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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, 2008

Kepala Pusat Perpustakaan dan
Penyebaran Teknologi Pertanian

**A50 AGRICULTURAL RESEARCH/
PENELITIAN PERTANIAN**

301 BAHRI, S. [Research and development goals of animal husbandry in 2005-2009]. Arah penelitian dan pengembangan peternakan tahun 2005-2009/Bahri, S. (Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia)); Setiadi, B.; Inounu, I. [Proceedings of the national seminar on livestock and veteriner in 2004. Book 1]. Prosiding seminar nasional teknologi peternakan dan veteriner 2004. Buku 1./Thalib, A.; Sendow, I.; Purwadaria, T.; Tarmudji; Darmono; Triwulanningsih, E.; Beriajaya; Natalia, L.; Nurhayati; Ketaren, P.P.; Priyanto, D.; Iskandar, S.; Sani, Y. (eds.) Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Bogor : Puslitbangnak, 2004: p. 6-10
Call.Number: 636:619/SEM/P

LIVESTOCK; RESEARCH; RESEARCH POLICIES; RESEARCH SUPPORT; DEVELOPMENT POLICIES; INNOVATION.

C20 EXTENSION / PENYULUHAN

302 DIREKTORAT KACANG-KACANGAN DAN UMBI-UMBIAN. [Optimalization of extension workers institutions]. Optimalisasi pemanfaatan kelembagaan penyuluh/Direktorat Kacang-Kacangan dan Umbi-umbian, Jakarta (Indonesia). Jakarta : Direktorat Kacang-Kacangan dan Umbi-umbian, 2004: 2 p.

AGROINDUSTRIAL SECTOR; EXTENSION ACTIVITIES; ADVISORY OFFICERS.

303 ROSA, E. [Selection principal of agricultural extension method]. Prinsip-prinsip memilih metoda penyuluhan pertanian/Rosa, E. Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia). Liptan BPTP Sumatera Barat (Indonesia). (2005) (no. 07) 2 p.

AGRICULTURE; EXTENSION ACTIVITIES; ADVISORY OFFICERS; FARMERS; INNOVATION ADOPTION.

304 SYUFRI, A. [New paradigm on agricultural extension]. Paradigma baru penyuluhan pertanian/Syufri, A. (Balai Pengkajian Teknologi Pertanian Sumatera

Barat, Sukarami (Indonesia)). Liptan BPTP Sumatera Barat (Indonesia). (2005) (no. 02) 2 p.

FARMERS; FARM MANAGEMENT; EXTENSION ACTIVITIES; ADVISORY OFFICERS.

**E10 AGRICULTURAL ECONOMICS
AND POLICIES / EKONOMI DAN
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305 TRIMULYANTARA, L. [Optimizing energy use on rice cultivation in tidal land: case study in Musi Banyuasin Regency, South Sumatra]. Optimalisasi penggunaan energi pada budidaya padi di lahan pasang surut: studi kasus di Kabupaten Musi Banyuasin, Sumatera Selatan/Trimulyantara, L.; Hendriadi, A. (Balai Besar Mekanisasi Pertanian, Serpong, Tangerang (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 147-156 3 ill., 9 ref. Appendices
Call.Number: 631.445.1/SEM/pc1

ORYZA SATIVA; TIDES; INTERTIDAL ENVIRONMENT; CULTIVATION; ENERGY CONSUMPTION; FARM INPUTS; COST ANALYSIS; EFFICIENCY; MECHANIZATION; IRRIGATION; TRADITIONAL FARMING; SUMATRA.

**E11 LAND ECONOMICS AND
POLICIES / EKONOMI DAN
KEBIJAKAN LAHAN**

306 ABDURACHMAN, A. [Effort on added value increase on swampland through food crops and horticulture diversification reach farmer income increasing]. Usaha peningkatan nilai tambah lahan rawa melalui diversifikasi tanaman pangan dan hortikultura dalam mencapai peningkatan pendapatan petani/Abdurachman, A.; Hartatik, W.; Suriadikarta, D.A. (Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book

1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 36-48 5 tables; 15 ref. Call.Number: 631.17.001.57/SEM/p

FOOD CROPS; VEGETABLE CROPS; FRUIT CROPS; CATCH CROPS; SWAMPS; FARM INCOME; FARMERS; DIVERSIFICATION; AGRICULTURAL DEVELOPMENT.

