisihono, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 155-161 4 ill.; 1 table; 14 ref. 631.17:332.158/SEM/p

ORYZA SATIVA; STEM EATING INSECTS; IRRIGATION SYSTEMS; PEST CONTROL METHODS; JAVA.

457 RAYATI, D. J. [Pathogenicity of the entomopathogenic fungi *Beauveria bassiana*, *Metarhizium anisopliae*, and *Paecilomyces fumosoroseus* to tea termites]. Patogenisitas jamur *Beauveria bassiana*, *Metarhizium anisopliae*, dan *Paecilomyces fumosoroseus* terhadap rayap pada tanaman teh/Rayati, D. J.; Widayat, W. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). Jurnal Penelitian Teh dan Kina (Indonesia). ISSN 1410-6507 (2006) v. 9(3) p. 41-50 3 ill., 2 tables; 17 ref.

CAMELLIA SINENSIS; PATHOGENICITY; ENTOMOGENOUS FUNGI; BEAUVERIA BASSIANA; METARHIZIUM ANISOPLIAE; PAECILOMYCES; ISOPTERA.

458 SUHAENDAH, E. Test of leaf extract of *Toona sureni* and *Beauveria bassiana* fungi to bagworm mortalities of *Paraserianthes falcataria*. Uji ekstrak daun suren dan *Beauveria bassiana* terhadap mortalitas ulat kantong pada tanaman *Paraserianthes falcataria*/Suhaendah, E.; Hani, A.; Dendang, B. (Balai Penelitian Kehutanan, Ciamis (Indonesia)). Jurnal Pemuliaan Tanaman Hutan (Indonesia). ISSN 1693-7147 (2007) v. 1(1) p. 15-20 4 tables; 8 ref.

ALBIZIA; BEAUVERIA BASSIANA; BIOLOGICAL CONTROL; MORTALITY; PARASERIANTHES FALCATARIA.

459 SURYAWAN, I.B.G. Influence of cultural practice on population of pea leafminer (*Liriomyza huidobrensis*) and its parasitoids in potato/Suryawan, I.B.G. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)); Reyes, S.G.. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2006) v. 7(2) p. 35-42 5 ill., 1 table; 37 ref.

LIRIOMYZA HUIDOBRENSIS; SOLANUM TUBEROSUM; PARASITIDS.

460 TUKIMIN S.W. [Intensity of sesame accession damage by *Polyphagotarsonemus latus* (Banks)]. Intensitas kerusakan aksesori wijen (*Sesamum indicum* L.) terhadap hama tungau *Polyphagotarsonemus latus* (Banks)/Tukimin S.W.; Suprijono; Rusim-Mardjono; Amir, A.M. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 64-69 3 tables; 24 ref. 633.85/SEM/p

SESAMUM INDICUM;
POLYPHAGOTARSONEMUS LATUS;
ANIMAL POPULATION; YIELDS.

461 WAHYONO, T.E. [Description of major pests and its natural enemies on cashew nut plant in Lombok, West Nusa Tenggara]. Deskripsi hama utama dan musuh alami pada tanaman jambu mete di Lombok, Nusa Tenggara Barat/Wahyono, T.E. (Balai Penelitian Tanaman Rempah dan Obat,Bogor (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 23-25 2 ill., 1 table; 7 ref.

ANACARDIUM OCCIDENTALE; PESTS OF PLANTS; BIOLOGICAL CONTROL; NATURAL ENEMIES; ANIMAL MORPHOLOGY.

462 WIDAYAT, W. Biology of green flay (*Empoasca flavescens*) and its natural enemies. Bioekologi wereng daun teh (*Empoasca flavescens*) dan musuh alaminya/

Widayat, W. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)); Winasa, W.. Jurnal Penelitian Teh dan Kina (Indonesia). ISSN 1410-6507 (2006) v. 9(3) p. 51-62 8 ill., 5 tables;16 ref.

CAMELLIA SINENSIS; EMPOASCA; NATURAL ENEMIES; ZOOLOGY; ECOLOGY.

463 WIDAYAT, W. [Integrated pest control at tea plantation]. Pengendalian hama terpadu (PHT) di perkebunan teh/Widayat, W.; Rayati, D.J.(Pusat Penelitian Teh dan Kina, Gambung (Indonesia)).[Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 73-94 26 ref. Appendices 633.72/PER/p

CAMELLIA SINENSIS; PLANTATIONS; PESTS OF PLANTS; NATURAL ENEMIES; INTEGRATED PEST MANAGEMENT; ENTOMOGENOUS FUNGI; BOTANICAL PESTICIDES; WEED CONTROL.

464 WILYUS. [Exploration of egg parasitoids *Leptocorisa acuta* Thumb. (Hemiptera: Alididae) at Jangga Baru Village, Batang Hari, Sumatra]. Eksplorasi parasitoid telur *Leptocorisa acuta* Thumb. (Hemiptera: Alididae) di Desa Jangga Baru Kabupaten Batang Hari/Wilyus (Universitas Jambi (Indonesia). Fakultas Pertanian).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 189-192 1 ill., 1 table; 7 ref. 633.1/4-115.2/SEM/p bkl

ORYZA SATIVA; LEPTOCORISA; PARASITIDS; PARASITISM; SUMATRA.

H20 PLANT DISEASES / PENYAKIT TANAMAN

465 Balfas, R. Transmission of stunted growth disease on black pepper by three insect vectors. Penularan penyakit kerdil pada tanaman lada oleh tiga jenis serangga vektor/Balfas, R.; Samsudin; Sukamto (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)); Lakani, I. Jurnal Penelitian Tanaman Industri (Indonesia). ISSN 0853-8212 (2007) v. 13(4) p. 136-141 2 ill., 2 tables; 19 ref.

PEPPER; FERRISIA VIRGATA; PLANOCOCCUS; APHIS GOSSYPHII; CUCUMBER MOSAIC CUCUMOVIRUS; TRANSMISSIONS.

466 Hidayah, N. [Response of sesame accession to *Sclerotium rolfsii* infection]. Respon aksesi wijen (*Sesamum indicum* L.) terhadap infeksi penyebab penyakit rebah kecambah (*Sclerotium rolfsii*)/Hidayah, N.; Suhara, C. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 80-83 1 table; 9 ref. 633.85/SEM/p

SESAMUM INDICUM; VARIETIES; CORTICIUM ROLFSSII; DISEASE RESISTANCE; INFECTION.

467 Irawati, A.F.C. [Inducing resistance effect of tomato to bacterial wilt disease by *Pseudomonas putida* and *Ralstonia solanacearum* avirulent]. Pengimbasan ketahanan tomat terhadap penyakit layu bakteri dengan *Pseudomonas* dan strain Avirulen *Ralstonia solanacearum*/Irawati, A.F.C. (Balai Pengkajian Teknologi Pertanian Bangka Belitung, Bangka (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, P.;

Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 115-119 2 tables; 15 ref. 631.17.332.158/SEM/p

LYCOPERSICON ESCULENTUM; PSEUDOMONAS PUTIDA; DISEASE RESISTANCE; AVIRULENT PATHOGENS; CHEMICAL COMPOSITION.

468 Muis, A. Biomass production and formulation of *Bacillus subtilis* for biological control/Muis, A. (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Biromaru (Indonesia)). Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2006) v. 7(2) p. 51-56 3 ill., 2 tables; 16 ref.

BACILLUS SUBTILIS; BIOMASS; FORMULATIONS; BIOLOGICAL CONTROL.

469 Suhara, C. [Resistance of sesame accession to *Phytophthora* sp.]. Evaluasi ketahanan aksesi-aksesi wijen (*Sesamum indicum* L.) terhadap penyakit *Phytophthora* sp./Suhara, C.; Yulianti, T. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 76-79 1 ill., 1 table; 12 ref. 633.85/SEM/p

SESAMUM INDICUM; DISEASE RESISTANCE; PHYTOPHTHORA; EVALUATION.

470 Yulianti, T. [Pathogenicity of *Sclerotium rolfsii*, *Rhizoctonia solani* and *R. bataticola* on sesame sprout]. Patogenisitas *Sclerotium rolfsii*, *Rhizoctonia solani*, dan *R. bataticola* dari beberapa sumber inokulum terhadap kecambah wijen (*Sesamum indicum* L.)/Yulianti, T.; Suhara, C. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). [Proceedings of the seminar on

enhancing sesame development to support agroindustry]. Prosiding seminar memacu pengembangan wijen untuk mendukung agroindustri/Mardjono, R.; Soetopo, D.; Yulianti, T.; Subiyakto; Hariyono, B.; Heliyanto, B.; Winarto B.W.(eds.) Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia). Bogor : Puslitbangbun, 2007: p. 84-87 1 table; 9 ref. 633.85/SEM/p

SESAMUM INDICUM; PATHOGENICITY; CORTICIUM ROLFSSII; RHIZOCTONIA SOLANI; MACROPHOMINA PHASEOLINA.

H60 WEEDS AND WEED CONTROL / GULMA DAN PENGENDALIAN GULMA

471 SOERJANDONO, N.B. [Weeds control using low persistence herbicides on paddy]. Teknik pengendalian gulma dengan herbisida persistensi rendah pada tanaman padi/Soerjandono, N.B. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan-Pati (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 5-8 1 ill., 2 tables; 10 ref.

ORYZA SATIVA; WEEDS; WEED CONTROL; HERBICIDES; PESTICIDE RESISTENCE.

J10 HANDLING, TRANSPORT, STORAGE AND PROTECTION OF AGRICULTURAL PRODUCTS/ PENANGANAN, TRANSPOR, PENYIMPANAN DAN PERLINDUNGAN HASIL PERTANIAN

472 GUMMERT, M. Postharvest technology for national rice self-sufficiency and improving farmers livelihoods/Gummert, M. (International Rice Research Institute, Manila (Philippine)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian,

Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 28-37 4 ill., 7 ref. 633.1/4-115.2/SEM/p bkl

RICE; SELF SUFFICIENCY; DRYING; STORAGE; QUALITY; POSTHARVEST TECHNOLOGY.

J11 HANDLING, TRANSPORT, STORAGE AND PROTECTION OF PLANT PRODUCTS / PENANGANAN, TRANSPOR, PENYIMPANAN DAN PERLINDUNGAN HASIL TANAMAN

473 RATULE, M.T. Ripening response of "Barangan" banana exposed to different calcium carbide concentrations and high temperature levels/Ratule, M.T. (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar (Indonesia)); Zakiah; Ruku, S. [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 241-245 3 tables; 14 ref. 633.1/4-115.2/SEM/p bkl

BANANAS; VARIETIES; RIPENING; STORAGE; HEAT; CHEMICOPHYSICAL PROPERTIES.

474 TISNAWATI. [Technical method for lengthen storage time of alpinia flowers]. Teknik memperpanjang masa simpan bunga potong alpinia/Tisnawati (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 39-42 4 tables; 11 ref.

ALPINIA; CUT FLOWERS; PRESERVATIVES; STORAGE; KEEPING QUALITY.

475 TISNAWATI. [Utilization of benzoic acid and benzoic sodium for lengthen exhibition period of polianthes flowers]. Teknik penggunaan asam benzoat dan sodium

benzoat untuk memperpanjang lama peragaan bunga sedap malam/Tisnawati (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 9-11 2 tables; 10 ref.

POLIANTHES; CUT FLOWERS;
PRESERVATIVES; BENZOIC ACID;
SODIUM; KEEPING QUALITY.

K01 FORESTRY - GENERAL ASPECTS/ KEHUTANAN - ASPEK UMUM

476 SANTOSA, T.H. Economic appraisal of urban forest area as an environmental resources for Surabaya City . Penilaian ekonomi kawasan hutan kota sebagai daya dukung lingkungan di Kota Surabaya/Santosa, T.H.; Nilogiri, A. (Universitas Muhammadiyah Jember (Indonesia). Fakultas Pertanian). Agritrop (Indonesia). ISSN 1693-2897 (2007) v. 5(2) p. 71-80 25 tables; 12 ref.

FORESTS; FOREST MANAGEMENT;
RURAL ENVIRONMENT; AGRICULTURAL ECONOMICS; JAVA.

K10 FORESTRY PRODUCTION / PRODUKSI KEHUTANAN

477 ADINUGRAHA, H.A. Growth of shoot cuttings from coppice shoots of *Eucalyptus pellita* F. Muell. Seedlings at the nursery. Pertumbuhan stek pucuk dari tunas hasil pemangkasan semai jenis *Eucalyptus pellita* F. Muell. di persemaian/Adinugraha, H.A.; Pujiono, S. (Balai Besar Penelitian Bioteknologi dan Pemuliaan Tanaman Hutan, Ciamis (Indonesia)). Jurnal Pemuliaan Tanaman Hutan (Indonesia). ISSN 1693-7147 (2007) v. 1(1) p. 43-49 1 ill., 4 tables; 11 ref.

EUCALYPTUS PELLITA; SEEDLINGS;
GROWTH; PLANT NURSERIES; SHOOT PRUNING.

478 SIARUDIN, M. Effect of mycorrhizae and wood vinegar on the seedling growth of five provenances of *Paraserianthes falcataria*. Uji pengaruh mikoriza dan cuka kayu terhadap pertumbuhan lima provenan sengon di pesemaian/ Siarudin, M. (Balai Penelitian Kehutanan, Ciamis (Indonesia)). Jurnal Pemuliaan Tanaman Hutan (Indonesia). ISSN

1693-7147 (2007) v. 1(1) p. 21-27 2 ill., 4 tables; 8 ref.

ALBIZIA; PARASERIANTHES
FALCATARIA; GROWTH; SEEDLINGS;
MYCORRHIZAE; PROVENANCE.

L01 ANIMAL HUSBANDRY / PETERNAKAN

479 KURNIANITA T. [Potency and opportunity of beef cattle agricultural development to optimalizing the natural resources of Srandakan Sub District, Bantul district of Yogyakarta Province]. Potensi dan peluang pengembangan usaha ternak sapi potong dalam memanfaatkan sumberdaya lokal di Kecamatan Srandakan Bantul Propinsi Daerah Istimewa Yogyakarta/Kurnianita T.; Soeharsono; Rustijarno, S. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 253-259 2 tables; 7 ref.
631.145/.152/SEM/p

BEEF CATTLE; ANIMAL HUSBANDRY;
TRADITIONAL TECHNOLOGY;
FARMERS ASSOCIATIONS; HUMAN RESOURCES;
NATURAL RESOURCES;
PRODUCTION POSSIBILITIES; ANIMAL HEALTH; ANIMAL HOUSING; JAVA.

480 PRASETYO, L.H. Strategy and opportunity for the development of duck breeding farm. Strategi dan peluang pengembangan pembibitan ternak itik/Prasetyo, L.H. (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). Wartazoa (Indonesia). ISSN 0216-6461 (2006) v. 16(3) p. 109-115 1 ill., 8 ref.

DUCKS; REARING TECHNIQUES;
ANIMAL HUSBANDRY; ANIMAL BREEDING;
AGRICULTURAL DEVELOPMENT; DEVELOPMENT POLICIES.

481 QISTHON, A. Effect of shelter on semen quality of "Peranakan Ettawa" goat. Pengaruh

penggunaan naungan terhadap kualitas semen kambing peranakan ettawa/Qisthon, A.; Suharyati, S. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian) . Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 73-78 2 tables; 17 ref.

GOATS; SHADING; SEMEN; QUALITY; CLIMATE.

482 ROMJALI, E. [Development of Sei Putih (compositae) sheep in North Sumatra production centre]. Pengembangan domba sei putih (domba komposit) di sentra produksi Sumatera Utara/Romjali, E.; Haloho, L.; Harahap, D. (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia)). [Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 502-511 2 tables; 5 ref.

631.17.001.5/SEM/p

SHEEP; ANIMAL FEEDING; ANIMAL HOUSING; REARING TECHNIQUES; ECONOMIC ANALYSIS.

483 RUBIONO, B.E. [Rearing management of goat and sheep]. Tatalaksana pemeliharaan dan perawatan ternak kambing dan domba/Rubiono, B.E. (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 101-105 6 ref.

636/TEM/p

GOATS; SHEEP; REARING TECHNIQUES; ANIMAL HOUSING; ANIMAL HUSBANDRY.

484 RUSTIJARNO, S. [Agribusiness development of sheep in south coastal area of galur district, Kulonprogo regency]. Pengembangan agribisnis ternak domba di

wilayah pesisir selatan Kecamatan Galur, Kabupaten Kulonprogo/Rustijarno, S.; Soeharsono; Kurnianita, T.(Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa dalam tahun Indonesia untuk ilmu pengetahuan/Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 225-231 2 tables; 7 ref.

631.145/.152/SEM/p

SHEEP; ANIMAL HUSBANDRY METHODS; TRADITIONAL TECHNOLOGY; AGROINDUSTRIAL SECTOR; DEVELOPMENT POLICIES; FARMERS ASSOCIATIONS; HUMAN RESOURCES; COASTAL LAGOONS; RAPID RURAL APPRAISAL; JAVA.

485 SIHITE, E. [Goat rearing system in Bangun Purba, Deli Serdang]. Sistem pemeliharaan ternak kambing di Bangun Purba Deli Serdang/Sihite, E. (Loka Penelitian Kambing Potong, Sungei Putih (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 108-113 2 tables; 10 ref.

636/TEM/p

SHEEP; ANIMAL HUSBANDRY METHODS; ANIMAL PRODUCTION; FEED GRASSES; SUMATRA.

486 YUSDJA, Y. Livestock production: achievement and prospect. Pembangunan peternakan: pencapaian dan prospek/Yusdja, Y.; Sayuti, R.; Wahyuning, S.; Sejati, W.K.; Sodikin, I.; Ilham, N.; Sinuraya, Y.F. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). [Proceedings of performance and prospect of Indonesia's agriculture sector development]. Prosiding kinerja dan prospek pembangunan pertanian Indonesia/Suradisastra, K.; Yusdja, Y.; Hadi, P.U. (eds.) Bogor : PSEKP, 2007: p. 44-65 13 ill., 2 tables; 17 ref.

631.001.6(594)/SEM/p

ANIMAL HUSBANDRY; ECONOMIC GROWTH; ECONOMIC ANALYSIS.

L02 ANIMAL FEEDING / PAKAN HEWAN

487 BUDIMAN, H. [Feed management improvement in sheep fattening on farmer level]. Perbaikan manajemen pakan dalam penggemukan domba di tingkat petani/ Budiman, H. (Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 31-35 4 tables; 8 ref. 636/TEM/p

SHEEP; FATTENING; FEEDS; FEED CONSUMPTION; FEED CONVERSION EFFICIENCY; COST BENEFIT ANALYSIS; FARMERS.

488 GINTING, S.P. [Management of goat management and feeding system: research results and experience in Goat Experiment Station, Sei Putih]. Manajemen produksi dan sistem pakan pada kambing: hasil penelitian dan pengalaman di Loka Penelitian Kambing Potong/Ginting, S.P. (Loka Penelitian Kambing Potong Sei Putih (Indonesia)). [Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 544-555 1 ill., 6 tables; 14 ref. 631.17.001.5/SEM/p

GOATS; FEEDING SYSTEMS; PRODUCTION; MANAGEMENT; SUMATRA.