307 BALAI PENGKAJIAN DAN PENGEMBANGAN TEKNOLOGI PERTANIAN, BOGOR. [Selection of farming system zone in Banten Province]. Pemilihan farming system zone di Propinsi Banten/Balai Pengkajian dan Pengembangan Teknologi Pertanian Bogor. Bogor (Indonesia): BP2TP, 2003: 23 p. Call.Number: Br.Ind/631.115(922.11)/BAL/p

AGROCLIMATIC ZONES; FARMING SYSTEMS; LAND EVALUATION; CROPPING SYSTEMS; EVAPOTRANSPIRATION; FARM MANAGEMENT; RAIN; JAVA.

308 DJAFAR, Z.R. [Development and management of swamp land for sustainable food security]. Pengembangan dan pengelolaan lahan rawa untuk ketahanan pangan yang berkelanjutan/Djafar, Z.R. (Universitas Sriwijaya, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 24-35 17 ref. Call.Number: 631.17.001.57/SEM/p

SWAMPS; LAND MANAGEMENT; FOOD SECURITY.

309 HAFIZIANSYAH, H.G. Land suitability evaluation for paddy and 2 nd crops on Kahayan and Mendawai land system in Padang Pangrapat village . Evaluasi kesesuaian lahan pada sistem lahan Kahayan dan Mendawai di Desa Padang Pangrapat untuk pengembangan padi sawah dan

palawija/Hafiziansyah, H.G.. Jurnal Tanah Tropika (Indonesia). ISSN 0852-257X (2004) v. 10(1)p. 63-68 3 tables; 12 ref.

ORYZA SATIVA; LAND SUITABILITY; SUMATRA.

310 SUBOWO G. [Potential and added value increase of mineral resources on swamp soil for agriculture in South Sumatra]. Potensi dan peningkatan nilai tambah sumberdaya mineral lahan rawa untuk pertanian di Sumatera Selatan/Subowo G.; Yenni; Ratmini, N.P.S. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 61-70 6 tables; 14 ref. Call.Number: 631.17.001.57/SEM/p

SWAMP SOILS; MINERAL SOILS; MINERAL RESOURCES; FARM MANAGEMENT; VALUE ADDED; HEALTH; SUMATRA.

E12 LABOUR AND EMPLOYMENT/ TENAGA KERJA DAN KESEMPATAN KERJA

311 SUMARDI. [Empowerment of fishermen women on agribusiness development]. Pemberdayaan perempuan tani nelayan dalam pembangunan agribisnis/Sumardi. Agro Humaniora (Indonesia). ISSN 1693-5837 (2004) v. 2(6) p. 7-8 2 ill.

WOMEN; ROLE OF WOMEN; HUMAN RESOURCES; FISHERMEN; AGRO-INDUSTRIAL SECTOR.

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

312 NIZAR, R. [Performance of agricultural credit especially on food crops subsector]. Keragaan kredit pertanian sub sektor tanaman pangan /Nizar, R. (Universitas Mahaputra Muhammad Yamin, Solok (Indonesia)). Jurnal

Ilmiah Tambua (Indonesia). ISSN 1412-5838 (2004) v. 3(1) p. 1-5 3 tables; 7 ref.

FOOD CROPS; CREDIT; FARMERS; CAPITAL PRODUCTIVITY; FOOD SECURITY; SELF SUFFICIENCY.