489 HERDIAN, H. [Effect of pelleting process on the quality of ruminant feedstuff]. Pengaruh proses pelleting terhadap peningkatan kualitas pakan ternak ruminansia/ Herdian, H.; Julendra, H.; Susanto, A.; Khasanah, Y.(Balai Pengembangan Proses dan Teknologi Kimia - LIPI, Yogyakarta

(Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa/ Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 133-138 5 ill., 5 tables; 8 ref.

631.145/.152/SEM/p

BEEF CATTLE; RUMINANTS; PELLETING; FEEDS; QUALITY; INGREDIENTS; DIGESTIBILITY.

490 IRIYANTI, N. Effect of vitamin E supplementation in ration on fertility, hatchability and hatch weight of native chicken's eggs. Penggunaan vitamin E dalam pakan terhadap fertilitas, daya tetas dan bobot tetas telur ayam kampung/ Iriyanti, N. (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan) Zuprizal; Yuwanta, T.; Keman, S. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 36-39 2 tables; 12 ref.

CHICKENS; ANIMAL FEEDING; RATIONS; VITAMIN E; FERTILITY; EGG HATCHABILITY; HATCHING; WEIGHT.

491 MANU, A.E. Effects of local feed supplementation on the performance of Bligon goat does at the end of gestation reared in West Timor Savannah . Pengaruh suplementasi pakan lokal terhadap produktivitas induk kambing Bligon bunting tua yang dipelihara di Padang Savana Timor Barat/Manu, A.E. (Universitas Nusa Cendana, Kupang (Indonesia). Fakultas Peternakan); Baliarti, E.; Keman, S.; Datta, F.U. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 1-8 3 tables; 33 ref.

NANNY GOATS; GESTATION PERIOD; ANIMAL FEEDING; FEED INTAKE; SUPPLEMENTS; REPRODUCTIVE PERFORMANCE; NUSA TENGGARA.

492 NURDIN, E. Effect of supplementation sunflowers (*Helianthus annuus* L.) and bioplus to the solid non fat, total solid and milk acidity of sub-clinical mastiti's holstein dairy cows). Pengaruh pemberian bunga

matahari (*Helianthus annuus* L.) dan bioplus terhadap solid non fat, total solid dan pH susu sapi perah fries holland penderita mastitis sub-klinis/Nurdin, E. (Universitas Andalas, Padang (Indonesia). Fakultas Peternakan) . Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 79-81 1 table; 9 ref.

DAIRY CATTLE; SUNFLOWER MEAL; SUPPLEMENTS; MASTITIS; MILK COW; PH; LIPID CONTENT.

493 ROKHMAN. [Study on tempe waste preference level on old pregnant sheep until lactation in the Bogor experiment cage]. Pengamatan terhadap tingkat kesukaan ampas tempe pada domba bunting tua sampai dengan laktasi dikandang percobaan Bogor/Rokhman; Aminah, S.; Sumantri, M. (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 215-217 2 tables; 3 ref. 636/TEM/p

SHEEP; PREGNANCY; LACTASE; SOYFOODS; FOOD WASTES; FEEDING; JAVA.

494 SINURAT, A.P. Improving nutrient values of solid heavy phase for corn substitute in poultry diet. Peningkatan nilai gizi solid phase dalam ransum unggas sebagai pengganti jagung/Sinurat, A.P.; Purwadaria, T.; Bintang, I.A.K.; Pasaribu T. (Balai Penelitian Ternak, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 87-95 9 tables; 17 ref.

LAYER CHICKENS; PALM OILS; LIQUID WASTES; NUTRIENT IMPROVEMENT; CORN; FEEDS; FERMENTATION.

495 SIREGAR, Z. [Effect of Co and Zn supplementation on lamb performance in growth period]. Pengaruh suplementasi mineral Co dan Zn terhadap penampilan domba jantan periode pertumbuhan/Siregar, Z.(Universitas Sumatera Utara, Medan (Indonesia). Fakultas Pertanian).[Proceeding of the national seminar on research and assessment result socialization]. Prosiding

seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 566-572 7 tables; 13 ref. 631.17.001.5/SEM/p

LAMBS; SUPPLEMENTS; ZINC; COBALT; GROWTH PERIOD; ANIMAL PERFORMANCE.

496 SOEHARSONO. [Utilization of complete feed and concentrate on beef cattle productivity]. Pemanfaatan bahan pakan inkonvensional dalam bentuk pakan lengkap (complete feed) dan pakan konsentrat terhadap produktivitas ternak sapi potong/Soeharsono; Mosofie, A.; Supriadi (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 121-125 3 tables; 7 ref. 631.17.332.158/SEM/p

BEEF CATTLE; FEEDING SYSTEMS; COMPLETE FEEDS; CONCENTRATES; RATIONS; BODY WEIGHT; PRODUCTIVITY; ECONOMIC ANALYSIS.

497 SUBIHARTA. [Effect of feed quality improvement on simmental cow in agropolitan area, Pematang Regency]. Pengaruh perbaikan kualitas pakan pada induk sapi peranakan simental di kawasan agropolitan Kabupaten Pematang/Subiharta; Yuwono, D.M.; Nuschati, U.; Prasetyo, A. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.)

Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 127-130 2 tables; 11 ref. 631.17.332.158/SEM/p

BEEF CATTLE; PREGNANCY; FEEDS; SUPPLEMENTARY FEEDING; QUALITY; NUTRIENT IMPROVEMENT; FLUSING; BODY WEIGHT.

498 SUPRIADI. [Tolerance of feed crops for ruminant in dry land: case study in Bleberan Village, Playen Subdistrict, Gunung Kidul]. Ketahanan pakan ternak ruminansia di lahan kering studi kasus Desa Bleberan, Kecamatan Playen, Gunungkidul/Supriadi; Soeharsono (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisiyono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 175-180 2 ill.; 2 tables; 8 ref. 631.17.332.158/SEM/p

CATTLE; GOATS; FEED GRASSES; LEGUMES; FEED INTAKE; FEEDING SYSTEMS; AGRICULTURAL WASTES; DRY FARMING; JAVA.

499 WIDIAWATI, Y. Comparison fermentation kinetics (*in vitro*) of grass and shrub legume leaves: the pattern of VFA concentration, estimated CH₄ and microbial biomass production. Perbandingan pola fermentasi (*in vitro*) dari rumput dan daun pohon legum: pola konsentrasi VFA, estimasi produksi CH₄ dan biomasa mikroba/Widiawati, Y.; Thalib, A. (Balai Penelitian Ternak, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 96-104 5 ill., 2 tables; 25 ref.

GRASSES; FEED LEGUMES; BROWSE PLANTS; VOLATILE FATTY ACIDS; IN VITRO; MICROBIAL PROTEINS; BIOMASS.

500 WIDIYASTUTI, T. Digestibility and egg yolk pigment intensity of local ducks fed

shrimps head meal, leucaena leaf meal and L-carnitine supplementation. Kecernaan dan intensitas warna kuning telur itik lokal yang mendapat pakan tepung kepala udang, tepung daun lamtoro dan suplementasi L-carnitin/Widiyastuti, T.; Prayitno, C.H.; Sudibya (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan). Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 30-35 3 tables; 17 ref.

DUCKS; FISH MEAL; LEAF MEAL; LEUCAENA; CARNITINE; SUPPLEMENTS; DIGESTIBILITY; CRUDE PROTEIN; NUTRITIVE VALUE; EGG YOLK; PIGMENTATION.

501 YUSRINI, H. [Analysis method of B1 aflatoxins contamination by using ELISA technics on feed and its ingredient]. Teknik analisis kandungan aflatoksin B1 secara ELISA pada pakan ternak dan bahan dasarnya/Yusrini, H. (Balai Besar Penelitian Veteriner, Bogor (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 16-19 2 ill., 4 tables; 6 ref.

FEEDS; AFLATOXINS; CONTAMINATION; ELISA; NUTRITIVE VALUE.

L10 ANIMAL GENETICS AND BREEDING / GENETIKA DAN PEMULIAAN HEWAN

502 AKU, A.S. Effect of phyto-lecithin on preservation and cryopreservation of semen : a review. Manfaat lesitin nabati pada preservasi dan kriopreservasi semen: suatu kajian pustaka/Aku, A.S.; Sandiah, N. (Universitas Halueleo, Kendari (Indonesia). Fakultas Pertanian) Sadsoeitoeboen, P.D.; Amin, M.R.; Herdis. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 49-52 20 ref.

LIVESTOCK; LECITHINS; SEMEN; PRESERVATION; BIOLOGICAL PRESERVATION; ARTIFICIAL INSEMINATION.

503 ARIFIANTINI, R.I. Stallion semen cryopreservation using different cryoprotective agents on the skim milk trehalosa extender. Kriopreservasi semen kuda menggunakan berbagai krioprotektan pada pengencer susu skim/Arifiantini, R.I.; Supriatna, I. (Institut Pertanian Bogor (Indonesia). Fakultas Kedokteran Hewan).

Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 139-146 5 tables; 33 ref.

HORSES; BIOLOGICAL PRESERVATION; FREEZING; CRYOPROTECTANTS; STALLIONS; SPERMATOZOA; SKIM MILK.

504 LAYLA, Z. [Natural breeding management of garut sheep]. Tata laksana perkawinan alami domba garut/Layla, Z.; Aminah, S.; Suharto (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 114-116 3 ref. 636/TEM/p

GOATS; ANIMAL BREEDING; SELECTION; PREGNANCY.

505 SAID, S. Rescuing genetic material of unexpectedly die animal. Menyelamatkan materi genetik hewan yang mati mendadak/Said, S. (Pusat Penelitian Bioteknologi, Bogor (Indonesia)); Saili, T. Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 147-152 2 tables; 23 ref.

RATS; SPERMATOZOA; TESTES; GERMLASM.

L40 ANIMAL STRUCTURE / STRUKTUR HEWAN

506 AMINAH, S. [Measurement of garut sheep morphology in experimental cage, Cilebut, Bogor]. Pengukuran morfologi ternak domba garut di kandang percobaan Cilebut Bogor/Aminah, S.; Layla, Z.; Suharto (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). [Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 117-120 2 tables; 4 ref. 636/TEM/p

GOATS; ANIMAL MORPHOLOGY; JAVA.

L51 ANIMAL PHYSIOLOGY - NUTRITION / FISILOGI HEWAN - NUTRISI

507 NATSIR, A. Effects of microwave radiation on rumen degradation characteristics of barley straw cut at two different stages of maturity. Pengaruh radiasi microwave terhadap karakteristik degradasi rumen jerami barley yang dipotong pada tingkat umur yang berbeda/Natsir, A. (Universitas Hasanuddin, Makassar (Indonesia). Fakultas Peternakan). Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 112-117 4 tables; 24 ref.

BARLEY STRAW; MICROWAVE RADIATION; BIODEGRADABILITY; RUMEN DIGESTION; NUTRITIVE VALUE; MATURITY.

508 PRABOWO, A. Utilization of mixed cellulolytic microbes from termite extract, elephant faecal solution and buffalo ruminal fluid to increase in vitro digestibility of King Grass. Penggunaan mikroba selulolitik campuran dari ekstrak rayap, larutan feses gajah dan cairan rumen kerbau untuk meningkatkan pencernaan in vitro rumput raja/Prabowo, A. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)); Padmowijoto, S.; Bachruddin, Z.; Syukur, A.. Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 105-111 1 ill., 2 tables; 23 ref.

PENNISETUM PURPUREUM; WATER BUFFALOES; RUMEN FLUID; ISOPTERA; EXTRACTS; ELEPHANTS; CELLULOLYTIC MICROORGANISMS; FAECES.

509 RUSDI. Effect of polyethylene glycol (PEG) on blood parameters of sheep given *Leucaena pallida* leaves base diet. Pengaruh penambahan polyethylene glycol (PEG) terhadap parameter darah ternak domba yang mendapatkan ransum dasar daun *Leucaena pallida*/Rusdi(Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 18-22 3 tables; 20 ref.

SHEEP; LEUCAENA; FEED LEGUMES; RATIONS; POLYETHYLENE; TANNINS; ADDITIVES; DIGESTIBILITY; BLOOD PROTEINS; DIETS.

510 SUWANDYASTUTI, S.N.O. Rumen metabolism product in male sheep. Produk metabolisme rumen pada domba/Suwandyastuti, S.N.O. (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan). *Animal Production (Indonesia)*. ISSN 1411-2027 (2007) v. 9(1) p. 9-13 3 tables; 14 ref.

RAMS; RUMEN; METABOLISM; FEED GRASSES; FEED CONVERSION EFFICIENCY; DIGESTIBILITY; RATIONS; NUTRITION PHYSIOLOGY.

511 UTAMA, C.S. Effect of mineral addition in fermentation of sorghum grain with tempe yeast on nutrient digestibility in layer chicken. Pengaruh penambahan aras mineral pada fermentasi sorghum dengan ragi tempe terhadap pencernaan nutrien pada ayam petelur/Utama, C.S.; Estiningdriati, I; Yunianto, V.D; Murningsih, W(Universitas Diponegoro, Semarang (Indonesia). Fakultas Peternakan). *Animal Production (Indonesia)*. ISSN 1411-2027 (2007) v. 6(1) p. 14-17 3 tables; 12 ref.

LAYER CHICKENS; SORGHUM; SOYFOODS; FERMENTATION; YEASTS; MINERAL NUTRIENTS; ADDITIVES; DIGESTIBILITY.

L52 ANIMAL PHYSIOLOGY - GROWTH AND DEVELOPMENT / FISILOGI - PERTUMBUHAN DAN PERKEMBANGAN HEWAN

512 DOLOKSARIBU, M. [Effect of mother sheep old on the birth and weaning weight on St. croix Sumatra local breed of sheep]. Pengaruh umur induk beranak terhadap bobot lahir dan sapih pada domba persilangan St.Croix dengan lokal Sumatera/Doloksaribu, M.; Elieser, S. (Loka Penelitian Kambing Potong, Sungai Putih (Indonesia)); Romjali, E..[Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.;

Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 524-528 3 tables; 11 ref. Appendices 631.17.001.5/SEM/p

SHEEP; BREEDS (ANIMALS); AGE; BIRTH WEIGHT; WEANING WEIGHT.

513 ELIESER, S. [Effect of mother weight during married time on the productivity of childs]. Pengaruh bobot badan induk pada saat kawin terhadap produktivitas anak kambing persilangan (Kacang X Boer)/Elieser, S. (Loka Penelitian Kambing Potong, Sungei Putih (Indonesia)); Kristina; Yunilas.[Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 534-538 3 tables; 13 ref. 631.17.001.5/SEM/p

GOATS; MOTHER WEIGHT; PRODUCTIVITY; MORTALITY; BIRTH WEIGHT.

514 MU'IN, M.A. Polymorphism of the growth hormone gene and its association with growth traits in ongole grade crossed with simmental cattle . Polimorfisme gen growth hormone dan hubungannya dengan sifat pertumbuhan sapi silangan peranakan ongole dan simmental/Mu'in, M.A. (Universitas Negeri Papua, Manokwari (Indonesia). Fakultas Peternakan, Perikanan dan Ilmu Kelautan); Astuti, M.; Muladno; Murti, T.W.; Artama, W.T. *Animal Production (Indonesia)*. ISSN 1411-2027 (2007) v. 9(2) p. 53-58 2 tables; 20 ref.

BEEF CATTLE; CROSSBREDS; GROWTH; HORMONES; GENES; POLYMORPHISM.

515 RUDIONO, D. Effect of testosterone hormone and age on muscle development of kacang goat. Pengaruh hormon testosteron dan umur terhadap perkembangan otot pada kambing kacang betina/Rudiono, D. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian). *Animal*

Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 59-66 5 tables; 47 ref.

GOATS; HORMONES; TESTOSTERONE; DOSAGE; MUSCLES; AGE.

L53 ANIMAL PHYSIOLOGY - RE-PRODUCTION / FISILOGI-REPRODUKSI HEWAN

516 ELIESER, S. [Comparison of age puberty and body weight among local goat and crossing goat]. Perbandingan umur pubertas pertama dan bobot badan antara kambing lokal (kacang) dan kambing persilangan (Kacang x Boer)/Elieser, S.; Sariana; Saleh, E. (Loka Penelitian Kambing Potong, Sungei Putih (Indonesia)); Roeswandy.[Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 539-543 2 tables; 10 ref.

631.17.001.5/SEM/p

GOATS; BREEDS (ANIMALS); SEXUAL MATURITY; BODY WEIGHT.

517 PAMUNGKAS, F.A. [Physiological response of Boer goat on wet tropical climate condition]. Respon fisiologi kambing Boer pada kondisi iklim tropis basah/Pamungkas, F.A.; Elieser, S.; Mahmalia, F. (Loka Penelitian Kambing Potong, Sungei Putih (Indonesia)). [Proceeding of the national seminar on research and assessment result socialization]. Prosiding seminar nasional sosialisasi hasil penelitian dan pengkajian pertanian/Yufdy, M.P.; Danil, M.; Nainggolan, P.; Nazir, D.; Suryani, S.; Napitupulu, B.; Ginting, S.P.; Rusastra, I W.(eds.) Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia). Bogor : PSEKP, 2006: p. 512-516 3 tables; 11 ref.

631.17.001.5/SEM/p

GOATS; TROPICAL CLIMATE; TEMPERATURE; RESPIRATION RATE; HEART RATE.

518 SALEH, D.M. Effect of glycerol levels on the motility and fertility of kampung chicken spermatozoa frozen in liquid nitrogen. Pengaruh aras glycerol terhadap motilitas dan fertilitas spermatozoa ayam kampung yang dibekukan dengan nitrogen cair/Saleh, D.M.; Sugiyatno(Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan). Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 45-48 1 table; 11 ref.

CHICKENS; GLYCEROL; MORTALITY; FERTILITY; SPERMATOZOA; LIQUID NITROGEN; FROZEN STORAGE.

519 SETIADI, M.A. Quality of canine epididymal spermatozoa during storage at 4° C. Kualitas spermatozoa epididimis anjing selama penyimpanan pada suhu 4° C/ Setiadi, M.A. (Institut Pertanian Bogor (Indonesia). Fakultas Kedokteran Hewan); Yulnawati; Suprayogi, A.. Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 134-138 2 tables; 23 ref.

DOGS; SPERMATOZOA; TESTES; STORAGE.

520 WIRADIMADJA, R. Age maturity of female japanese quails fed diets containing katuk leave meal (*Sauropus androgynus* L.Merr.). Umur dewasa kelamin puyuh jepang betina yang diberi tepung daun katuk (*Sauropus androgynus*, L. Merr.)/Wiradimadja, R. (Universitas Padjadjaran, Jatinangor-Bandung (Indonesia). Fakultas Peternakan); Piliang, W.G.; Suhartono, M.T.; Manalu, W. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 67-72 1 ill., 3 tables; 24 ref.