313 SIMATUPANG, P. [Agribusiness prospect and development : a resume of investment requirement estimation]. Prospek dan arah pengembangan agribisnis: rangkuman kebutuhan investasi/Simatupang, P.; Syafa'at, N.; Mardianto, S.; Karyasa, K.; Maulana, M. (Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia)) Jakarta: Badan Litbang Pertanian, 2005: 76 p.
Call.Number: 330.322.338.43/BAD/p

AGROINDUSTRIAL SECTOR; ECONOMIC DEVELOPMENT; INVESTMENT REQUIREMENTS.

E14 DEVELOPMENT ECONOMICS AND POLICIES / EKONOMI DAN KEBIJAKAN PEMBANGUNAN

314 AMIATY, R.E. [Small enterprises budgeting system to support agricultural sector development]. Sistem pembiayaan UKM untuk menunjang pengembangan sektor pertanian/Amiaty, R.E. (Bank Indonesia). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang: Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 23-30 1 table
Call.Number: 631.171/SEM/m

AGRICULTURAL SECTOR; BUDGETING; ECONOMIC GROWTH; BANKING; CREDIT POLICIES.

315 BUDIANTO, J. [Developing the potential of farmer resources through partisipative technology application]. Pengembangan potensi sumberdaya petani melalui penerapan teknologi partisipatif/Budianto, J. (Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on agricultural technology development :Agricultural technology based on local resources and environment friendly

supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 1-6 5 ref.

Call.Number: 631.17(594)/SEM/t

AGRICULTURAL RESOURCES; FARMERS; TECHNOLOGY TRANSFER; AGROINDUSTRIAL SECTOR.

316 FAGI, A.M. [Using of technology roadmap on priority determining of research and assessment]. Penggunaan technology roadmap dalam penentuan prioritas penelitian dan pengkajian/Fagi, A.M.(Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia)). Analisis Kebijakan Pertanian (Indonesia). ISSN 1693-2021 (2003) v. 1(4) p. 306-314 6 ill., 1 table

RESEARCH; TECHNOLOGY; PLANNING.

317 HENDRIADI, A. [Matching map of farm equipment technology level for agricultural mechanization sustainability in potential wetland in Indonesia]. Peta kesepadanan tingkat teknologi alsintan untuk kesinambungan mekanisasi pertanian pada lahan sawah potensial di Indonesia/Hendriadi, A.; Bambang, S.; Hendiarto (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 173-188 3 ill., 4 tables; 17 ref. Appendices
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FARM EQUIPMENT; TECHNOLOGY; IRRIGATED LAND; MECHANIZATION; SURVEYING; CARTOGRAPHY; INDONESIA.

318 MA'SHUM, M. [Institution synergy of agricultural research in strong agricultural development]. Sinergi lembaga penelitian pertanian dalam membangun pertanian tangguh/Ma'shum, M.; Sudirman (Universitas Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: Agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 27-33
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AGROINDUSTRIAL SECTOR;
AGRICULTURAL DEVELOPMENT;
RESEARCH.

319 MASHUR. [Developing research and assessment of partisipative agricultural technology dissemination on improving Assessment Institute for Agricultural Technology (AIAT) roles on region autonomy era]. Pengembangan LITKAJI diseminasi teknologi pertanian partisipatif dalam meningkatkan peran BPTP pada era otonomi daerah/Mashur; Prptom, D.; Basuki, I.; Panjaitan, T.; Nurwati, A.; Muzani, A. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agriculture technology development :Agriculture technology based of local resources and environment friendly in area autonomy support]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 34-52 2 tables; 4 ref.
Call.Number: 631.17 (594)/SEM/t

AGRICULTURAL DEVELOPMENT;
TECHNOLOGY TRANSFER; RESEARCH
INSTITUTIONS; NUSA TENGGARA.

320 PRAMONO, E. [Agromedicinal development in Indonesia utilization of Indonesian natural resources]. Pengembangan agromedisin Indonesia: Pemanfaatan sumber daya alam Indonesia menjadi komoditas farmasi unggulan/Pramono, E. [Proceedings of forum on institutional coordination of various plant production]. Prosiding forum koordinasi kelembagaan produksi aneka tanaman/Direktorat Tanaman Sayuran, Hias dan Aneka Tanaman, Jakarta (Indonesia). Jakarta : Direktorat Tanaman Sayuran dan Tanaman Hias, 2002: p. 83-101 29 ref.
Call.Number: 633.88/FOR/p

DRUG PLANTS; USES; PRODUCT
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RESOURCES.

321 ROSWITA, R. [Decision process of innovation adoption of pest and disease control by using biological control agents: case on vegetable farmers in Banuhampu and Sungai Puar Subdistricts, Agam West Sumatra]. Tahapan proses keputusan adopsi inovasi pengendalian hama dan penyakit tanaman dengan agen hayati (Kasus petani sayuran di Kecamatan Banuhampu dan Sungai Puar Kabupaten Agam Sumatera Barat/Roswita, R. Institut Pertanian Bogor (Indonesia). Program Pascasarjana. Bogor : IPB, 2004: 98 p.
Call.Number: 632.937/ROS/t

VEGETABLES; CROPS; INTEGRATED
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AGENTS; NATURAL ENEMIES;
INNOVATION ADOPTION; SUMATRA.

322 ZETH, R. [Development plan of South Sumatra Province agricultural sector]. Arah pembangunan propinsi Sumatera Selatan (Sektor Pertanian) / Zeth, R. (Badan Perencanaan Daerah Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 49-51
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SUMATRA; AGRICULTURAL
DEVELOPMENT; DEVELOPMENT
POLICIES.

**E16 PRODUCTION ECONOMICS /
EKONOMI PRODUKSI**

323 AL-JABRI, M.L. [Self sufficiency concept of sugar in Indonesia]. Gagasan swasembada gula di Indonesia/Al-Jabri, M.L. (Balai Penelitian Tanah, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2004) v. 26(2) p. 15-16

SACCHARUM OFFICINARUM; SUGAR;
LESS FAVOURED AREAS; SELF
SUFFICIENCY; SOIL MANAGEMENT;
CULTIVATION; PRODUCTION
INCREASE; INDONESIA.

**E20 ORGANIZATION, ADMINISTRA-
TION AND MANAGEMENT OF
AGRICULTURAL ENTERPRISES
OR FARMS / ORGANISASI,
ADMINISTRASI DAN PENGE-
LOLAAN PERUSAHAAN PER-
TANIAN ATAU USAHA TANI**

324 AGUS, F. [Experiment of agricultural technique by and for the farmers). Percobaan teknik pertanian oleh dan untuk petani (POP)/Agus, F.; Ruijter, J. World Agroforestry Centre. (s.l): World Agroforestry Centre, 2004: 2 p.

FARMING SYSTEMS; TECHNOLOGY;
FARMERS; COST ANALYSIS.

325 BADAN PERENCANAAN
PEMBANGUNAN DAERAH NUSA
TENGGARA BARAT. [Potency and opportunity of agricultural development based of local resource in West Nusa Tenggara]. Potensi dan peluang pembangunan pertanian berbasis sumberdaya lokal di NTB/Badan Perencanaan Pembangunan Daerah Nusa Tenggara Barat. [Proceedings of the national seminar on agricultural technology development: Agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan

dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 55-60 2 tables
Call.Number: 631.17(594)/SEM/t

FOOD CROPS; HORTICULTURE;
FISHERY PRODUCTS; PLANTATIONS;
ANIMAL HUSBANDRY; FORESTRY;
AGROINDUSTRIAL SECTOR; PRO-
DUCTION LOCATION; FARM INCOME;
NUSA TENGGARA.

326 BUSTAMAN, S. [Land potential and selected agricultural commodity alternative based on agroecological zone map at each sub district in Ambon]. Potensi lahan beserta alternatif komoditas pertanian terpilih berdasarkan peta zona agroekologi pada setiap kecamatan di kota Ambon/Bustaman, S.; Susanto, A.N. Balai Pengkajian Teknologi Pertanian Maluku, Ambon (Indonesia). Ambon : BPTP Maluku, 2003: 28 p.