QUAILS; AGE; MATURITY; LEAF MEAL; SAUROPUS; RATIONS; PROXIMATE COMPOSITION.

L70 VETERINARY SCIENCE AND HYGIENE - GENERAL ASPECTS/ ILMU VETERINER DAN HIGIENE HEWAN - ASPEK UMUM

521 SRI, A.D.G. Antibiotic activities of anticancer and anti-microbial from endophytic microorganism. Aktivitas antibiotika antikanker dan antimikroba dari mikroorganisme endofitik/Sri, A.D.G.; Raymond J.P.; Linar Z.U.; Hanafi, M.; Kardono, L.B.S.; Viena S.(Pusat Penelitian

Kimia-LIPI, Bandung (Indonesia) ; Harmastini.[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa/ Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 69-73 3 ill., 3 tables; 6 ref.

631.145/.152/SEM/p

TAXUS; ENDOPHYTES; ISOLATION; ANTIBIOTICS; NEOPLASMS; ANTIGENS; ANTIMICROBIAL PROPERTIES; ANTIFUNGAL PROPERTIES; TOXICITY; FERMENTATION.

522 SUMARYADI, M.Y. Effect of specific lactate dehydrogenase antigen from sheep with different prolific type on hematology and antibody responses of chicken. Efek antigen laktat dehidrogenase spesifik dari berbagai tipe domba prolifk terhadap respon hematologis antibodi pada ayam/Sumaryadi, M.Y.(Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Peternakan); Prayitno; Manalu, W. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(1) p. 40-44 1 ill., 1 table; 15 ref.

CHICKENS; SHEEP; LITTER SIZE; LACTATE DEHYDROGENASE; ANTIGENS; IMMUNE RESPONSE; ANTIBODIES.

L73 ANIMAL DISEASES/ PENYAKIT HEWAN

523 DEWIYANTI, R. [Titer antibody illustration in post antraxnose vaccination on goat and sheep in Bogor Regency]. Gambaran titer antibodi pasca vaksinasi antraks pada kambing dan domba di Kabupaten Bogor/ Dewiyanti, R. (Balai Besar Penelitian Veteriner, Bogor (Indonesia)).[Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 274-277 2 tables; 6 ref.

636/TEM/p

SHEEP; GOATS; ANTHRAX; VACCINATION; ANTIBODIES; ENDEMIC.

524 EFENDI, A. [Serological test of paratuberculosis on sheep by Complement Fixation Test (CFT)]. Uji serologi paratuberkulosis pada domba dengan Complement Fixation Test (CFT)/Efendi, A. (Balai Besar Penelitian Veteriner, Bogor (Indonesia)).[Proceeding of national technical meeting of agricultural human resources]. Prosiding temu teknis nasional tenaga fungsional pertanian/Hidayat, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2006: p. 239-241 1 table; 9 ref.

636/TEM/p

SHEEP; IMMUNODIAGNOSIS; TUBERCULOSIS; COMPLEMENT FIXATION TESTS.

525 HARIMURTI, S. Lactic acid bacteria isolated from the gastro-intestinal tract of chicken: potential use as probiotic. Bakteri asam laktat dari intestin ayam sebagai agensia probiotik/Harimurti, S.; Nasroedin (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Peternakan); Rahayu, E.S.; Kurniasih. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 82-91 7 tables; 16 ref.

CHICKENS; LACTIC ACID BACTERIA; DIGESTIVE SYSTEM DISEASES; PROBIOTICS; ISOLATES.

526 SUBEKTI, D.T. Immunopathogenicity of different types of *Toxoplasma gondii*. Immunopatogenesis *Toxoplasma gondii* berdasarkan perbedaan galur/Subekti, D.T. (Balai Penelitian Veteriner, Bogor (Indonesia)); Arrasyid, N.K. Wartazoa (Indonesia). ISSN 0216-6461 (2006) v. 16(3) p. 128-145 2 ill., Bibliography: p. 141-145

ANIMALS; ANIMAL HEALTH; TOXOPLASMA GONDII; PATHOGENICITY; IMMUNOLOGY; BREEDS (ANIMALS).

527 SUSANTI, R. Waterfowl potential as reservoir of high pathogenic avian influenza

H5N1 viruses. Potensi unggas air sebagai reservoir virus high pathogenic avian influenza subtype H5N1/Susanti, R. (Universitas Negeri Semarang (Indonesia). Fakultas Matematika dan Ilmu Pengetahuan Alam); Soejoedono, R.D.; Wibawan, I-W.T.; Mahardika, I-G.N.K.; Suhartono, M.T. Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 160-166 1 ill., 2 tables; 21 ref.

DUCKS; GEESE; WATERFOWL; AVIAN INFLUENZA VIRUS; PCR.

528 TARIGAN, S. Characterisation of enzymatic activities of H5N1 influenza virus. Karakterisasi aktivitas enzimatik neuraminidase virus influenza H5N1/Tarigan,S.; Indriani, R.; Darminto (Balai Besar Penelitian Veteriner, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia). ISSN 0853-7380 (2007) v. 12 (2) p. 153-159 4 ill., 27 ref.

ENZYME ACTIVITY; INFLUENZA VIRUS; CLOSTRIDIUM PERFRINGENS.

529 WARDHANA, A.H. *Chrysomya bezziana*, the cause of myiasis on animal and human: problem and control. *Chrysomya bezziana* penyebab myiasis pada hewan dan manusia: permasalahan dan penanggulangannya/Wardhana, A.H. (Balai Penelitian Veteriner, Bogor (Indonesia)). Wartazoa (Indonesia). ISSN 0216-6461 (2006) v. 16(3) p. 146-159 4 ill., Bibliography: p. 156-159

ANIMALS; ANIMAL HEALTH; ANIMAL DISEASES; CHRYSOMYA; WOUNDS; PESTS OF ANIMALS; ZONOSSES; DISEASE CONTROL.

530 WIDIASTUTI, R. Mycotoxin: its effect on animal health and its residues in animal products and its control. Mikotoksin: pengaruh terhadap kesehatan ternak dan residunya dalam produk ternak serta pengendaliannya/Widiastuti, R. (Balai Penelitian Veteriner, Bogor (Indonesia)). Wartazoa (Indonesia). ISSN 0216-6461 (2006) v. 16(3) p. 116-127 5 tables; Bibliography: p. 123-127

ANIMAL PRODUCTS; ANIMAL HEALTH; MYCOTOXINS; RESIDUES; CONTROL

METHODS; BIOLOGICAL CONTAMINATIONS.

531 ZALIZAR, L. Response of chicken that having experience infection of *Ascaridia galli* to re-infection and it's implication to productivity and quality of eggs. Respon ayam yang mempunyai pengalaman infeksi *Ascaridia galli* terhadap infeksi ulang dan implikasinya terhadap produktivitas dan kualitas telur/ Zalizar, L. (Universitas Muhammadiyah, Malang (Indonesia). Fakultas Peternakan); Satrija, F.; Tiuria, R.; Astuti, D.A. Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 92-98 4 tables; 17 ref.

CHICKENS; ASCARIDIA GALLI; INFECTION; FEED CONSUMPTION; EGGS; QUALITY.

M40 AQUATIC ECOLOGY/ EKOLOGI AKUATIK

532 WAHYONO, S. [Identification of freshwater gastropod population at Saguling dam (West Java)]. Identifikasi populasi gastropoda air tawar di waduk Saguling dan sekitarnya/Wahyono, S. (Pusat Pengkajian dan Penerapan Teknologi Lingkungan, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 274-282 6 tables; 7 ref.

GASTROPODA; POPULATION DYNAMICS; IDENTIFICATION; FRESHWATER; WATER RESERVOIRS; JAVA.

N20 AGRICULTURAL MACHINERY AND EQUIPMENT / MESIN DAN PERALATAN PERTANIAN

533 NOORGINAYUWATI. [Performance of water pump utilization by farmer on dry season farming in monotonous swamp areas]. Keragaan penggunaan pompa air di tingkat petani pada pertanaman musim kemarau di lahan lebak/Noorginayuwati; Rina D.,Y. (Balai Penelitian Pertanian Lahan Rawa Banjarbaru (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie,

A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 261-267 8 tables; 6 ref. 631.145/.152/SEM/p

ORYZA SATIVA; ZEA MAYS; CAPSICUM ANNUUM; CROP MANAGEMENT; PUMPS; EQUIPMENT PERFORMANCE; DRY SEASON; SWAMP SOILS; FARMERS; PARTICIPATION; FARM INCOME.

534 SISWANTO, N. [Study of paddy thresher machine to the rice and rice shell quality of Turgenen, Sumberagung Village, Moyudan Subdistrict of Sleman]. Kajian pengaruh penggunaan alat/mesin perontok padi terhadap mutu hasil gabah/beras di Dusun Turgenen Desa Sumberagung Kecamatan Moyudan Kabupaten Sleman/Siswanto, N.; Purwaningsih, H.; Mudjishono, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 121-126 4 tables; 12 ref. 631.145/.152/SEM/p

RICE; VARIETIES; THRESHERS; MANUAL OPERATION; HUSKING; QUALITY; YIELDS; JAVA.

P01 NATURE CONSERVATION AND LAND RESOURCES / KONSERVASI ALAM DAN SUMBER DAYA LAHAN

535 HASIBUAN, S. [Dimension of environmental manager system of cleaner production effort: case study of crumb rubber industry]. Dimensi sistem manajemen lingkungan yang dominan terhadap upaya produksi bersih perusahaan: studi kasus industri pengolahan karet remah/Hasibuan, S.. Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 254-261

RUBBER; PROCESSING; PRODUCTION; ENVIRONMENTAL FACTORS; MANAGEMENT.

536 WIBOWO, M. [Analysis of land use influence on river flow: Case study at Cikapundung Gandok, Bandung]. Analisis pengaruh perubahan penggunaan lahan terhadap debit sungai: Studi kasus SUB-DAS Cikapundung Gandok, Bandung/Wibowo, M. (Pusat Pengkajian dan Penerapan Teknologi Lingkungan, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 283-287 7 ill., 1 table; 5 ref.

JAVA; RUNOFF; LAND USE; RIVERS; FLOW RATE.

P05 ENERGY RESOURCES MANAGEMENT/ PENGELOLAAN SUMBER DAYA ENERGI

537 ROSYADI, A.I. [Energy cost efficiency in processing to produce sustainable tea]. Efisiensi biaya energi dalam pengolahan untuk memproduksi teh yang berkelanjutan/Rosyadi, A.I. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 103-116 1 ill., 10 tables; 23 ref. 633.72/PER/p

TEA; PROCESSING; THERMAL ENERGY; ENERGY RESOURCES; GEOTHERMAL ENERGY; CASTOR OIL; COST ANALYSIS; ENERGY CONSUMPTION.

P06 RENEWABLE ENERGY RESOURCES / SUMBER DAYA ENERGI TERBARUKAN

538 HERMANTO [Scenario on physic nut (*Jatropha curcas* L.) development supporting bioenergy development at South Sumatra]. Skenario pengembangan tanaman jarak pagar mendukung pengembangan bioenergi di Sumatera Selatan/Hermanto; Kodir, K.A.; Efendy, J. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the national

seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 319-324 1 table; 3 ref.
633.1/.4-115.2/SEM/p/bkl

JATROPHA CURCAS; CASTOR OIL; BIOENERGY; RENEWABLE ENERGY; ECONOMIC ANALYSIS; SUMATRA.

539 SALEH, E. [Bioenergy as energy source and agricultural product diversification]. Bioenergi sebagai sumber energi dan diversifikasi produk pertanian/Saleh, E. (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 47-60 5 ill., 1 table; 5 ref.
633.1/.4-115.2/SEM/p bkl

JATROPHA CURCAS; CASTOR OIL; PROCESSING; BIOFUELS; DIESEL ENGINES; PLANT BREEDING; CULTIVATION.

540 SIAGIAN, V. [Impact of fuels on fuel consumption and alternative development of energy selfsufficiency village at rural areas of South Sumatra]. Dampak kenaikan BBM terhadap konsumsi BBM dan alternatif pengembangan Desa Mandiri Energi di Pedesaan Sumatera Selatan/Siagian, V.; Subowo G. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi

teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 341-352 5 tables; 13 ref.
633.1/.4-115.2/SEM/p/bkl

JATROPHA CURCAS; FUEL CROPS; FUELS; CONSUMPTION; RURAL AREAS.

541 WIDODO, T.W. [Application of biogas technology supporting energy autonomy at rural areas]. Penerapan teknologi biogas untuk menunjang kemandirian energi di pedesaan/Widodo, T.W. (Balai Besar Pengembangan Mekanisasi Pertanian Serpong (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 332-340 5 ill., 4 tables; 14 ref.
633.1/.4-115.2/SEM/p/bkl

FARMYARD MANURE; BIOGAS; ENERGY; ECONOMIC ANALYSIS; RURAL AREAS.

P10 WATER RESOURCES AND MANAGEMENT/ PENGELOLAAN DAN SUMBER DAYA AIR

542 JUANDA J, D. [Soil and water management on conservation farming system in Juweh Subwatershed, Bogowonto watershed (Central Java)]. Pengelolaan tanah dan air dalam sistem usahatani konservasi di Sub DAS Juweh DAS Bogowonto/Juanda J, D.; Susilo, J.; Sudadiyono (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.;

Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 97-104 6 tables; 4 ref. 631.17:332.158/SEM/p

JAVA; SOIL MANAGEMENT; WATER MANAGEMENT; FARMING SYSTEMS; WATERSHED MANAGEMENT; SOIL CONSERVATION.

543 KOMARAWIDJAJA, W. [Status of Waduk Cirata water quality and its impact on fish growth]. Status kualitas air waduk Cirata dan dampaknya terhadap pertumbuhan ikan budidaya/ Komarawidjaja, W. (Pusat Pengkajian dan Penerapan Teknologi Lingkungan, Jakarta (Indonesia)); Sukimin, S.; Arman, E.. Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 268-273

CYPRINUS CARPIO; FRESHWATER FISHES; WATER RESERVOIRS; WATER QUALITY; EUTROPHICATION; AQUACULTURE; GROWTH RATE.

544 PADMONO, D. [Slaughterhouse waste processing alternatif at Cakung , West Java]. Alternatif pengolahan limbah rumah potong hewan - Cakung (suatu studi kasus)/Padmono,D .(Pusat Pengkajian dan Penerapan Teknologi Lingkungan, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 303-310 2 ill., 4 tables; 12 ref.

WASTES; WASTEWATER; TREATMENT; ABATTOIR BY PRODUCTS; ANAEROBOSIS; COMPOSTS; JAVA.

545 RUNTUNUWU, E. Global water balance distribution. [Distribusi air berimbang dunia]/ Runtunuwu, E. (Balai Penelitian Agroklimat dan Hidrologi, Bogor (Indonesia)). Buletin Hasil Penelitian Agroklimat dan Hidrologi (Indonesia). ISSN 0216-3934 (2006) v. 3(1) p. 1-10 7 ill., 2 tables; 17 ref.

WATER BALANCE; CLIMATIC CHANGE; CLIMATIC FACTORS; EVAPOTRANSPIRATION ZONE; DATA ANALYSIS.

546 SUARDANA, I W. Characterization of wastewater at the Pesanggaran slaughterhouse. Karakterisasi limbah cair rumah pemotongan hewan Pesanggaran/ Suardana, I W. (Universitas Udayana, Denpasar (Indonesia). Fakultas Kedokteran Hewan) . Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 116-122 1 ill., 1 table; 14 ref.

ABATTOIRS; WASTEWATER TREATMENT; TEMPERATURE; BALI.

P11 DRAINAGE / DRAINASE

547 SAWIYO. [The use at channel reservoir development for flood and drought controlling: Case study in Ciboga Sub Watershed, Ciliwung Watershed, Bogor]. Manfaat pengembangan DAM parit untuk pengendalian banjir dan kekeringan : study kasus sub DAS Cibogo, DAS Ciliwung, Bogor (Indonesia)/Sawiyo (Balai Penelitian Agroklimat dan Hidrologi, Bogor (Indonesia)). Buletin Hasil Penelitian Agroklimat dan Hidrologi (Indonesia). ISSN 0216-3934 (2006) v. 3(1) p. 11-27 9 ill., 1 table; 13 ref.

JAVA; DAMS; WATER RESERVOIRS; FLOOD CONTROL; DROUGHT STRESS; WATERSHED MANAGEMENT; CANALS; DRAINAGE SYSTEMS.

P33 SOIL CHEMISTRY AND PHYSICS/ KIMIA DAN FISIKA TANAH

548 HILMAN, Y. Characteristics of phosphate rock materials from China, Indonesia and Tunisia and their dissolution in Indonesian acid soils/Hilman, Y. (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)); Musa, M.H.; Rahim, A.A.; Hashim, A.; Adiningsih, J.S.. Indonesian Journal of Agricultural Science (Indonesia).: I ISSN 1411-982X (2006) v. 7(2) p. 43-50 5 ill., 4 tables; 27 ref.

INDONESIA; CHINA; TUNISIA; ACID SOILS; ROCK PHOSPHATE; CHEMICOPHYSICAL PROPERTIES; DISSOLVING.

549 NOOR, M. [Study on leachetes chemical properties of wetting and drying on acid sulphate soils of Kalimantan]. Kajian sifat kimia air lindian dari pembasahan dan pengeringan tanah sulfat masam Kalimantan/Noor, M. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)) ; Maas, A.; Notohadikusumo, T. *Jurnal Ilmu Tanah dan Lingkungan* (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 55-62 6 ill., 2 tables; 12 ref.

KALIMANTAN; ACID SULPHATE SOILS; LEACHATES; DRYING; SOIL CHEMICOPHYSICAL PROPERTIES.

550 NURCHOLIS, M. Some properties and problems of smectite minerals in Java soils/Nurcholis, M. (Universitas Pembangunan Nasional Veteran, Yogyakarta (Indonesia)). *Jurnal Ilmu Tanah dan Lingkungan* (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 63-70 4 ill; 16 ref.

JAVA; SOIL CHEMICOPHYSICAL PROPERTIES; MINERAL SOILS; SMECTITES.

551 SUHARDJO, M. [Implementation of soil conservation on soil physical properties improvement in dry land of Yogyakarta]. Penerapan konservasi tanah terhadap perbaikan sifat fisik tanah di lahan kering D.I. Yogyakarta/Suhardjo, M.; Sudihardjo; Riyanto, D. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)); Idjuddin, A.A. [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 83-96 4 tables; 14 ref. 631.17.332.158/SEM/p

JAVA; SOIL CONSERVATION; SOIL CLASSIFICATION; SOIL CHEMICOPHYSICAL PROPERTIES; SOIL STRUCTURE; LAND USE; UPLAND SOILS; DRY FARMING.