AGRICULTURAL PRODUCTS;
AGROECOSYSTEMS; CARTOGRAPHY;
SOCIOECONOMIC ENVIRONMENT;
MALUKU.

327 DJASMI. [Tolaki and Java culture: work ethic of farmers group and farm performance: case of two farmers groups in Kendari Regency, Southeast Sulawesi]. Kebudayaan etnis Tolaki dan Jawa: etos kerja dinamika kelompok, dan performa usahatani: (Kasus dua kelompok tani di Kabupaten Kendari, Sulawesi Tenggara)/Djasmi Institut Pertanian Bogor (Indonesia). Program Pascasarjana. Bogor : IPB, 2003: 187 p.
Call.Number: 631:39/DJA/k

FARMERS; FARM MANAGEMENT;
SOCIAL ANTHROPOLOGY; JAVA;
SULAWESI.

328 FERRY, Y. [Sugar palm (*Arenga pinnata*) farmers in Nanggroe Aceh Darussalam]. Pengrajin gula aren (*Arenga pinnata*) di Nanggroe Aceh Darussalam/Ferry, Y. (Pusat Penelitian dan Pengembangan Tanaman Perkebunan, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 6-8 1 table

ARENGA PINNATA; FARMING SYSTEMS; PROCESSING; FARM INCOME; MARKETING; COST ANALYSIS; SUMATRA.

329 HAMIDAH, S. [Dualism in tea local nucleus estate smallholder at Java]. Dualisme di lingkungan perusahaan inti rakyat (PIR) lokal teh di Jawa/Hamidah, S.; Widodo, S. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian); Widodo, S.. Agro Ekonomi (Indonesia). ISSN 0215-8787 (2003) v. 10(2) p. 81-102 11 tables; 23 ref.

CAMELLIA SINENSIS; SMALL FARMS; PLANTATIONS; LABOUR ALLOCATION; PRODUCTION; PRODUCTION COSTS; INCOME; JAVA.

330 HARYANI, M. [Autonomy level of women on vegetable farm management in Sukaraja, Sukabumi, West Java]. Tingkat kemandirian wanita tani dalam pengelolaan usahatani sayuran (Kasus di Kecamatan Sukaraja Kabupaten Sukabumi Provinsi Jawa Barat)/Haryani, M. Institut Pertanian Bogor (Indonesia). Bogor : IPB, 2004: 146 p. Call.Number: 635.1/.9-055.2/HAR/t

VEGETABLE CROPS; CULTIVATION; CROPPING SYSTEMS; SEED; PARTICIPATION; ROLE OF WOMEN; FEMALE LABOUR; FERTILIZER DISTRIBUTORS; TILLAGE; INTEGRATED PEST MANAGEMENT; WATER USE; HARVESTING; POSTHARVEST TECHNOLOGY; MARKETING; EXTENSION ACTIVITIES.

331 MALIK, A. [Farm performance, marketing and perspective of agribusiness-based maize in Jayapura, Papua]. Keragaan usahatani, pemasaran dan perspektif jagung berwawasan agribisnis di Jayapura Papua/Malik, A.; Atekan; Sihombing, S.R. (Balai Pengkajian Teknologi Pertanian Papua, Jayapura (Indonesia)). Jurnal Ilmiah Tambua (Indonesia). ISSN 1412-5838 (2005) v. 4(2) p. 96-104 1 ill., 3 tables; 11 ref.

MAIZE; FARMING SYSTEMS; MARKETING; AGROINDUSTRIAL SECTOR; COST BENEFIT ANALYSIS; IRIAN JAYA.

332 PT SAMPOERNO AGRO SEMBALUN, LOMBOK TIMUR. [Recognize of agricultural high technology]. Mengenal pertanian berteknologi tinggi/PT Sampoerno Agro Sembalun, Lombok Timur. [Proceedings of the national seminar on agricultural technology development: Agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 53-54 Call.Number: 631.17(594)/SEM/t

VEGETABLES; FRUITS; ORNAMENTAL PLANTS; AGROINDUSTRIAL SECTOR; GREENHOUSES; PLANT BIOTECHNOLOGY.

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ORYZA SATIVA; FERTILIZER APPLICATION; TIDES; POTASH FERTILIZERS; AGRONOMIC CHARACTERS; SOIL CHEMICOPHYSICAL PROPERTIES.

412 HIPI, A. [Application of leaf colour index for N fertilizer efficiency on maize]. Penggunaan bagan warna daun untuk efisiensi pupuk N pada tanaman jagung/Hipi, A.; Ratna, B.T.; Luthfi, M.; Sembiring, H. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development : agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian : teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah /Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 140-146 1 ill., 5 tables; 6 ref. Call.Number: 631.17(594)/SEM/t

ZEA MAYS; NITROGEN FERTILIZERS; LEAVES; COLOUR; EFFICIENCY; AGRONOMIC CHARACTERS; COST BENEFIT ANALYSIS.

413 INDRAYATI, L. [Effects of NPK fertilizer and liming on cabbage in shallow swamp land]. Pengaruh pupuk NPK dan kapur pada tanaman kubis di lahan lebak dangkal/Indrayati, L.; Fauziati, N.; Ar-Riza, I.; Raihana, Y. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A.

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BRASSICA OLERACEA; INTERTIDAL ENVIRONMENT; NPK FERTILIZERS; LIMING; SOIL CHEMICOPHYSICAL PROPERTIES; GROWTH; YIELD COMPONENTS; SWAMP SOILS.

414 ISNAINI, S. Q/I ratio of potassium in ricefield treated with two tillage systems . Nisbah Q/I kalium dua cara olah tanah sawah yang dipupuk Kalium/Isnaini, S. (Stiper Dharma Wacana, Lampung (Indonesia)). Jurnal Tanah Tropika (Indonesia). ISSN 0852-257X (2004) v. 10(1)p. 11-18 2 ill., 3 tables; 30 ref.

POTASSIUM; RICE FIELDS; TILLAGE.

415 MASGANTI [Effects of adsorbent compound and P fertilizer sources on peat nutrient supply]. Pengaruh macam senyawa penyerap dan sumber pupuk P terhadap daya penyediaan hara bahan gambut/Masganti (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangkaraya (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 347-358 2 tables; 35 ref. Call.Number: 631.445.1/SEM/p/c1

FOOD CROPS; PEAT SOILS; ORGANIC MATTER; PHOSPHATE FERTILIZERS; SOIL CHEMICOPHYSICAL PROPERTIES; ACID SULPHATE SOILS; ABSORPTION.

416 NOOR, R. [Fertilizer application on swamp land rice in South Kalimantan]. Penggunaan pupuk pada padi sawah lebak di Kalimantan Selatan/Noor, R.; Sardjijo (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional

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Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; FERTILIZER APPLICATION; SWAMP SOILS; DRY SEASON; CULTIVATION.

417 SABARUDDIN Response of phosphate solubilizing bacteria affected by liming at HTI *Acacia mangium* field after burned. Respon bakteri pelarut fosfat akibat pengapuran pada lahan HTI *Acacia mangium* pasca terbakar/Sabaruddin (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian). Jurnal Tanah Tropika (Indonesia). ISSN 0852-257X (2004) v. 10(1)p. 55-62 4 tables; 23 ref.

ACACIA MANGIUM; PHOSPHATES; SOLUBILIZATION; BACTERIA.

418 SEMBIRING, H. [Evaluation of leaf color chart use for N fertilizer recommendation of low land rice]. Evaluasi penggunaan bagan warna daun untuk rekomendasi pemupukan N padi sawah/Sembiring, H.; Hipi, A.; Wirajaswadi, L.; Sour, M.S. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development :Agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 72-78 6 tables; 10 ref.

Call.Number: 631.17(594)/SEM/t

IRRIGATED RICE; NITROGEN FERTILIZERS; USES; LEAVES; COLOUR; LEAF AREA INDEX.