P34 SOIL BIOLOGY/BIOLOGI TANAH

552 WIRANTI, E.W. [Farmer's perception toward the used of mycorrhizae technology to watermelon cultivation in Yogyakarta's South coastal area of Yogyakarta special region]. Persepsi petani terhadap teknologi penggunaan mikoriza untuk budidaya semangka di lahan pasir pantai selatan DIY/Wiranti, E.W.; Martini, T.; Hendrata, R.; Masyhudi, M.F. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 233-237 3 tables; 6 ref. 631.145/.152/SEM/p

CITRULLUS LANATUS; CULTIVATION; MYCORRHIZAE; INNOVATION; FARMERS; SENSES; TECHNOLOGY TRANSFER; SANDY SOILS; PROFITABILITY; JAVA.

P35 SOIL FERTILITY / KESUBURAN TANAH

553 GUNADI, S. [Dynamic of organic matter availability from green fertilizer and compost residues in relation with soil physical properties in coastal soil]. Dinamika ketersediaan bahan organik dari residu pupuk hijau dan kompos dalam kaitannya dengan sifat fisik tanah pasiran di lahan pantai/Gunadi, S.; Sudyastuti, T. (Universitas Gajah Mada, Yogyakarta (Indonesia). Fakultas Teknologi Pertanian). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 43-50 4 ill; 3 tables; 11 ref. 631.17.332.158/SEM/p

ARACHIS HYPOGAEA; SWEET CORN;
ORGANIC MATTER; ORGANIC
FERTILIZERS; COMPOSTS; SANDY
SOILS; SOIL CHEMICOPHYSICAL
PROPERTIES; PLANT RESPONSE;
COASTAL PLAINS.

554 HIKMATULLAH. Soil properties of the Alluvial plain and its potential use for agriculture in Donggala Region Central Sulawesi /Hikmatullah (Balai Besar Sumber Daya Lahan Pertanian, Bogor (Indonesia)); Al-Jabri, M. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2007) v. 8(2) p. 67-74 2 ill., 5 tables; 25 ref.

SULAWESI; ALLUVIAL SOILS; SOIL
CHEMICOPHYSICAL PROPERTIES;
ORGANIC MATTER; SOIL FERTILITY.

555 NOOR, M. [Effect of leaching and amelioration for rice (*Oryza sativa*) growth in the acid sulphate soil of Kalimantan]. Pengaruh pelindian dan ameliorasi terhadap pertumbuhan padi (*Oryza sativa*) di tanah sulfat masam Kalimantan/Noor, M.(Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)); Maas A.; Notohadikusumo, T. Jurnal Ilmu Tanah dan Lingkungan (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 38-54 10 ill; 6 tables; 18 ref.

ORYZA SATIVA; GROWTH; LEACHING;
ORGANIC FERTILIZERS; SOIL
CHEMICOPHYSICAL PROPERTIES; ACID
SULPHATE SOILS; KALIMANTAN.

556 NURSYAMSI, D. [Research on the soil testing correlation of phosphorus in Andisol soil for soybean (*Glycine max* L.)]. Penelitian korelasi uji tanah hara phosphorus di tanah Andisol untuk kedelai (*Glycine max* L.) /Nursyamsi, D. (Balai Penelitian Tanah, Bogor (Indonesia)); Fajri, N. Jurnal Ilmu Tanah dan Lingkungan (Indonesia). ISSN 0853-6368 (2005) v. 5(2) p. 27-37 1 ill; 5 tables; 21 ref.

GLYCINE MAX; PHOSPHORUS;
NUTRIENTS; ANDOSOLS; SOIL
ANALYSIS.

557 RACHMIATI, Y. [Technology of increasing sustainable soil fertility]. Teknologi peningkatan kesuburan lahan yang berkelanjutan/Rachmiati, Y.; Salim, A.A. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 39-48 10 ref. 633.72/PER/p

SOIL FERTILITY; NUTRIENT
AVAILABILITY; ORGANIC MATTER;
CYCLING; SOIL MANAGEMENT;
SUSTAINABILITY.

P36 SOIL EROSION, CONSERVATION AND RECLAMATION / EROSI, KONSERVASI DAN REKLAMASI TANAH

558 RAHARDJO, P. [Technology of land conservation]. Teknologi konservasi lahan/Rahardjo, P. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 25-38 4 tables; 27 ref. 633.72/PER/p

SOIL CONSERVATION; SOIL PH;
EROSION; SOIL ORGANIC MATTER;
SOIL COMPACTION.

559 WIDODO, L. [Problem of reclamation in coastal area through dynamic model]. Kecenderungan reklamasi wilayah pantai dengan pendekatan model dinamik/Widodo, L. (Pusat Pengkajian dan Penerapan Teknologi, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 330-335 8 ill., 5 ref.

COASTAL SOILS; RECLAMATION;
DYNAMIC MODELS.

P40 METEOROLOGY AND CLIMATOLOGY / METEOROLOGI DAN KLIMATOLOGI

560 SUCIANTINI. [Relationship between SOI (Southern Oscillation Index) and early season at Indramayu]. Hubungan SOI (Southern Oscillation Index) dengan awal musim di Indramayu/Suciantini (Balai Penelitian Agroklimat dan Hidrologi, Bogor (Indonesia)). Buletin Hasil Penelitian Agroklimat dan Hidrologi (Indonesia). ISSN 0216-3934 (2006) v. 3(1) p. 54-67 7 ill., 5 tables; 5 ref.

JAVA; CLIMATE; DRY SEASON; WET SEASON; CLIMATIC FACTORS; CLIMATOLOGY.

561 SYAHBUDDIN, H. Rainfall anomaly on 2010-2040 in Indonesia; simulated by ARPEGE climate version 3.0 model. Anomali curah hujan periode 2010-2040 di Indonesia disimulasikan dengan model Arpege Climate Version 3.0/Syahbuddin, H.; Wihendar, T.N. (Balai Penelitian Agroklimat dan Hidrologi, Bogor (Indonesia)). Buletin Hasil Penelitian Agroklimat dan Hidrologi (Indonesia). ISSN 0216-3934 (2006) v. 3(1) p. 28-43 7 ill., 8 ref.

RAIN; CLIMATE; PERIODICITY; SIMULATION; DATA ANALYSIS; SIMULATION MODELS.

562 SYAMSUDIN, F. [Global dimming and future climate change in Indonesia]. Global dimming dan masa depan perubahan iklim di Indonesia/Syamsudin, F. (Pusat Pengkajian dan Penerapan Teknologi Inventarisasi Sumberdaya Alam, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 319-323 3 ill., 13 ref.

INDONESIA; IMAGERY; SATELLITES; SOLAR RADIATION; CLIMATIC CHANGE; FORECASTING.

Q01 FOOD SCIENCE AND TECHNOLOGY / ILMU DAN TEKNOLOGI PANGAN

563 ANDRIYANI, R. [Antibacterial activity of temu tis (*Curcuma purpurascens* BI)]. Aktivitas antibakteri temu tis (*Curcuma*

purpurascens BI.)/Andriyani, R.; Udin, L.Z.(Pusat Penelitian Kimia-LIPI, Bandung (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 45-54
631.145/.152/SEM/p

CURCUMA; BACILLUS SUBTILIS; GAS CHROMATOGRAPHY; CHEMICAL COMPOSITION.

564 HERMINIATI, A. [Dextrin utilization from arrowroot starch as food base to children with autism]. Pemanfaatan dekstrin dari pati garut sebagai bahan dasar makanan bagi penyandang autisme/Herminiati, A.; Abbas, A. (Balai Besar Pengembangan Teknologi Tepat Guna-LIPI, Subang (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 61-68
631.145/.152/SEM/p

ARROWROOT; STARCH PRODUCTS; DEXTRINS; FOODS; HUMAN DISEASES.

565 MIZWAR. Isolation and characterization phytase from *Aspergillus ficuum* yielded on solid state fermentation. Isolasi dan karakterisasi phytase dari *Aspergillus ficuum* hasil fermentasi pada media padat/Mizwar (Universitas Jember (Indonesia). Fakultas Pertanian); Oktarina. Agritrop (Indonesia). ISSN 1693-2897 (2007) v. 5(2) p. 56-60 1 ill., 1 table; 18 ref.

ASPERGILLUS; ISOLATION TECHNIQUES; PURIFICATION; PHYTASE; FERMENTATION; SOLID STATE FERMENTATION.

Q02 FOOD PROCESSING AND PRESERVATION / PENGOLAHAN DAN PENGAWETAN PANGAN

566 ABBAS, A. Functional tea cinnamon based beverage for those who suffer from diabetes mellitus. Minuman fungsional berbahan dasar teh dan kayu manis untuk penderita diabetes/Abbas, A. (Balai Besar Pengembangan Teknologi Tepat Guna-LIPI, Subang (Indonesia)) ; Mahmudatussaadah, A. [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 105-110 1 ill., 2 tables; 20 ref.
631.145/.152/SEM/p

TEA; CINNAMON; BEVERAGES; GUM ARABIC; ANTIOXIDANTS; HYPERGLYCAEMIA; SOAKING; EXTRACTION; PROXIMATE COMPOSITION; DIABETES.

567 ANTARLINA, S.S. [Characteristic of "Binjai" mango and its processed product supporting agroindustry at South Kalimantan]. Karakteristik buah mangga cv Binjai dan produk olahannya mendukung agroindustri di Kalimantan Selatan/Antarlina, S.S. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 203-211 1 ill., 3 tables; 7 ref. Appendix
633.1/.4-115.2/SEM/p bkl

MANGIFERA; VARIETIES; FOOD TECHNOLOGY; FRUIT PRODUCTS; CHEMICOPHYSICAL PROPERTIES; KALIMANTAN.

568 ASTUTI, W. Processing of natural zeolite from Lampung as adsorbent in decreasing of free fatty acid content in crude palm oil. Pengolahan zeolit alam Lampung untuk menurunkan kadar asam lemak bebas dalam minyak kelapa sawit/Astuti, W.; Junaedi, A.(Balai Pengolahan Mineral-LIPI, Lampung-Tanjung Bintang (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 89-96 7 ill., 4 ref.
631.145/.152/SEM/p

ZEOLITES; PROCESSING; ADSORBENT; HEATING; OVENS; FREE FATTY ACIDS; ADSORPTION; PALM OILS.

569 DJAAFAR, T.F. The characteristic of arrow root tuber (*Marantha arundinacea*) in various age harvest and its product. Karakteristik rimpang garut (*Marantha arundinacea*) pada berbagai umur panen dan produk olahannya/Djaafar, T.F.; Rahayu, S.; Sarjiman(Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional : Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 23-28
631.145/.152/SEM/p

MARANTA ARUNDINACEA; ARROWROOT; PROCESSED PRODUCTS; STARCH PRODUCTS; PROCESSING; HARVESTING DATE; PROXIMATE COMPOSITION.

570 KENDRIYANTO. [Influence of steaming to the peel processed of cashew seed]. Pengaruh pengukusan terhadap proses pengupasan gelondong mente/Kendriyanto; Suprpto; Sutanto, A. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran

(Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 247-251 4 tables; 5 ref. 631.145/.152/SEM/p

CASHEWS; SEED; PEELING; STEAMING; EPIDERMIS; WORK CAPACITY.

571 LUKMAN, W. [Quality improvement on peeling techniques of cashew nut through steaming]. Teknik perbaikan kualitas pengkacipan buah mete dengan pengukusan/Lukman, W. (Balai Penelitian Tanaman Rempah dan Obat, Bogor, (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 12-15 1 ill., 4 tables; 8 ref.

CASHEWS; PEELING; STEAMING; PROCESSING; QUALITY.

572 MURWATI. [Agribusiness chance of bread fruit products in Ngruno Village, Kulon Progo]. Peluang agribisnis produk buah sukun di Dusun Ngruno Kulon Progo/Murwati; Djafar, T.F.; Rahayu, S. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 287-292 4 tables; 10 ref. 631.17.332.158/SEM/p

ARTOCARPUS ALTILIS; TROPICAL CROPS; PROCESSED PLANT PRODUCTS; AGROINDUSTRIAL SECTOR; PRODUCTION COSTS; JAVA.

573 PRAYITNO. Extraction of collagen from chicken feet with various acidic solutions and soaking time. Ekstraksi kolagen cakar ayam dengan berbagai jenis larutan asam dan lama perendamannya/Prayitno (Universitas Jenderal Sudirman, Purwokerto (Indonesia). Fakultas Peternakan) . Animal Production (Indonesia). ISSN 1411-2027 (2007) v. 9(2) p. 99-104 2 ill., 2 tables; 17 ref.

CHICKENS; FEET; AMINO ACIDS; SOAKING; COLLAGEN.

574 ROHDIANA, D. [Development of downstream product for sustainable tea industry]. Pengembangan produk hilir untuk industri teh berkelanjutan/Rohdiana, D. (Pusat Penelitian Teh dan Kina, Gambung (Indonesia)). [Proceedings of the technical meeting on sustainable tea industry]. Prosiding pertemuan teknis industri teh berkelanjutan: sustainable tea/Suprihatini, R.; Rayati, D.J.; Widayat, W.; Rosyadi, A.I.; Sriyadi, B.; Rahardjo, P. (eds.) Pusat Penelitian Teh dan Kina, Gambung (Indonesia). Gambung : Puslit Teh dan Kina, 2006: p. 69-72 3 ill., 22 ref. 633.72/PER/p

TEA; TEA INDUSTRY; PROCESSING; CATECHIN; INSTANT FOOD.

575 SETIAWAN, O. [Preservation techniques of coconuts using natrium metasulphite]. Teknik pengawetan buah kelapa muda menggunakan natrium metasulfit/Setiawan, O.; Sunarya, A. (Loka Penelitian Tanaman Sela Perkebunan, Pakuwon-Sukabumi (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 1-4 4 tables; 6 ref.

COCONUTS; PROCESSING; PRESERVATION; SODIUM SULPHITE; PRESERVATIVES; CHEMICOPHYSICAL PROPERTIES; STORAGE; KEEPING QUALITY.

576 SULADRA, M. [Utilization of pure dry inoculum of yeast on the chemical and organoleptic properties of solid brem]. Penggunaan inokulum murni kering terhadap sifat kimia dan sifat organoleptik brem padat yang dihasilkan/Suladra, M. (Universitas Widya Mataram, Yogyakarta (Indonesia).

Fakultas Teknologi Pertanian).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 363-368 2 tables; 10 ref.
631.17.332.158/SEM/p

RICE; FERMENTED PRODUCTS;
YEASTS; CHEMICOPHYSICAL
PROPERTIES; ORGANOLEPTIC
PROPERTIES.

577 TRIYONO, A. [Technology of dekstrin from taro starch]. Upaya memanfaatkan umbi talas (*Colocasia esculenta*) sebagai sumber bahan pati pada pengembangan teknologi pembuatan dekstrin/Triyono, A. (Balai Besar Pengembangan Teknologi Tepat Guna-LIPI, Subang (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 97-103 5 ill., 3 tables; 13 ref.
631.145/.152/SEM/p

COLOCASIA ESCULENTA; STARCH;
PROCESSING; DEXTRINS; MOISTURE
CONTENT; ASH CONTENT; GLUCOSE;
VISCOSITY; ENZYMES.

578 WARYAT. [Characteristic of grape (*Vitis vinifera*) quality which coated with carrageenan as raw material]. Karakteristik mutu buah anggur (*Vitis vinifera*) yang dilapisi edible coating berbahan dasar karagenan *Eucheuma cottonii*/Waryat; Thoharoh, T (Balai Pengkajian Teknologi Pertanian DKI Jakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional : Iptek solusi kemandirian bangsa

/Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 29-36
631.145/.152/SEM/p

GRAPES; COATING; EDIBLE FILM;
PROTECTIVE COATING;
CARRAGEENANS; STABILIZERS;
CHEMICAL COMPOSITION.

579 YANURIATI, A. [Physicochemical characteristics of lanzones from South Sumatra and its potential development for various processed products]. Karakteristik fisikokimia duku Sumatera Selatan dan potensi pengembangannya menjadi berbagai produk olahan/Yanuriati, A. (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 193-202 1 ill., 3 tables; 7 ref. Appendix
633.1/.4-115.2/SEM/p bkl

LANSIUM DOMESTICUM; FOOD
TECHNOLOGY; CHEMICOPHYSICAL
PROPERTIES; RAISINS; FRUIT PULPS;
SUMATRA.

Q04 FOOD COMPOSITION / KOM- POSISI PANGAN

580 PARWIYANTI [Chemico physical properties and detoxification method of *Dioscorea hispida* Denuts. tuber]. Sifat fisiko kimia dan metode detoksifikasi umbi gadung (*Dioscorea hispida* Denuts.)/Parwiyanti (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian)).[Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1].

Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 260-265 4 tables; 11 ref.
631.1/4-115.2/SEM/p bkl

YAMS; DIOSCOREA HISPIDA; TUBERS; CHEMICOPHYSICAL PROPERTIES; DETOXIFICATION; CHEMICAL COMPOSITION.

581 SUNARLIM, R. [Influence of gingers and pandants leaf extract to the physical characteristic, nutritious and taste of goat milk caramel]. Penambahan ekstrak jahe dan daun pandan terhadap sifat fisik, nilai gizi dan cita rasa karamel susu kambing/Sunarlim, R.; Triyantini (Balai Besar Penelitian dan Pengembangan Pasca Panen Pertanian, Bogor (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa/ Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 37- 44
631.145/.152/SEM/p

GOATS; GOAT MILK; PROCESSED PRODUCTS; FLAVOURINGS; GINGER; PANDANUS; PROXIMATE COMPOSITION; ORGANOLEPTIC PROPERTIES.

582 SURYANI, CH. L. [Improving functional characteristic of cowpea flour with germination process to improve physical properties and preference level of sausage]. Peningkatan sifat fungsional tepung kacang tunggak dengan perkecambahan untuk memperbaiki sifat fisik dan tingkat kesukaan sosis (Sausage-like)/ Suryani, Ch. L.; Wesniati, N. (Universitas Wanga Manggala, Yogyakarta (Indonesia). Fakultas Teknologi Pertanian).[Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar

nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjishono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 347-353 6 tables; 21 ref.
631.17.332.158/SEM/p

COWPEAS; FLOURS; GERMINABILITY; PROXIMATE COMPOSITION; CHEMICO-PHYSICAL PROPERTIES; QUALITY.

583 WIDOWATI, S. Hypoglycemic activity of some Indonesian rice varieties and their physicochemical properties/Widowati, S. (Balai Besar Penelitian dan Pengembangan Pasca Panen, Bogor (Indonesia)); Astawan, M.; Muchtadi, D.; Wresdiyati, T.. Indonesian Journal of Agricultural Science (Indonesia). ISSN 1411-982X (2006) v. 7(2) p. 57-66 2 ill., 6 tables; 36 ref.

ORYZA SATIVA; VARIETIES; HYPOGLYCAEMIA; LABORATORY ANIMALS; CHEMICOPHYSICAL PROPERTIES.

Q05 FOOD ADDITIVES / ZAT TAMBAHAN PANGAN

584 RADIYATI, T. [Effect sucrose and sodium bicarbonate addition on the quality of *Curcuma domestica* effervescent tablete. Pengaruh penambahan sukrosa dan sodium bikarbonat terhadap kualitas tablet effervescent kunyit (*Curcuma domestica* VAHL)/Radiyah, T.(Balai Besar Pengembangan Teknologi Tepat Guna - LIPI, Subang (Indonesia)).[Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjishono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 149-156 2 ill., 10 tables; 7 ref.
631.145/.152/SEM/p

CURCUMA LONGA; PROCESSING; MOULDING; SUCROSE; SODIUM BICARBONATE; MOISTURE CONTENT;

ASH CONTENT; ORGANOLEPTIC PROPERTIES.

Q52 FEED PROCESSING AND PRESERVATION / PENGOLAHAN DAN PENGAWETAN PAKAN

585 WINARTI, E. [Improvement of male duck feed through fermentation of lactic acid bacteria]. Perbaikan pakan itik jantan melalui fermentasi bakteri asam laktat/Winarti, E.; Wardhani, N.K.; Aryanti, D. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa/ Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 139-141 3 tables; 8 ref. 631.145/.152/SEM/p

DUCKS; MALES; FEEDS; FERMENTATION; LACTIC ACID BACTERIA; FATTENING; FEED INTAKE; FEED CONVERSION EFFICIENCY; ANIMAL PERFORMANCE.

Q55 FEED ADDITIVES / ZAT TAMBAHAN PADA PAKAN

586 JULENDRA, H. [Effect of earth worm (*Lumbricus rubellus*) flour as feed supplement on the activity of *Salmonella pullorum* by *in vitro* experimentation]. Pengaruh penambahan tepung cacing tanah (*Lumbricus rubellus*) sebagai suplemen pakan terhadap aktivitas *Salmonella pullorum* dengan uji *in-vitro*/ Julendra, H. (Balai Pengembangan Proses dan Teknologi Kimia-LIPI Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p.355-361 6 ill.; 1 table; 13 ref. 631.17.332.158/SEM/p

LUMBRICUS RUBELLUS; POWDERS; FEED ADDITIVES; CHICKENS; SALMONELLA; BACTERICIDES; IN VITRO EXPERIMENTATION.

Q60 PROCESSING OF NON-FOOD OR NON-FEED AGRICULTURAL PRODUCTS / PENGOLAHAN HASIL PERTANIAN NON-PANGAN ATAU NON-PAKAN

587 HAYANI, E. [Analysis techniques of pogostemon oil quality]. Teknik analisis mutu minyak nilam/Hayani, E. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Buletin Teknik Pertanian (Indonesia). ISSN 0853-8379 (2005) v. 10(1) p. 20-22 2 tables; 6 ref.

POGOSTEMON CABLIN; ESSENTIAL OILS; PLANT EXTRACTS; CHEMICOPHYSICAL PROPERTIES; ANALYTICAL METHODS; QUALITY.

588 ONGGO, H. Study of PP-Kenaf blending process and their characteristic/Onggo, H.; Subowo, W.S.(Pusat Penelitian Fisika - LIPI, Bandung (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 127-131 1 ill., 5 tables; 8 ref. 631.145/.152/SEM/p

KENAF; POLYPROPYLENE; MIXING; GRAVIMETRY; THERMAL ANALYSIS; DIFFERENTIAL THERMAL ANALYSIS; PRESSING; DENSITY; ELASTICITY; STRENGTH.

589 SALIM, T. [Analysis of patchouly distilling technology application in Cupunagara Village, Cislak Subdistrict, Subang District]. Analisis penerapan teknologi penyulingan nilam di Desa Cupunagara Kecamatan Cislak Kabupaten Subang/ Salim, T.; Sriharti. (Balai Besar Pengembangan Teknologi Tepat Guna - LIPI, Subang (Indonesia)). [Proceedings of national seminar on the science and technology].

Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 143-148 5 tables; 6 ref. 631.145/.152/SEM/p

POGOSTEMON CABLIN; DISTILLING; STEAMING; APPROPRIATE TECHNOLOGY; FARMERS ASSOCIATIONS; AGRICULTURAL ECONOMICS; TECHNOLOGY TRANSFER; SOCIOECONOMIC ENVIRONMENT; JAVA.

590 SUBOWO, W.S. Utilizing kapok fiber as sound absorption material/Subowo, W.S.; Onggo, H. (Pusat Penelitian Kimia-LIPI, Bandung (Indonesia)) ; Sarwono,J. [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 83-88 4 ill., 2 tables; 6 ref. 631.145/.152/SEM/p

KAPOK; FIBRES; RAW MATERIALS; SOUND; ABSORPTION; ACOUSTIC PROPERTIES; TRANSMISSIONS.

591 SUBOWO, W.S. [Utilization of kapok fibre for helmet shock absorbing liner]. Pemanfaatan serat kapok untuk helmet shock absorbing liner/Subowo, W.S.; Onggo, H.; Sudirman (Pusat Penelitian Fisika - LIPI, Bandung (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 157-160 2 ill., 1 table; 5 ref. 631.145/.152/SEM/p

KAPOK; FIBRES; USES; PRESSING; SUSPENSION SYSTEMS; ABSORBANCE.

Q70 PROCESSING OF AGRI - CULTURAL WASTES / PENG-OLAHAN LIMBAH PERTANIAN

592 SAHWAN, F.L. [Plastic waste processing in Indonesia]. Sistem pengelolaan limbah plastik di Indonesia/Sahwan, F.L.; Martono, D.H.; Wahyono, S. (Pusat Pengkajian dan Penerapan Teknologi Lingkungan, Jakarta (Indonesia)); Wisoyodharmo, L.A.. Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 311-318 3 ill., 6 tables; 6 ref.

PLASTIC; WASTE MANAGEMENT; RECYCLING; INDONESIA.

593 ANGWAR, M. [Processing of shrimp shell for chitin and chitosan production on friendly environment at large scale]. Pengembangan teknik pengolahan kulit udang untuk produksi kitin dan kitosan skala besar yang ramah lingkungan/Angwar, M.; Nisa, K. (UPT BPPTK LIPI, Yogyakarta (Indonesia)). [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional : Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 17-22 631.145/.152/SEM/p

PRAWNS AND SHRIMPS; SHELL; SEPARATING; CHITIN; CHITOSAN; SEPARATOR.

594 HARYATI, T. Biogas: animal waste that can be alternative energy source. Biogas: limbah peternakan yang menjadi sumber energi alternatif/Haryati, T. (Balai Penelitian Ternak, Ciawi-Bogor (Indonesia)). Wartazoa (Indonesia). ISSN 0216-6461 (2006) v. 16(3) p. 160-169 2 ill., 5 tables; 18 ref.

BIOFUELS; FARMYARD MANURE; WASTEWATER MANAGEMENT; RENEWABLE RESOURCES.

595 PEBRIYADI, B. [Utilization of ruminants wastes for methane gas (biogas) at East Kalimantan]. Pemanfaatan limbah ternak ruminansia di Kalimantan Timur menjadi gas metan (Biogas)/ Pebriyadi, B. (Balai Pengkajian Teknologi Pertanian Kalimantan Timur, Samarinda (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 303-307 1 ill., 9 ref.

633.1/4-115.2/SEM/p/bkl

LIVESTOCK; WASTES; BIOGAS; METHANE; TECHNOLOGY TRANSFER; USES; ENERGY; KALIMANTAN.

596 RAHARDJO, Y.P. [Briquette charcoal as alternative fuels at Donggala Regency]. Arang briket sebagai alternatif bahan bakar di Kabupaten Donggala/Rahardjo, Y.P.; Khairani, C.; Utami, R. (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, (Indonesia)). [Proceedings of the national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 353-357 4 tables; 5 ref.

633.1/4-115.2/SEM/p/bkl

COCONUTS; CROPS; RESIDUES; BRIQUETTES; CHARCOAL; PROCESSING; ECONOMIC ANALYSIS; SULAWESI.

597 SUHARTO. [Effect of catalyst concentration on furfural on maizecob hydrolysis]. Pengaruh konsentrasi katalis terhadap perolehan furfural pada hidrolisis tongkol jagung/ Suharto (Balai Pengembangan

Proses dan Teknologi Kimia, Yogyakarta (Indonesia)); Susanto, H. [Proceedings of national seminar on the science and technology]. Prosiding seminar nasional: Iptek solusi kemandirian bangsa /Mudjisihono, R.; Udin, L.Z.; Moeljopawiro, S.; Soegandhi, T.M.S.; Kusnowo, A.; Karossi, A.T.A.; Masyudi, M.F.; Sudihardjo, A.M.; Musofie, A.; Wardhani, N.K.; Sembiring, L.; Hartanto (eds.) Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2006: p. 167-171 2 ill., 1 table; 3 ref.

631.145/.152/SEM/p

MAIZE; WASTES; PENTOSANS; HYDROLYSIS; CATALYSTS; SULPHURIC ACID; FURFURAL; DIGESTERS.

Q80 PACKAGING / PENGEMASAN

598 NURHIKMAT, A. [Effect of commercial sterilization on the moisture content, protein and total plate count of canned *Auricularia polytricha*]. Pengaruh sterilisasi komersial terhadap kadar air, protein dan TPC jamur kuping (*Auricularia polytricha*) kalengan/ Nurhikmat, A.; Rosyida, V.T. (Balai Pengembangan Proses dan Teknologi Kimia-LIPI, Yogyakarta (Indonesia)). [Proceedings of the national seminar on implementation of agricultural research and development results to increase communities welfare]. Prosiding seminar nasional implementasi hasil penelitian dan pengembangan pertanian untuk peningkatan kesejahteraan masyarakat/ Mudjisihono, R.; Wardhani, N.K.; Koesnowo, A.; Musofie, A.; Sukara, E.; Masyhudi, M.F.; Isnijah, S. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2005: p. 375-379 4 ill.; 8 ref.

631.17.332.158/SEM/p

AURICULARIA; POSTHARVEST TECHNOLOGY; HANDLING; KEEPING QUALITY; STERILIZING; CANNING; MOISTURE CONTENT; PROTEINS.

599 SETIONO, D. [Testing of hermetically sealed storage for milling yield, rice quality and seed storability]. Pengujian kantong semar (Hermetically sealed storage) untuk rendemen giling, mutu beras, dan daya simpan benih/ Setiono, D.; Sutrisno; Raharjo, B. (Balai Besar Penelitian dan Pengembangan Tanaman Sukamandi (Indonesia)). [Proceedings of the

national seminar on technology innovation supporting national food production increase and bioenergy development for farmers welfare. Book 1]. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani. Buku 1/Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.) Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia). Bogor : BBP2TP, 2007: p. 89-98 7 ill., 5 tables; 9 ref. 633.1/.4-115.2/SEM/p bkl

RICE; QUALITY; SEED STORAGE; DRYING; MILLING; SEED LONGEVITY;

GERMINABILITY; OXYGEN; PACKAGING MATERIALS.

T01 POLLUTION / POLUSI

600 SOPIAH, N. [Chemical transformation of sulfur, impacts and its management]. Transformasi kimia senyawa belerang, dampak dan penanganannya/Sopiah, N. (Balai Teknologi Lingkungan-BPPT, Jakarta (Indonesia)). Jurnal Teknologi Lingkungan (Indonesia). ISSN 1411-318X (2005) v. 6(1) p. 339-345 3 tables; 7 ref.

SULPHUR; CHEMICALS; POLLUTION.

AUTOR INDEX / INDEKS PENGARANG

- A**
 Abbas, A. 337, 351, 356, 366, 369, 374, 386, 389, 398, 413, 564, 566
 Abdulhadi, R. 419, 423, 430, 435, 437, 464, 472, 473, 538, 539, 309, 540, 541, 567, 579, 580, 595, 596, 599
 Abdurachman, A. 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000
 Adiningsih, J.S. 310
 Adinugraha, H.A. 477
 Agustian, A. 326
 Ahmed, N. 428
 Aku, A.S. 502
 Al-Jabri, M. 554
 Alimoeso, S. 329
 Amin, M. 444
 Amin, M.R. 502
 Aminah, S. 493, 504, 506
 Amir, A.M. 460
 Ananto, E.E. 311
 Andayani, D.G.S. 444
 Andriyani, R. 443, 563
 Angkasa, B. 385
 Angwar, M. 593
 Anindita, R. 384
 Antarlina, S.S. 369, 567
 Anwar, H. 312, 325
 Anwar, S. 429
 Ariani, M. 377
 Arifiantini, R.I. 503
 Arifin, M.S. 313
 Arman, E. 543
 Armanto, M.E. 304, 320, 322, 329, 336,
- 337, 351, 356, 366, 369, 374, 386, 389, 398, 413, 419, 423, 430, 435, 437, 464, 472, 473, 538, 539, 540, 541, 567, 579, 580, 595, 596, 599
 Arrasyid, N.K. 526
 Arsyad, D.M. 310, 311, 314, 317, 340, 341, 342, 343, 344, 345, 346, 347, 352, 357, 358, 364, 365, 368, 371, 382
 Artama, W.T. 514
 Artanti, N. 444
 Aryanti, D. 585
 Ashari 331
 Asmin 338
 Asni, N. 374, 386
 Astawan, M. 583
 Astuti, D.A. 531
 Astuti, M. 514
 Astuti, W. 568
 Aunurohman, H. 359
- B**
 Bachruddin, Z. 508
 Baharudin 321
 Bahtiar 314, 430
 Balfas, R. 465
 Baliarti, E. 491
 Bamualim, A. 304, 320, 322, 329, 336, 337, 351, 356, 366, 369, 374, 386, 389, 398, 413, 419, 423, 430, 435, 437, 464, 472, 473, 538, 539, 540, 541, 567, 579, 580, 595, 596, 599
 Basuno, E. 378
- Bermawie, N. 431
 Bety, Y.A. 432
 Bintang, I.A.K. 494
 Budiarto, K. 406
 Budiman, H. 487
- C**
 Canto, E. 387
 Cholid, M. 339
 Choliq, A. 302, 318
 Chowdhry, M.A. 428
- D**
 Dalimoenthe, S.L. 388
 Danil, M. 482, 488, 495, 512, 513, 516, 517
 Darana, S. 451
 Daras, U. 407, 420
 Darmawan 340
 Darmawan, T. 315
 Darminto 528
 Darwati, I. 446
 Darwis, V. 326
 Datta, F.U. 491
 Dendang, B. 458
 Dermoredjo, S.K. 306
 Dewi, Y.A. 347
 Dewiyanti, R. 523
 Djaafar, T.F. 569, 572
 Djamal, E. 310, 311, 314, 317, 340, 341, 342, 343, 344, 345,

- 346, 347, 352, 357, 358,
364, 365, 368, 371, 382
- Djenal
447
- Doloksaribu, M.
512
- Drajat, B.
383
- Dwi S.N., E.
406
- E**
- Edwina, S.
341
- Efendi, A.
524
- Efendy, J.
538
- Effendi, T.N.
342
- Elieser, S.
512, 513, 516, 517
- ELizabeth, R.
343
- Emma, S.
417
- Erythrina
389
- Estiningdriati, I
511
- F**
- Fadjar, U.
316
- Fajri, N
556
- Ferry, Y.
350
- G**
- Ginting, S.P.
482, 488, 495, 512, 513,
516, 517
- Gummert, M.
472
- Gunadi, S.
399, 553
- Gusmaini
426
- H**
- Hadad E.A., M.
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Hadadde, I.
321, 338, 401
- Hadi, P.U.
303, 306, 326, 331, 377,
378, 486
- Hadi, S.
344
- Halo, L.
482
- Hanafi, M.
521
- Hanafi, H.
353, 375
- Hanafiah, K.A.
330, 387, 400, 410, 417,
427
- Hani, A.
458
- Hano H.
440
- Harahap, D.
482
- Harimurti, S.
525
- Hariyono, B.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Harmastini
444, 521
- Harniati
345
- Hartanto
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Haryati, T.
594
- Haryati, Y.
346
- Haryudin, W.
411
- Hasbi, H.
391
- Hashim, A.
548
- Hasibuan, S.
535
- Hayani, E.
587
- Hazmi, M.
434
- Heliyanto, B.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
435, 455, 460, 466, 469,
470
- Hendayana, R.
310, 311, 314, 317, 340,
341, 342, 343, 344, 345,
- 346, 347, 352, 357, 358,
364, 365, 368, 371, 382
- Hendrata, R.
454, 552
- Heni, H.
366
- Herdian, H.
489
- Herdis
502
- Heriyanto
308, 436
- Herlinawati, E.
419
- Herman, M.
433
- Hermanto
538
- Hermawan, A.
302
- Hermiani, A.
564
- Heryana, N.
422
- Hestina, J.
331
- Hidayah, N.
466
- Hidayat, N.
328, 348, 408, 483, 485,
487, 493, 504, 506, 523,
524
- Hidayat, N.N.
349
- Hikmatullah
554
- Hilman, Y.
548
- Howara, D.
433
- Hutapea, Y.
330, 427
- I**
- Idjuddin, A.A.
551
- Ilham, N.
486
- Imelda, M.
398, 437
- Imran
401
- Indradewa, D.
419
- Indrawanto, C.
350
- Indrayani, I G.A.A.
452
- Indriani, R.
528

- Indriati, G.
453
- Irawan, B.
331
- Irawati, A.F.C.
467
- Iriani, E.
312, 318
- Iriyanti, N.
490
- Iskandar
434
- Ismadi S.,D.
328
- Ismet, M.
304
- Ismijah, S.
416
- Isnijah, S.
301, 302, 305, 308, 309,
312, 315, 318, 319, 323,
324, 325, 328, 333, 335,
348, 353, 355, 360, 367,
375, 380, 397, 399, 402,
403, 408, 409, 412, 432,
436, 439, 440, 441, 454,
456, 467, 496, 497, 498,
542, 551, 553, 572, 576,
582, 586, 598
- J**
- Jamal, E.
304, 310, 320, 322, 329,
336, 337, 351, 356, 366,
369, 374, 386, 389, 398,
413, 419, 423, 430, 435,
437, 464, 472, 473, 538,
539, 540, 541, 567, 579,
580, 595, 596, 599
- Januwati, M.
426
- Jenie, U.A.
319
- Johan, M.E.
392
- Juanda J, D.
542
- Julendra, H.
489, 586
- Jumakir
351
- Junaedi, A.
568
- K**
- Kaliky, R.
348, 408
- Kardono, L.B.S.
521
- Kariyasa, K.
306
- Karmawati, E.
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Karossi, A.T.A.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Kasi, P.D.
448
- Kasno, A.
441
- Keman, S
490, 491
- Kendriyanto
570
- Khairani, C.
596
- Khairuddin
439
- Khaliq, I
428
- Khasanah, Y.
489
- Kodir, K.A.
538
- Koesnowo, A.
301, 302, 305, 308, 309,
312, 315, 318, 319, 323,
324, 325, 328, 333, 335,
348, 353, 355, 360, 367,
375, 380, 397, 399, 402,
403, 408, 409, 412, 416,
432, 436, 439, 440, 441,
454, 456, 467, 496, 497,
498, 542, 551, 553, 572,
576, 582, 586, 598
- Kolopaking, L.M.
352
- Komarawidjaja, W.
543
- Krisdiana, R.
308, 436
- Kristamtini
402, 403
- Kristina
513
- Kristina, N.N.
404
- Kurniadhi, P.
483, 485, 487, 493, 504,
506, 523, 524
- Kurnianita, T.
353, 375, 397, 479, 484
- Kurniasih
525
- Kushartanti, E.
354
- Kushartono, B.
483, 485, 487, 493, 504,
506, 523, 524
- Kusnawan
405
- Kusnowo, A.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- L**
- Lakani, I
465
- Lantarsih, R
381
- Layla, Z.
504, 506
- Lestari, I.P.
320
- Lestari, S.B.
348, 355, 393, 408
- Lewaherilla, N.E.
356
- Linar Z.U.
521
- Listyati, D.
421, 422
- Lukman, W.
571
- Luntungan, H.T.
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- M**
- Maas, A.
549, 555
- Maaswinkel, R.H.M.
406
- Maekawa, M.
428
- Maharani, E.
341
- Mahardika, I-G.N.K.
527
- Mahening, R.
412
- Mahmalia, F.
517
- Mahmud, Z.
330, 387, 400, 410, 417,
427
- Mahmudatussaadah, A.
566