419 SOUR, S. [Effect of N fertilizer application method and farmyard manure on lowland rice]. Pengaruh cara pengelolaan N

dan pemberian pupuk kandang pada tanaman padi di lahan sawah bukaan baru/Souri, S.; Sembiring, H.; Hipi, A. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development :Agricultural technology based of local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 79-82 4 tables; 4 ref.

Call.Number: 631.17(594)/SEM/t

ORYZA SATIVA; NITROGEN FERTILIZERS; FARMYARD MANURE; APPLICATION METHODS; LOWLAND.

420 YUNIZAR. [Utilization of "brangkas" of soybean and N fertilizer to increase rice yield on soybean-rice cropping pattern on potential land of Bunga Raya Riau]. Pemanfaatan brangkas kedelai dan pupuk N untuk meningkatkan hasil pada pola tanam kedelai-padi di lahan potensial bunga raya Riau/Yunizar; Hendri, Y.; Kerri (Balai Pengkajian Teknologi Pertanian Riau, Pekanbaru (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D.(eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 258-265 7 tables; 10 ref.

Call.Number: 631.17.001.57/SEM/p

ORYZA SATIVA; GLYCINE MAX; NITROGEN FERTILIZERS; UREA; CROPPING SYSTEMS; ORGANIC FERTILIZERS; GROWTH; SUMATRA.

F06 IRRIGATION / IRIGASI

421 KARYUDI. [Response and efficiency of water use on some rubber clones at drought condition in polybag nursery]. Respon dan efisiensi penggunaan air berbagai klon karet pada kondisi kekeringan di bibitan

polibeg/Karyudi; Siagian, N. (Pusat Penelitian Karet, Medan (Indonesia)). [Compilation papers of national workshop on rubber plant breeding of 2005]. Kumpulan makalah lokakarya nasional pemuliaan tanaman karet 2005/Balai Penelitian Sungai Putih, Medan (Indonesia). Medan : Balai Penelitian Sungai Putih, 2005: p. 180-191 6 tables; 22 ref.

HEVEA BRASILIENSIS; CLONES; CLONAL VARIATION; DROUGHT STRESS; SEEDLINGS; EFFICIENCY; WATER USE; OSMOREGULATION; PLANT RESPONSE; GROWTH.

422 PASANDARAN, E. [Economic politics of irrigation reformation: critical review of water resources legislation plan]. Politik ekonomi reformasi irigasi: tinjauan kritis terhadap RUU Sumberdaya Air/Pasandaran, E. (Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia)). Analisis Kebijakan Pertanian (Indonesia). ISSN 1693-2021 (2003) v. 1(4) p. 281-296 5 ill., 11 ref.

IRRIGATION; ECONOMICS; WATER RESOURCES; WATER RIGHTS.

123 SAMPELILING, S. [Characteristic of water debit and its effect on production and productivity of irrigated rice: case in Saddang coastal area]. Karakteristik debit air serta pengaruhnya terhadap produksi dan produktivitas usahatani padi sawah: kasus wilayah Pesisir DAS Saddang/Sampeliling, S.; Suwandi; Lestari, I.P.; Wijayanti, H. (Balai Pengkajian Teknologi Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 157-168 5 ill., 1 table; 11 ref.
Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; FARMING SYSTEMS; IRRIGATED LAND; INTERTIDAL ENVIRONMENT; SOCIOECONOMIC ENVIRONMENT; WATER LEVELS.

F07 SOIL CULTIVATION / PENG-OLAHAN TANAH

424 RATMINI, N.P.S. [Study of soil tillage time and varieties on actual acid sulphate soils in Karang Agung Ulu South Sumatra]. Kajian penerapan waktu pengolahan tanah dan varietas pada lahan sulfat masam aktual di Karang Agung Ulu/Ratmini, N.P.S. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)); Mansyur D.. [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 443-449 6 tables; 10 ref.
Call.Number: 631.17.001.57/SEM/p

ORYZA SATIVA; ACID SULPHATE SOILS; CULTIVATION; VARIETIES; TILLAGE; TIME; SUMATRA.