- Malian, H.
330, 387, 400, 410, 417,
427
- Manalu, W
520, 522
- Mantara, G.R.S.
401
- Manu, A.E.
491
- Mardi
357
- Mardianis
410
- Mardianto, S.
310
- Mardiharini, M.
358
- Mardjono, R.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Mariska, I.
446
- Martini, T.
454, 552
- Martono, D.H.
592
- Maryati, T.
340
- Maskromo, I.
438
- Masyhudi, M.F.
301, 302, 305, 308, 309,
312, 315, 318, 319, 323,
324, 325, 328, 333, 335,
348, 353, 355, 360, 367,
375, 380, 397, 399, 402,
403, 408, 409, 412, 416,
432, 436, 439, 440, 441,
454, 456, 467, 496, 497,
498, 542, 551, 552, 553,
572, 576, 582, 586, 598
- Masyhuri
305
- Masyudi, M.F.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Maulana, M.
306
- Mey, D.
321
- Miftahorrachman
438
- Mizwar
565
- Moeljopawiro, S.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Mosofie, A.
301, 496
- Mu'in, M.A.
514
- Muatip, K.
359
- Muchtadi, D.
583
- Mudjisihono, P.
328, 380, 416, 441, 467
- Mudjisihono, R.
301, 302, 305, 308, 309,
312, 315, 318, 319, 323,
324, 325, 333, 335, 348,
353, 354, 355, 360, 361,
363, 367, 375, 381, 393,
397, 399, 402, 403, 408,
409, 412, 425, 432, 436,
439, 440, 443, 444, 445,
454, 456, 479, 484, 489,
496, 497, 498, 521, 533,
534, 542, 551, 552, 553,
563, 564, 566, 568, 569,
570, 572, 576, 577, 578,
581, 582, 584, 585, 586,
588, 589, 590, 591, 593,
597, 598
- Muhajir
330
- Muhidin
401
- Muis, A.
468
- Mukarji
439
- Muladno
514
- Mulyadi
403, 412
- Mulyani, E.S.
304, 320, 322, 329, 336,
337, 351, 356, 366, 369,
374, 386, 389, 398, 413,
419, 423, 430, 435, 437,
464, 472, 473, 538, 539,
540, 541, 567, 579, 580,
595, 596, 599
- Murdiyanto, U.
447
- Murningsih, W
511
- Murti, T.W.
514
- Murwati
572
- Musa, M.H.
548
- Musofie, A.
302, 305, 308, 309, 312,
315, 318, 319, 323, 324,
325, 328, 333, 335, 348,
353, 354, 355, 360, 361,
363, 367, 375, 380, 381,
393, 397, 399, 402, 403,
408, 409, 412, 416, 425,
432, 436, 439, 440, 441,
443, 444, 445, 454, 456,
467, 479, 484, 489, 496,
497, 498, 521, 533, 534,
542, 551, 552, 553, 563,
564, 566, 568, 569, 570,
572, 576, 577, 578, 581,
582, 584, 585, 586, 588,
589, 590, 591, 593, 597,
598
- Mustaha, M.A.
321, 338, 401
- Muzhar
330
- N**
- Nadeak, R.U.
410
- Nainggolan, P.
482, 488, 495, 512, 513,
516, 517
- Napitupulu, B.
482, 488, 495, 512, 513,
516, 517
- Nasroedin
525
- Natsir, A.
507
- Nazir, D.
482, 488, 495, 512, 513,
516, 517
- Na'iem, M.
449
- Nilogiri, A.
476
- Ningsih, R.D.
409, 439
- Nisa, K.
593
- Nitisapto, M.
307
- Noor, A.
409, 439
- Noor, M.
549, 555

- Noorginayuwati
533
- Notohadikusumo, T
549, 555
- Nugrahaeni, N.
441
- Nurawan, A.
346
- Nurcholis, M.
550
- Nurdin, E.
492
- Nurhadi, E.
360
- Nurheru
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Nurhikmat, A.
598
- Nurindah
455
- Nurmalinda
366
- Nursyamsi, D.
556
- Nurtini, S.
305
- Nuschati, U.
497
- O**
- Oktarina
434, 565
- Oktavianawati, I.
447
- Onggo, H.
588, 590, 591
- P**
- Padmono, D.
544
- Padmowijoto, S.
508
- Pamungkas, F.A.
517
- Parwiyanti
580
- Pasaribu T.
494
- Pebriyadi, B.
595
- Piliang, W.G.
520
- Prabowo, A.
508
- Prajitno AL. KS
440
- Pramono, J.
354
- Pramudyati, Y.S.
410
- Prasetyo, A.
497
- Prasetyo, L.H.
480
- Prastowo, B.
322
- Prayitno
522, 573
- Prayitno, C.H.
500
- Prayuginingsih, H.
376
- Pribadi, E.R.
332, 379
- Primadona, I.
443
- Pujiono, S.
449, 477
- Purnamaningsih, R.
446
- Purnomo, J.
441
- Purwadaria, T.
494
- Purwaningsih, H.
335, 534
- Purwanto, R.J.
423
- Purwoto, A.
306
- Pustika, A.B.
456
- Putra, E.T.S.
419
- Q**
- Qisthon, A.
481
- Qomariyah, R.
361, 363
- R**
- Rachman, A.H.
362
- Rachman, H.P.S.
377
- Rachmiati, Y.
327, 557
- Radiyah, T.
584
- Rahardjo, P.
316, 327, 334, 373, 383,
385, 388, 418, 418, 463,
537, 557, 558, 558, 574
- Rahardjo, Y.P.
596
- Raharjo, B.
400, 599
- Rahayu, E.S.
525
- Rahayu, M.
394, 450
- Rahayu, S.
569, 572
- Rahim, A.A.
548
- Randriani, E.
420
- Ratmini, N.P.S.
417
- Ratnaningsih, E.
394
- Ratule, M.T.
473
- Rayati, D.J.
316, 327, 334, 373, 383,
385, 388, 418, 457, 463,
537, 557, 558, 574
- Raymond J.P.
444, 521
- Reyes, S.G.
459
- Rifai, A.
344
- Rina D., Y.
363, 380, 533
- Rina, Y.
361, 369
- Riyanto, D.
551
- Rochendi, D.
405
- Roeswandy
516
- Rohdiana, D.
574
- Rokhman
493
- Romjali, E.
482, 512
- Romli, M.
396
- Roostika, I.
446
- Rosita, S.M.D.
411
- Rostiana, O.
411
- Rosyadi, A.I.
316, 327, 334, 373, 383,
385, 388, 418, 463, 537,
557, 558, 574
- Rosyida, V.T.
598
- Rozi, F.
323

- Rubiono, B.E.
483
- Rudiono, D.
515
- Ruku, S.
473
- Rumini, W.
453
- Runtuuwu, E.
545
- Rusastra, I W.
321, 338, 377, 401, 482,
488, 495, 512, 513, 516,
517
- Rusdi
509
- Rusim-Mardjono
396, 460
- Rustijarno, S.
333, 397, 479, 484
- S**
- Sadsoeitoeboen, P.D.
502
- Saefudin
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Safa'at, N.
306
- Sahwan, F.L.
592
- Said, S.
505
- Saili, T
505
- Salazar, A.M
442
- Saleh, D.M.
518
- Saleh, E.
516, 539
- Salim, A.A.
557
- Salim, T.
589
- Samsudin
465
- Sandiah, N.
502
- Santosa, K.A.
305
- Santosa, T.H.
476
- Santoso, J.
405
- Saparita, R.
324
- Saraswati, V.
444
- Sariana
516
- Sarjiman
402, 412, 569
- Sarjono
397
- Sartika, T.
483, 485, 487, 493, 504,
506, 523, 524
- Sarwono, J.
590
- Sastro, Y.
320
- Satrija, F.
531
- Sawiyo
547
- Sayaka, B.
326
- Sayuti, R.
486
- Sejati, W.K.
486
- Sembiring, L.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Setiadi, M.A.
519
- Setiawan, O.
575
- Setiono, D.
599
- Setyono, B.
381
- Setyowati, F.M.
450
- Siagian, V.
540
- Siarudin, M.
478
- Sihite, E.
485
- Sihombing, S.R.
356
- Simatupang, P.
306
- Sinurat, A.P.
494
- Sinuraya, Y.F.
486
- Siradz, S.A.
307
- Siregar, Z.
495
- Siswanto, N.
534
- Siswanto, T.J.
355
- Siswoyo, T.A.
447
- Sodikin, I.
486
- Soegandhi, T.M.S.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Soeharsono
353, 375, 425, 479, 484,
496, 498
- Soejoedono, R.D.
527
- Soerjandono, N.B.
424, 471
- Soetopo, D.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Sopiah, N.
600
- Sopiawati, T.
424
- Soplanit, A.
356
- Sri, A.D.G.
521
- Sriharti.
589
- Sriyadi, B.
316, 327, 334, 334, 373,
383, 385, 388, 418, 463,
537, 557, 558, 574
- Suardana, I W.
546
- Subagiyo
335, 355, 381
- Subekti, D.T.
526
- Subekti, N.A.
442
- Subiharta
497
- Subiyakto
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Subowo
398, 427
- Subowo, G.
304, 320, 322, 329, 330,
336, 337, 351, 356, 366,
369, 374, 386, 387, 389,

- 398, 400, 410, 413, 417,
419, 423, 427, 430, 435,
437, 464, 472, 473, 538,
539, 540, 541, 567, 579,
580, 595, 596, 599
- Subowo, W.S.
588, 590, 591
- Sucherman, O.
451
- Suciantini
560
- Sudadiyono
542
- Sudana, W.
310, 311, 314, 317, 340,
341, 342, 343, 344, 345,
346, 347, 352, 357, 358,
364, 365, 368, 371, 382
- Sudarmo, H.
396
- Sudaryanto, B.
335, 403, 425
- Sudibya
500
- Sudihardjo
551
- Sudihardjo, A.M.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Sudirman
591
- Sudjarmoko, B.
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Sudomo, A.
449
- Sudyastuti, T.
399, 553
- Sugandi, D.
382
- Sugiarti, E.
320
- Sugiharto, B.
447
- Sugiyarti, T.
370
- Sugiyatno
518
- Suhaendah, E.
458
- Suhara, C.
466, 469, 470
- Suhara, E.
305, 308, 312, 323, 328,
333, 355, 360, 367, 380,
416
- Suhardjo, M.
551
- Suharto
504, 506, 597
- Suhartono, M.T.
520, 527
- Suharyati, S.
481
- Suhendrata, T.
354
- Suismono
371
- Sukamto
332, 350, 379, 407, 420,
421, 422, 431, 433, 453,
453, 465
- Sukara, E.
301, 302, 309, 315, 318,
319, 324, 325, 335, 348,
353, 375, 397, 399, 402,
403, 408, 409, 412, 432,
436, 439, 440, 441, 454,
456, 467, 496, 497, 498,
542, 551, 553, 572, 576,
582, 586, 598
- Sukimin, S.
543
- Sukur, M.
433
- Suladra, M.
576
- Sularno
302, 325
- Sulle, A.
401
- Sulyo, Y.
406
- Sumantri, M.
493
- Sumartini, S.
452
- Sumaryadi, M.Y.
522
- Sumaryono
448
- Sunarlim, R.
581
- Sunarto, D.A.
455
- Sunarya, A.
575
- Sunaryo
364
- Suparwoto
351, 413
- Suprpto
570
- Suprayogi, A.
519
- Supriadi
496, 498
- Supriadi, H.
420, 421
- Supriatna, I.
503
- Suprihatini, R.
316, 327, 334, 373, 383,
383, 385, 388, 418, 463,
537, 557, 558, 574
- Suprijono
460
- Supriyati
303
- Suradisastra, K.
303, 306, 326, 331, 377,
378, 378, 486
- Suriati
387, 400
- Suroso, B.
414
- Suryahadi, A.
365
- Suryana, A.
301, 336
- Suryani, Ch. L.
582
- Suryani, S.
482, 488, 495, 512, 513,
516, 517
- Suryawan, I.B.G.
459
- Susanti, R.
527
- Susanto, A.
489
- Susanto, B.
340
- Susanto, H.
597
- Susilo, J.
542
- Sutanto, A.
570
- Sutardi
402, 403, 440
- Sutisna, E.
321, 338, 401
- Sutrisno
599
- Suwandyastuti, S.N.O.
510
- Suyamto
337

- Swastika, D.K.S.
326
- Syafriati, T.
483, 485, 487, 493, 504,
506, 523, 524
- Syabbuddin, H.
561
- Syahid, S.F.
404
- Syam, A.
321, 338, 338, 401
- Syamsudin, F.
562
- Syukur, A.
415, 508
- T**
- Tarigan, H.
331, 378
- Tarigan, S.
528
- Thalib, A.
499
- Thoharoh, T.
578
- Tirtosuprobo, S.
372
- Tisnawati
474, 475
- Tiuria, R.
531
- Tohari
419
- Trisawa, I.M.
453
- Triyantini
581
- Triyono, A.
577
- Tukimin, S.W.
396, 460
- U**
- Udin, L.Z.
354, 361, 363, 381, 393,
425, 443, 444, 445, 479,
484, 489, 521, 533, 534,
552, 563, 564, 566, 568,
569, 570, 577, 578, 581,
584, 585, 588, 589, 590,
591, 593, 597
- Utama, C.S.
511
- Utami, R.
596
- V**
- Viena S.
521
- W**
- Wahyono, S.
532, 592
- Wahyono, T.E.
461
- Wahyuni, S.
431
- Wahyuning, S.
486
- Wahyuningrum, R.D.
308, 436
- Waluyo
351, 413
- Wardhana, A.H.
529
- Wardhani, N.K.
301, 302, 305, 308, 309,
312, 315, 318, 319, 323,
324, 325, 328, 333, 335,
348, 353, 354, 355, 360,
361, 363, 367, 375, 380,
381, 393, 397, 399, 402,
403, 408, 409, 412, 416,
425, 432, 436, 439, 440,
441, 443, 444, 445, 454,
456, 467, 479, 484, 489,
496, 497, 498, 521, 533,
534, 542, 551, 552, 553,
563, 564, 566, 568, 569,
570, 572, 576, 577, 578,
581, 582, 584, 585, 586,
588, 589, 590, 591, 593,
597, 598
- Wardiana, E.
332, 350, 379, 407, 420,
421, 422, 431, 433, 453
- Wargiono, J.
326
- Waryat
366, 578
- Wawo, A.H.
309
- Wesniati, N.
582
- Wibawan, I-W.T.
527
- Wibowo, M.
536
- Wibowo, S.
405
- Widayat, W.
316, 327, 334, 373, 383,
385, 388, 418, 451, 457,
462, 463, 537, 557, 558,
574
- Widiastuti, R.
530
- Widiawati, Y.
499
- Widiwurjani
416
- Widiyastuti, T.
500
- Widodo, L.
559
- Widodo, S.
305, 367, 393
- Widodo, T.W.
541
- Widowati, S.
583
- Wihendar, T.N.
561
- Wilyus
464
- Winarti, E.
585
- Winarto B.W.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Winasa, W.
462
- Wiradimadja, R.
520
- Wiranti, E.W.
454, 552
- Wirdahayati R.B.
368
- Wiryono, B.
331
- Wisnu W.,E.
402
- Wisoyodharmo, L.A.
592
- Wresdiyati, T.
583
- Wulandari, S.
332, 379
- Y**
- Yanti, L.
374
- Yanuriati, A.
579
- Yenni
398, 400, 417, 437
- Yufdy, M.P.
482, 488, 495, 512, 513,
516, 517
- Yulianti, T.
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- Yulianto
312, 318
- Yuliati, N.
360

Yulnawati	Yusron	Z
519	437	Zakaria, A.K.
Yunianto, V.D	Yusron, M.	303
511	398, 426	Zakiah
Yunilas	Yustisia	387, 473
513	387, 400, 427	Zalizar, L.
Yusdja, Y.	Yuwanta, T	531
303, 306, 326, 331, 377,	490	Zuprizal
378, 486,	Yuwono, D.M.	490
Yusrini, H.	497	Zuraida, R.
501		328

SUBJECT INDEX / INDEKS SUBYEK

- A**
 ABATTOIR BY PRODUCTS 544
 ABATTOIRS 546
 ABSORBANCE 591
 ABSORPTION 415, 590
 ACID SOILS 548
 ACID SULPHATE SOILS 549, 555
 ACOUSTIC PROPERTIES 590
 ADAPTATION 437, 439
 ADDITIVES 509, 511
 ADSORBENT 568
 ADSORPTION 568
 AFLATOXINS 501
 AGE 386, 512, 515, 520
 AGLAONEMA 366
 AGRICULTURAL DEVELOPMENT 301, 306, 309, 324, 375, 480
 AGRICULTURAL ECONOMICS 340, 364, 476, 589
 AGRICULTURAL PRODUCTS 330, 333, 335, 380
 AGRICULTURAL SECTOR 306, 317, 333, 347, 365, 378
 AGRICULTURAL WASTES 498
 AGRICULTURAL WORKERS 360
 AGROCLIMATIC ZONES 348
 AGROFORESTRY 423
 AGROINDUSTRIAL SECTOR 301, 310, 319, 369, 371, 374, 484, 572
 AGRONOMIC CHARACTERS 318, 320, 325, 405, 412, 431, 434, 436, 437, 439, 441
 AGROPASTORAL SYSTEMS 425
 AGROPISCICULTURE 356, 397, 424
 ALBIZIA 458, 478
 ALLIUM ASCALONICUM 346
 ALLUVIAL SOILS 554
 ALPINIA 474
 ALUMINIUM 429
 AMINO ACIDS 573
 ANABAENA AZOLLAE 424
 ANACARDIUM OCCIDENTALE 461
 ANAEROBIOSIS 544
 ANALYTICAL METHODS 424, 587
 ANDOSOLS 556
 ANIMAL BREEDING 480, 504
 ANIMAL DISEASES 529
 ANIMAL FEEDING 482, 490, 491
 ANIMAL HEALTH 479, 526, 529, 530
 ANIMAL HOUSING 479, 482, 483
 ANIMAL HUSBANDRY 479, 480, 483, 486
 ANIMAL HUSBANDRY METHODS 484, 485
 ANIMAL MORPHOLOGY 461, 506
 ANIMAL PERFORMANCE 495, 585
 ANIMAL POPULATION 460
 ANIMAL PRODUCTION 485
 ANIMAL PRODUCTS 333, 530
 ANIMALS 526, 529
 ANTHRAX 523
 ANTIBIOTICS 521
 ANTIBODIES 522, 523
 ANTIFUNGAL PROPERTIES 521
 ANTIGENS 445, 521, 522
 ANTIMICROBIAL PROPERTIES 521
 ANTIOXIDANTS 398, 444, 566
 APHIS GOSSYPHII 465
 APPLICATION RATES 391, 407, 415, 426
 APPROPRIATE TECHNOLOGY 319, 320, 325, 589
 AQUACULTURE 543
 ARACHIS HYPOGAEA 323, 394, 395, 420, 441, 553
 ARACHIS PINTOI 451
 ARECA CATECHU 438
 ARROWROOT 564, 569
 ARTIFICIAL INSEMINATION 502
 ARTOCARPUS ALTILIS 572
 ARTOCARPUS HETEROPHYLLUS 374
 ASCARIDIA GALLI 531
 ASH CONTENT 577, 584
 ASPERGILLUS 565

- AURICULARIA
598
- AUXINS
404
- AVIAN INFLUENZA
VIRUS
527
- AVIRULENT
PATHOGENS
467
- AZOLLA
414
- B**
- BACILLUS SUBTILIS
468, 563
- BACTERICIDES
586
- BACTERIOSES
442
- BALI
546
- BANANAS
473
- BARLEY STRAW
507
- BEAUVERIA BASSIANA
457, 458
- BEEF CATTLE
425, 479, 489, 496, 497,
514
- BENZOIC ACID
475
- BEVERAGES
566
- BIODEGRADABILITY
507
- BIODIVERSITY
373, 450
- BIOENERGY
336, 538
- BIOFUELS
322, 435, 539, 594
- BIOGAS
541, 595
- BIOLOGICAL
CONTAMINATIONS
530
- BIOLOGICAL CONTROL
455, 458, 461, 468
- BIOLOGICAL
PRESERVATION
502, 503
- BIOMASS
468, 499
- BIRTH WEIGHT
512, 513
- BLOOD PROTEINS
509
- BODY WEIGHT
386, 417, 431, 437, 467,
496, 497, 516
- BORON
415
- BOTANICAL
PESTICIDES
463
- BRACTS
452
- BRASSICA JUNCEA
413, 414
- BREEDS (ANIMALS)
355, 512, 516, 526
- BRIQUETTES
596
- BROWSE PLANTS
499
- C**
- CAMELLIA SINENSIS
334, 388, 392, 451, 457,
462, 463
- CANALS
547
- CANNING
598
- CAPITAL
364
- CAPITAL ALLOCATION
302
- CAPITAL
PRODUCTIVITY
302
- CAPSICUM ANNUUM
363, 399, 533
- CARNITINE
500
- CARRAGEENANS
578
- CASHEWS
338, 570, 571
- CASSAVA
326
- CASTOR OIL
537, 538, 539
- CATALYSTS
597
- CATECHIN
574
- CATTLE
410, 498
- CELLS
443
- CELLULOLYTIC
MICROORGANISMS
508
- CHARCOAL
596
- CHEMICAL
COMPOSITION
386, 417, 431, 437, 467,
563, 578, 580
- CHEMICALS
600
- CHEMICOPHYSICAL
PROPERTIES
449, 473, 548, 567, 575,
576, 579, 580, 582, 583,
587
- CHICKENS
490, 518, 522, 525, 531,
573, 586
- CHILLIES
381
- CHINA
548
- CHITIN
593
- CHITOSAN
593
- CHRYSOMYA
529
- CINCHONA
405
- CINNAMON
566
- CITRULLUS LANATUS
454, 552
- CLIMATE
481, 560, 561
- CLIMATIC CHANGE
545, 562
- CLIMATIC FACTORS
545, 560
- CLIMATIC ZONES
309
- CLIMATOLOGY
560
- CLONES
334, 401, 405
- CLOSTRIDIUM
PERFRINGENS
528
- CLOVES
350, 379
- COASTAL LAGOONS
484
- COASTAL PLAINS
333, 553
- COASTAL SOILS
415, 559
- COATING
578
- COBALT
495
- COCONUTS
575, 596
- COLLAGEN
573

- COLOCASIA 465
 ESCULENTA 577
 COMMUNITY DEVELOPMENT 342
 COMPLEMENT FIXATION TESTS 524
 COMPLETE FEEDS 496
 COMPOSTS 414, 544, 553
 CONCENTRATES 496
 CONSUMER BEHAVIOUR 308
 CONSUMER PRICES 381
 CONSUMERS 305
 CONSUMPTION 331, 385, 540
 CONTAMINATION 501
 CONTROL METHODS 530
 CORN 494
 CORTICIUM ROLFSSII 466, 470
 COST ANALYSIS 335, 363, 397, 537
 COST BENEFIT ANALYSIS 387, 400, 487
 COTTON 452
 COVER PLANTS 451
 COWPEAS 582
 CROP MANAGEMENT 350, 420, 421, 422, 426, 533
 CROP PERFORMANCE 303, 403, 439
 CROPPING SYSTEMS 339
 CROPS 353, 596
 CROSSBREDS 514
 CRUDE PROTEIN 500
 CRYOPROTECTANTS 503
 CUCUMBER MOSAIC CUCUMOVIRUS 564, 577
 CUCURBITA 566
 MOSCHATA 566
 CULTIVATION 442
 346, 361, 387, 389, 391, 394, 396, 399, 400, 427, 539, 552
 CULTURE MEDIA 509
 448
 CURCUMA 588
 563
 CURCUMA LONGA 588
 584
 CURCUMA XANTHORRHIZA 317
 398
 CUT FLOWERS 597
 474, 475
 CUTTING 489, 500, 509, 510, 511
 406, 449
 CUTTINGS 525
 403
 CYCLING 580
 557
 CYPRINUS CARPIO 529
 543
 CYTOKININS 442, 466, 467, 469
 404
- D**
 DAIRY CATTLE 589
 492
 DAIRY FARMS 324, 338, 350, 379
 305
 DAIRY INDUSTRY 445
 305
 DAMS 519
 547
 DATA ANALYSIS 383
 324, 545, 561
 DATA PRODUCTION 515
 335
 DEGRADATION 407
 414
 DEMAND 547
 326, 381
 DENDRANTHEMA 309
 MORIFOLIUM 428
 406
 DENSITY 547
 588
 DETOXIFICATION 547
 580
 DEVELOPMENT PLANS 429
 321
 DEVELOPMENT POLICIES 429
 309, 316, 364, 480, 484
 DEXTRINS 533, 560

- DRYING
 472, 549, 599
 DUCKS
 328, 480, 500, 527, 585
 DYNAMIC MODELS
 559
E
 ECOLOGY
 462
 ECONOMIC ANALYSIS
 312, 318, 320, 323, 328,
 346, 349, 351, 355, 356,
 360, 367, 369, 374, 380,
 413, 440, 482, 486, 496,
 538, 541, 596
 ECONOMIC
 BEHAVIOUR
 315
 COMPETITION
 381
 CRISES
 358
 DEVELOPMENT
 319
 GROWTH
 486
 INDICATORS
 323, 327
 POLICIES
 329
 SITUATION
 315
 VALUE
 393
 EDIBLE FILM
 578
 EFFICIENCY
 418
 EGG HATCHABILITY
 490
 EGG YOLK
 500
 EGGS
 531
 ELASTICITY
 588
 ELEPHANTS
 508
 ELISA
 501
 EMBRYO CULTURE
 448
 EMPOASCA
 462
 ENDEMIC
 523
 ENDOPHYTES
 444, 521
 ENERGY
 541, 595
 ENERGY
 CONSUMPTION
 537
 RESOURCES
 537
 ENTOMOGENOUS
 FUNGI
 457, 463
 ENVIRONMENTAL
 FACTORS
 535
 ENZYME ACTIVITY
 528
 ENZYMES
 577
 EPIDERMIS
 570
 EQUIPMENT
 PERFORMANCE
 533
 EROSION
 558
 ESSENTIAL OILS
 370, 587
 EUCALYPTUS PELLITA
 477
 EUGENIA
 402
 EUPHORBIA
 366
 EUTROPHICATION
 543
 EVALUATION
 439, 469
 EVAPOTRANSPIRATION
 ZONE
 545
 EXPORTS
 362, 383, 384
 EXTRACTION
 566
 EXTRACTS
 508
F
 FAECES
 508
 FAMILY FARMS
 348
 FARM INCOME
 310, 311, 315, 323, 338,
 339, 345, 346, 348, 349,
 350, 355, 359, 363, 372,
 393, 421, 422, 533
 FARM INPUTS
 360, 421
 FARM MANAGEMENT
 353, 361
 FARM SURVEYS
 348
 FARMERS
 328, 336, 348, 354, 360,
 375, 377, 379, 393, 408,
 436, 487, 533, 552
 FARMERS
 ASSOCIATIONS
 378, 425, 479, 484, 589
 INPUTS
 302
 SYSTEMS
 302, 325, 332, 335, 338,
 349, 350, 351, 353, 354,
 355, 361, 363, 366, 367,
 369, 372, 379, 380, 387,
 397, 422, 424, 440, 542
 FARMYARD MANURE
 410, 419, 425, 541, 594
 FATTENING
 487, 585
 FEED ADDITIVES
 586
 FEED CONSUMPTION
 487, 531
 FEED CONVERSION
 EFFICIENCY
 487, 510, 585
 GRASSES
 429, 485, 498, 510
 INTAKE
 491, 498, 585
 LEGUMES
 499, 509
 FEEDING
 493
 SYSTEMS
 488, 496, 498
 FEEDS
 368, 390, 487, 489, 494,
 497, 501, 585
 FEET
 573
 FEMALE LABOUR
 376
 FERMENTATION
 417, 444, 494, 511, 521,
 565, 585
 FERMENTED
 PRODUCTS
 417, 576
 FERRISIA VIRGATA
 465
 FERTILITY
 490, 518
 FERTILIZATION
 411

- FERTILIZER
APPLICATION
389, 406, 407, 408, 413
- FERTILIZERS
414
- FERTILIZING
391
- FIBRES
590, 591
- FIELDS
405
- FINANCIAL
INSTITUTIONS
340, 341, 347
- FINANCING
341, 352
- FISH MEAL
500
- FISHES
356
- FLAVOURINGS
581
- FLOOD CONTROL
547
- FLORA
450
- FLOURS
582
- FLOW RATE
536
- FLOWERING
431
- FLOWERS
390
- FLUSING
497
- FOLIAR APPLICATION
413
- FOOD CONSUMPTION
304
- FOOD CROPS
322, 326, 335, 422, 425
- FOOD INDUSTRY
315, 362
- FOOD POLICIES
304
- FOOD PRODUCTION
304, 315
- FOOD SECURITY
302, 304
- FOOD TECHNOLOGY
374, 567, 579
- FOOD WASTES
493
- FOODS
374, 564
- FORECASTING
562
- FOREST LITTER
425
- FOREST MANAGEMENT
425, 476
- FOREST PLANTATIONS
449
- FORESTS
476
- FORMULATIONS
468
- FREE FATTY ACIDS
568
- FREEZING
503
- FRESHWATER
532
- FRESHWATER FISHES
397, 543
- FROZEN STORAGE
518
- FRUCTOFURANOSIDASE
447
- FRUIT
445
- FRUIT CROPS
402
- FRUIT PRODUCTS
567
- FRUIT PULPS
579
- FRUIT VEGETABLES
320
- FRYING
374
- FUEL CROPS
322, 540
- FUELS
540
- FURFURAL
597
- G**
- GAS
CHROMATOGRAPHY
563
- GASTROPODA
532
- GEESE
527
- GENES
514
- GENETIC
CORRELATION
429
- GENETIC
ENGINEERING
434
- GENETIC VARIATION
429, 431, 438
- GENETICS
332, 428
- GEOHERMAL ENERGY
537
- GERMINABILITY
582, 599
- GERMPLASM
402, 435, 438, 505
- GESTATION PERIOD
491
- GINGER
581
- GLUCOSE
577
- GLYCEROL
518
- GLYCINE MAX
391, 427, 436, 556
- GOAT MILK
581
- GOATS
349, 355, 481, 483, 488,
498, 504, 506, 513, 515,
516, 517, 523, 581
- GOVERNMENT
378
- GRAFTING
401, 405
- GRAPES
578
- GRASSES
499
- GRAVIMETRY
588
- GREEN MANURES
414
- GROWING MEDIA
366, 406
- GROWTH
391, 392, 394, 398, 401,
403, 405, 413, 414, 420,
426, 441, 477, 478, 514,
555
- GROWTH PERIOD
495
- GROWTH RATE
388, 419, 543
- GUM ARABIC
566
- H**
- HANDLING
598
- HARVESTING
386, 416
- HARVESTING DATE
398, 569
- HATCHING
490
- HEART RATE
517

- HEAT
473
- HEATING
568
- HELICOVERPA
ARMIGERA
452
- HERBICIDES
471
- HERITABILITY
428
- HIGH YIELDING
VARIETIES
334, 400, 411, 433
- HIGHLANDS
348, 440
- HONEY BEES
390
- HORMONES
514, 515
- HORSES
503
- HORTICULTURE
331, 422
- HOUSEHOLD
CONSUMPTION
360
- HOUSEHOLDS
358, 360, 361
- HPLC
445
- HUMAN BEHAVIOUR
393, 408, 436
- HUMAN DISEASES
564
- HUMAN RESOURCES
344, 353, 479, 484
- HUSKING
534
- HYBRIDIZATION
432
- HYBRIDS
337, 432, 435, 449
- HYDROLYSIS
597
- HYPERGLYCAEMIA
566
- HYPOGLYCAEMIA
583
- I**
- IDENTIFICATION
308, 310, 436, 532
- IMAGERY
562
- IMMUNE RESPONSE
522
- IMMUNODIAGNOSIS
524
- IMMUNOLOGY
526
- IMPORTS
362, 383, 384
- IN VITRO
404, 499
- IN VITRO
EXPERIMENTATION
586
- INBRED LINES
442
- INCOME
361
- INDIGENOUS
ORGANISMS
444
- INDONESIA
301, 303, 306, 315, 319,
324, 352, 365, 435, 443,
548, 562, 592
- INDUCED POLYPLOIDY
429
- INDUSTRIAL CROPS
322
- INDUSTRY
373
- INFECTION
466, 531
- INFESTATION
453
- INFLUENZA VIRUS
528
- INGREDIENTS
489
- INNOVATION
301, 310, 311, 328, 354,
363, 425, 552
- INNOVATION
ADOPTION
314, 315, 322, 336, 347
- INPUT OUTPUT
ANALYSIS
305, 408
- INSTANT FOOD
574
- INTEGRATED
CONTROL
455
- INTEGRATED PEST
CONTROL
454
- INTEGRATED PEST
MANAGEMENT
373, 463
- INTEGRATED PLANT
PRODUCTION
312, 337, 367
- INTEGRATION
353
- INTENSIF FARMING
328
- INTENSIFICATION
332, 379
- INTERCROPPING
420, 421, 422, 427, 441
- INTEREST GROUPS
302
- INTEREST RATE
308
- INTERNATIONAL
TRADE
384
- IPOMOEA AQUATICA
416
- IPOMOEA BATATAS
356
- IRIAN JAYA
356
- IRRIGATED LAND
313, 394, 427
- IRRIGATED RICE
409, 412
- IRRIGATION
418
- IRRIGATION SYSTEMS
456
- ISOLATES
525
- ISOLATION
444, 521
- ISOLATION
TECHNIQUES
565
- ISOPTERA
457, 508
- J**
- JATROPHA CURCAS
389, 423, 435, 538, 539,
540
- JAVA
302, 305, 307, 308, 312,
313, 320, 323, 332, 333,
335, 348, 349, 353, 354,
355, 359, 360, 367, 375,
376, 379, 381, 382, 393,
394, 395, 397, 408, 415,
422, 436, 440, 450, 453,
454, 456, 476, 479, 484,
493, 498, 506, 532, 534,
536, 542, 544, 547, 550,
551, 552, 560, 572, 589
- K**
- KAEMPFERIA
411, 420
- KALIMANTAN
328, 363, 369, 380, 409,
439, 549, 555, 567, 595

- KAPOK
 590, 591
 KEEPING QUALITY
 386, 474, 475, 575, 598
 KENAF
 588
- L**
- LABORATORY
 ANIMALS
 583
 LABOUR ALLOCATION
 361
 LACTASE
 493
 LACTATE
 DEHYDROGENASE
 522
 LACTIC ACID
 BACTERIA
 525, 585
 LAMBS
 495
 LAND CLASSIFICATION
 351
 LAND PRODUCTIVITY
 324, 338
 LAND RESOURCES
 328
 LAND SUITABILITY
 307, 321, 340, 397
 LAND USE
 360, 536, 551
 LANSIUM
 DOMESTICUM
 386, 579
 LAYER CHICKENS
 494, 511
 LEACHATES
 549
 LEACHING
 555
 LEAF MEAL
 500, 520
 LECITHINS
 502
 LEGUMES
 498
 LEPTOCORISA
 464
 LEUCAENA
 500, 509
 LIPID CONTENT
 492
 LIQUID NITROGEN
 518
 LIQUID WASTES
 494
 LIRIOMYZA
 HUIDOBRENSIS
- 459
 LITTER SIZE
 522
 LIVESTOCK
 353, 368, 502, 595
 LIVING STANDARDS
 336
 LOWLAND
 348, 409
 LUMBRICUS RUBELLUS
 586
 LYCOPERSICON
 ESCULENTUM
 467
- M**
- MACROPHOMINA
 PHASEOLINA
 470
 MAIZE
 326, 380, 597
 MALES
 585
 MALUKU
 321, 433
 MANAGEMENT
 352, 371, 488, 535
 MANGIFERA
 567
 MANGOES
 382
 MANUAL OPERATION
 534
 MARANTA
 ARUNDINACEA
 569
 MARGINAL LAND
 423
 MARKETING
 380, 385
 MARKETING
 CHANNELS
 372, 381
 MARKETING MARGINS
 380, 381
 MARKETING
 TECHNIQUES
 382
 MARKETS
 382
 MASTITIS
 492
 MATURITY
 507, 520
 MEAT PRODUCTS
 359
 MERISTEMS
 401
 METABOLISM
 510
- METARHIZIUM
 ANISOPLIAE
 457
 METHANE
 595
 METROXYLON
 448
 MICROBIAL PROTEINS
 499
 MICROCLIMATE
 388, 399
 MICROWAVE
 RADIATION
 507
 MIGRATORY PESTS
 453
 MILK COW
 492
 MILLING
 599
 MINERAL NUTRIENTS
 511
 MINERAL SOILS
 550
 MIXED FARMING
 349
 MIXING
 588
 MOISTURE CONTENT
 449, 577, 584, 598
 MONOCULTURE
 421
 MORTALITY
 458, 513, 518
 MORUS ALBA
 449
 MOTHER PLANTS
 433
 MOTHER WEIGHT
 513
 MOTIVATION
 379, 393
 MOULDING
 584
 MULCHES
 417, 419
 MULCHING
 417
 MULTIPLE CROPPING
 395
 MUSCLES
 515
 MYCORRHIZAE
 478, 552
 MYCOTOXINS
 530
- N**
- NANNY GOATS
 491

- NATIONAL INCOME
329, 336
- NATURAL ENEMIES
451, 461, 462, 463
- NATURAL RESOURCES
316, 479
- NATURE RESERVES
450
- NEOPLASMS
443, 445, 521
- NICOTIANA TABACUM
318
- NITROGEN
FERTILIZERS
416
- NPK FERTILIZERS
406, 407
- NUSA TENGGARA
309, 491
- NUTRIENT
AVAILABILITY
557
- NUTRIENT
IMPROVEMENT
494, 497
- NUTRIENT UPTAKE
411
- NUTRIENTS
556
- NUTRITION
PHYSIOLOGY
510
- NUTRITIONAL STATUS
409, 412
- NUTRITIVE VALUE
369, 500, 501, 507
- O**
- OIL CROPS
423
- ORGANIC
AGRICULTURE
320, 393
- ORGANIC FERTILIZERS
410, 415, 425, 426, 553,
555
- ORGANIC MATTER
553, 554, 557
- ORGANOLEPTIC
PROPERTIES
374, 576, 581, 584
- ORNAMENTAL PLANTS
366
- ORYZA SATIVA
312, 325, 361, 363, 367,
387, 393, 397, 400, 408,
409, 412; 424, 427, 434,
439, 440, 456, 464, 471,
533, 555, 583
- OVENS
568
- OXYGEN
599
- P**
- PACKAGING
MATERIALS
599
- PAECILOMYCES
457
- PALM OILS
494, 568
- PANDANUS
581
- PARASERIANTHES
FALCATARIA
458, 478
- PARASITISM
464
- PARASITOIDS
459, 464
- PARTICIPATION
379, 393, 533
- PARTNERSHIPS
342, 357
- PATHOGENICITY
457, 470, 526
- PCR
527
- PEASANTRY
343
- PEELING
570, 571
- PELLETING
489
- PENNISSETUM
PURPUREUM
508
- PENTOSANS
597
- PEPPER
465
- PERIODICITY
561
- PEST CONTROL
METHODS
456
- PESTICIDE RESISTENCE
471
- PESTICIDES
366
- PESTS OF ANIMALS
529
- PESTS OF PLANTS
454, 461, 463
- PH
492
- PHENOTYPES
429
- PHILODENDRON
366
- PHOSPHATE
FERTILIZERS
409
- PHOSPHORUS
556
- PHYTASE
565
- PHYTOPHTHORA
469
- PICKING
388
- PIGMENTATION
500
- PIMPINELLA
446
- PLANOCOCCUS
465
- PLANT ANATOMY
429, 448, 452
- PLANT BREEDING
428, 435, 539
- PLANT DISEASES
454
- PLANT EXTRACTS
445, 587
- PLANT FATS
322
- PLANT GENETIC
RESOURCES
433
- PLANT NURSERIES
477
- PLANT PHYSIOLOGY
429
- PLANT PROPAGATION
402, 403
- PLANT RESPONSE
411, 412, 553
- PLANTATIONS
303, 327, 334, 418, 463
- PLANTING DATE
339
- PLASTIC
592
- PLUCKING
392
- POGOSTEMON CABLIN
587, 589
- POLIANTHES
475
- POLICIES
305
- POLLUTION
600
- POLYETHYLENE
509
- POLYMORPHISM
514

- POLYPHAGOTARSONE
MUS LATUS
455, 460
- POLYPROPYLENE
588
- POPULATION
DISTRIBUTION
436
- POPULATION
DYNAMICS
532
- POSTHARVEST
TECHNOLOGY
350, 396, 472, 598
- POTASH FERTILIZERS
409
- POVERTY
311, 344, 345, 357, 365,
377
- POWDERS
586
- PRAWNS AND SHRIMPS
593
- PREGNANCY
493, 497, 504
- PRESERVATION
502, 575
- PRESERVATIVES
474, 475, 575
- PRESSING
588, 591
- PRICE
383
- PRICE ELASTICITIES
381
- PRICE FORMATION
350
- PRICE STABILIZATION
331, 379
- PRICES
382
- PROBIOTICS
525
- PROCESSED PLANT
PRODUCTS
572
- PROCESSED PRODUCTS
369, 569, 581
- PROCESSING
369, 370, 410, 535, 537,
539, 568, 569, 571, 574,
575, 577, 584, 596
- PRODUCT
DEVELOPMENT
303, 430
- PRODUCTION
331, 336, 346, 384, 385,
398, 416, 418, 420, 429,
488, 535
- PRODUCTION
CONTROLS
360
- PRODUCTION COSTS
335, 354, 380, 397, 572
- PRODUCTION DATA
315, 324, 333
- PRODUCTION FACTORS
332
- PRODUCTION
FUNCTIONS
332
- PRODUCTION
INCREASE
312, 313, 323, 329, 336,
337, 338, 339, 394, 396
- PRODUCTION
LOCATION
330
- PRODUCTION POLICIES
330
- PRODUCTION
POSSIBILITIES
332, 333, 479
- PRODUCTIVITY
331, 334, 368, 383, 389,
392, 397, 432, 433, 440,
496, 513
- PROFIT
305
- PROFITABILITY
552
- PROPERTY TRANSFERS
452
- PROTECTIVE COATING
578
- PROTEINS
598
- PROVENANCE
478
- PROXIMATE
COMPOSITION
520, 566, 569, 581, 582
- PRUNING
338, 388, 392
- PSEUDOMONAS
PUTIDA
467
- PUMPKINS
369
- PUMPS
533
- PURIFICATION
565
- Q**
- QUAILS
520
- QUALITY
318, 371, 386, 396, 411,
426, 431, 432, 472, 481,
489, 497, 531, 534, 571,
582, 587, 599
- R**
- RAIN
388, 561
- RAINFED FARMING
439
- RAISINS
579
- RAMS
510
- RAPID RURAL
APPRAISAL
484
- RATIONS
490, 496, 509, 510, 520
- RATS
505
- RAW MATERIALS
308, 590
- REARING TECHNIQUES
480, 482, 483
- RECLAMATION
379, 559
- RECURRENT
SELECTION
435
- RECYCLING
592
- REGENERATION
404, 446
- RENEWABLE ENERGY
538
- RENEWABLE
RESOURCES
594
- REPLANTING
338, 379
- REPRODUCTIVE
PERFORMANCE
491
- RESEARCH
315, 353
- RESEARCH POLICIES
301, 336
- RESIDUES
530, 596
- RESPIRATION RATE
517
- RHIZOCTONIA SOLANI
470
- RICE
326, 329, 336, 337, 371,
472, 534, 576, 599

- RICE FIELDS
409, 412
- RICE STRAW
417
- RIPENING
473
- RIVERS
536
- ROCK PHOSPHATE
548
- ROLE OF WOMEN
361
- ROOTING
406
- RUBBER
535
- RUMEN
510
- RUMEN DIGESTION
507
- RUMEN FLUID
508
- RUMINANTS
489
- RUNOFF
536
- RURAL AREAS
310, 340, 341, 343, 540,
541
- RURAL COMMUNITIES
311, 317, 341, 343, 345,
352, 357, 358, 364
- RURAL DEVELOPMENT
311, 319, 342, 343, 344,
352, 365
- RURAL ENVIRONMENT
476
- RURAL SOCIOLOGY
357
- S**
- SACCHARUM
OFFICINARUM
447
- SALMONELLA
586
- SANDY SOILS
399, 454, 552, 553
- SATELLITES
562
- SAUCES
370
- SAUROPLUS
520
- SCIONS
401
- SEED
396, 570
- SEED LONGEVITY
599
- SEED POTATOES
403
- SEED PRODUCTION
314, 337, 403, 433
- SEED STORAGE
599
- SEEDLINGS
477, 478
- SELECTION
433, 434, 441, 504
- SELECTION RESPONSES
429
- SELF SUFFICIENCY
472
- SEMEN
481, 502
- SENSES
552
- SEPARATING
593
- SEPARATOR
593
- SESAMUM INDICUM
313, 339, 362, 370, 372,
384, 390, 394, 395, 396,
455, 460, 466, 469, 470
- SEXUAL MATURITY
516
- SHADING
399, 441, 481
- SHEEP
482, 483, 484, 485, 487,
493, 509, 512, 522, 523,
524
- SHELL
593
- SHOOT PRUNING
477
- SHOOTS
388
- SIMULATION
561
- SIMULATION MODELS
561
- SKIM MILK
503
- SLOPING LAND
307
- SMALL FARMS
422
- SMECTITES
550
- SOAKING
566, 573
- SOCIAL BEHAVIOUR
316
- SOCIAL CHANGE
375
- SOCIAL FORESTRY
375, 423, 425
- SOCIAL INSTITUTIONS
314, 366, 375
- SOCIAL
PARTICIPATION
316
- SOCIAL WELFARE
358, 376
- SOCIOECONOMIC
ENVIRONMENT
325, 363, 422, 589
- SOCIOECONOMIC
ORGANIZATION
375
- SODIUM
475
- SODIUM
BICARBONATE
584
- SODIUM SULPHITE
575
- SOIL ANALYSIS
321, 556
- SOIL
CHEMICOPHYSICAL
PROPERTIES
391, 549, 550, 551, 553,
554, 555
- SOIL CLASSIFICATION
551
- SOIL COMPACTION
558
- SOIL CONSERVATION
388, 542, 551, 558
- SOIL FERTILITY
373, 554, 557
- SOIL IMPROVEMENT
321
- SOIL MANAGEMENT
542, 557
- SOIL ORGANIC
MATTER
558
- SOIL PH
558
- SOIL STRUCTURE
551
- SOIL TESTING
412
- SOLANUM
TUBEROSUM
403, 419, 459
- SOLAR RADIATION
562
- SOLID STATE
FERMENTATION
565
- SOMATIC
EMBRYOGENESIS
446, 448

- SORGHUM
511
- SOUND
318, 590
- SOYBEAN
308, 326
- SOYFOODS
308, 493, 511
- SPACING
389, 420
- SPERMATOOZOA
503, 505, 518, 519
- SPROUTING
401
- STABILIZERS
578
- STALLIONS
503
- STARCH
577
- STARCH PRODUCTS
564, 569
- STEAMING
570, 571, 589
- STEM EATING INSECTS
453, 456
- STERILIZING
598
- STORAGE
472, 473, 474, 519, 575
- STOREHOUSES
376
- STRENGTH
588
- STRESS
429
- STUMPS
405
- SUCROSE
447, 584
- SULAWESI
338, 407, 421, 438, 554, 596
- SULPHUR
600
- SULPHURIC ACID
597
- SUMATRA
330, 341, 344, 351, 374, 389, 398, 430, 437, 464, 485, 488, 538, 579
- SUNFLOWER MEAL
492
- SUPPLEMENTARY FEEDING
497
- SUPPLEMENTS
491, 492, 495, 500
- SUPPLY AND DEMAND
371
- SURVEYING
355
- SURVEYS
349, 454
- SUSPENSION SYSTEMS
591
- SUSTAINABILITY
316, 327, 373, 388, 418, 557
- SWAMP SOILS
328, 351, 361, 363, 398, 533
- SWEET CORN
553
- SWEET POTATOES
356
- SYZYGIIUM AROMATICUM
332, 407, 420, 421, 422, 431, 433, 453
- T**
- TANNINS
509
- TAXUS
444, 521
- TEA
327, 373, 383, 385, 418, 537, 566, 574
- TEA INDUSTRY
327, 574
- TECHNOLOGY
310, 317, 400, 427
- TECHNOLOGY INNOVATION
346
- TECHNOLOGY TRANSFER
301, 302, 312, 314, 318, 319, 323, 324, 325, 328, 354, 355, 363, 367, 387, 393, 399, 402, 425, 552, 589, 595
- TEMPERATURE
517, 546
- TERMS OF TRADE
350
- TESTES
505, 519
- TESTOSTERONE
515
- THEOBROMA CACAO
321, 401
- THERMAL ANALYSIS
588
- THERMAL ENERGY
537
- THINNING
338
- THRESHERS
534
- TIDES
351, 398, 437
- TISSUE CULTURE
446
- TOBACCO
376
- TOXICITY
521
- TOXOPLASMA GONDII
526
- TRADE
331
- TRADE POLICIES
350
- TRADITIONAL TECHNOLOGY
356, 422, 479, 484
- TRADITIONAL USES
421
- TRANSMISSIONS
465, 590
- TREATMENT
544
- TRITICUM AESTIVUM
428
- TROPICAL CLIMATE
517
- TROPICAL CROPS
572
- TUBERCULOSIS
524
- TUBERS
580
- TUNISIA
548
- U**
- UPLAND RICE
434, 440
- UPLAND SOILS
551
- UREA
408
- USES
410, 450, 591, 595
- V**
- VACCINATION
523
- VANDA
432
- VARIETIES
325, 367, 386, 387, 391, 402, 403, 430, 436, 437, 439, 440, 441, 466, 473, 534, 567, 583

VEGETABLE CROPS 324, 360	WATER QUALITY 543	WOUNDS 529
VISCOSITY 577	WATER RESERVOIRS 532, 543, 547	Y
VITAMIN E 490	WATER USE 418	YAMS 580
VOLATILE FATTY ACIDS 499	WATERFOWL 527	YEASTS 511, 576
W	WATERING 415	YIELD COMPONENTS 312, 412, 416, 420, 428, 439, 441
WASTE MANAGEMENT 592	WATERSHED MANAGEMENT 542, 547	YIELDS 331, 391, 394, 407, 411, 414, 419, 424, 426, 431, 437, 460, 534
WASTES 368, 544, 595, 597	WATERSHEDS 321	
WASTEWATER 544	WEANING WEIGHT 512	Z
WASTEWATER MANAGEMENT 594	WEED CONTROL 463, 471	ZEA MAYS 314, 354, 361, 363, 415, 420, 426, 430, 442, 533
WASTEWATER TREATMENT 546	WEEDS 471	ZEOLITES 568
WATER BALANCE 545	WEIGHT 490	ZINC 495
WATER BUFFALOES 508	WELFARE ECONOMICS 377	ZINGIBER OFFICINALE 307, 437
WATER DEPLETION 427	WET SEASON 560	ZOOLOGY 462
WATER MANAGEMENT 542	WOMEN 353	ZOONOSES 529
	WORK CAPACITY 570	

CORPORATE BODY INDEX / INDEKS BADAN KORPORASI

B	Indonesia, Jakarta	Pusat Penelitian dan Pengembangan
Balai Besar Pengkajian dan Pengembangan	354, 361, 363, 381, 393, 425, 443, 444, 445, 479,	Peternakan, Bogor
Teknologi Pertanian,	484, 489, 521, 533, 534,	483, 485, 487, 493, 504,
Bogor	552, 563, 564, 566, 568,	506, 523, 524
304, 310, 311, 314, 317,	569, 570, 577, 578, 581,	Pusat Penelitian dan Pengembangan Sosial
320, 321, 322, 329, 336,	584, 585, 588, 589, 590,	Ekonomi Pertanian,
337, 338, 340, 341, 342,	591, 593, 597	Bogor
343, 344, 345, 346, 347,		301, 302, 305, 308, 309,
351, 352, 356, 357, 358,		312, 315, 318, 319, 323,
364, 365, 366, 368, 369,	P	324, 325, 328, 333, 335,
371, 374, 382, 386, 389,	Pusat Analisis Sosial	348, 353, 355, 360, 367,
398, 401, 413, 419, 423,	Ekonomi dan Kebijakan	375, 380, 397, 399, 402,
430, 435, 437, 464, 472,	Pertanian, Bogor	403, 408, 409, 412, 416,
473, 538, 539, 540, 541,	482, 488, 495, 512, 513,	432, 436, 439, 440, 441,
567, 579, 580, 595, 596,	516, 517	454, 456, 467, 496, 497,
599	Pusat Penelitian dan Pengembangan	498, 542, 551, 553, 572,
Balai Pengkajian Teknologi	Perkebunan, Bogor	576, 582, 586, 598
Pertanian Sumatera	313, 332, 339, 350, 362,	Pusat Penelitian Teh dan
Selatan, Palembang	370, 372, 379, 384, 390,	Kina, Gambung
330, 378, 400, 410, 417,	394, 395, 396, 407, 420,	316, 327, 334, 373, 383,
427	421, 422, 431, 433, 453,	385, 388, 418, 463, 537,
	455, 460, 466, 469, 470	557, 558, 574
L		
Lembaga Ilmu Pengetahuan		

JOURNAL INDEX / INDEKS JURNAL

A	424, 461, 471, 474, 475,	494, 499, 503, 505, 507,
Agrotrop	501, 571, 575, 587	508, 519, 527, 528
376, 391, 414, 434, 476,		Jurnal Pemuliaan Tanaman
565		Hutan
Animal Production	I	449, 458, 477, 478
349, 359, 429, 481, 490,	Indonesian Journal of	Jurnal Penelitian Tanaman
491, 492, 500, 502, 509,	Agricultural Science	Industri
510, 511, 514, 515, 518,	406, 428, 442, 446, 447,	404, 411, 426, 438, 452,
520, 522, 525, 531, 546,	448, 459, 468, 548, 554,	465
573	583	Jurnal Penelitian Teh dan
		Kina
		392, 405, 451, 457, 462
B	J	Jurnal Teknologi
Buletin Hasil Penelitian	Jurnal Ilmu Tanah dan	Lingkungan
Agroklimat dan	Lingkungan	450, 532, 535, 536, 543,
Hidrologi	307, 415, 549, 550, 555,	544, 559, 562, 592, 600
545, 547, 560, 561	556	Wartazoa
Buletin Teknik Pertanian	Jurnal Ilmu Ternak dan	480, 526, 529, 530, 594
	Veteriner	