125 RUIJTER, J. [Mulches: effective method for soil conservation]. Mulsa : cara mudah untuk konservasi tanah/Ruijter, J.; Agus, F. (s.l): World Agroforestry Centre, 2004: 2 p.

MULCHES; SOIL CONSERVATION; APPLICATION METHODS.

426 SIMATUPANG, R.S. [Land preparation and rice straw management for rice in acid sulphate tidal land]. Penyiapan lahan dan pengelolaan jerami padi untuk tanaman padi di lahan pasang surut sulfat masam/Simatupang, R.S.; Indrayati, L. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 133-146 4 tables; 18 ref.
Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; TILLAGE; RICE STRAW; SWAMP SOILS; TIDES; ACID

SULPHATE SOILS; SOIL
CHEMICOPHYSICAL PROPERTIES;
GROWTH; YIELD COMPONENTS.

**F08 CROPPING PATTERNS AND
SYSTEMS/POLA TANAM DAN
SISTEM PERTANAMAN**

427 ENDRIZAL. [Performance of food crops farming system on tidal land in Jambi Province]. Keragaan usahatani tanaman pangan pada lahan pasang surut di Propinsi Jambi/Endrizal; Firdaus; Adri; Prayudi, B. (Balai Pengkajian Teknologi Pertanian Jambi (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amyalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 356-363 3 tables; 8 .ref.

Call.Number: 631.17.001.57/SEM/p

FOOD CROPS; FARMING SYSTEMS;
TECHNOLOGY TRANSFER;
INNOVATION ADOPTION; COST
BENEFIT ANALYSIS; YIELDS; TIDES;
SUMATRA.

428 EKASARI, I. [Selected timber crops which were suitable cultivate in irrigated land]. Pilihan tanaman kayu yang dapat ditanam di lahan persawahan/Ekasari, I. (Agroforestry Tree Specialist, ICRAF, Bandar Lampung (Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 20-22 3 ill., 1 ref.

WOODY PLANTS,LOWLAND;
ECONOMIC VALUE.

429 BALAI PENGAJIAN TEKNOLOGI
PERTANIAN YOGYAKARTA [Cropping
pattern technology of potatoes, sweet corn and
bunching union in medium land of
Yogyakarta Special Province]. Teknologi pola
tanam kentang, jagung manis dan bawang
daun di dataran medium Daerah Istimewa
Yogyakarta/Balai Pengkajian Teknologi
Pertanian Yogyakarta (Indonesia).
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in Yogyakarta Special Province].
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Call.Number: 631.17(594.57)/KOM/r

SOLANUM TUBEROSUM; ZEA MAYS;
SWEET CORN; JAPANESE BUNCHING
ONIONS; ALLIUM FISTULOSUM; CROP
MANAGEMENT; INTERCROPPING;
LAND PRODUCTIVITY; VOLCANIC
SOILS; TECHNOLOGY TRANSFER;
ECONOMIC ANALYSIS; JAVA.

430 BALAI PENGAJIAN TEKNOLOGI
PERTANIAN YOGYAKARTA [Cultivation
of shallot and chilli in Yogyakarta (Indonesia)
coastal land by using clay ameliorant and
organic fertilizer]. Budidaya tanaman bawang
merah dan cabai merah di lahan pasir pantai
selatan Daerah Istimewa Yogyakarta
menggunakan bahan amelioran tanah liat dan
pupuk organik/Balai Pengkajian Teknologi
Pertanian Yogyakarta (Indonesia).
[Recommendation of agricultural technology
in Yogyakarta Special Province (Indonesia)].
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Daerah Istimewa Yogyakarta tahun
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Suharno (eds.) Balai Pengkajian Teknologi
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(2004) (no. 2) p. 24-35 4 tables; 7 ref.
Call.Number: 631.17(594.57)/KOM/r

ALLIUM ASCALONICUM; CAPSICUM
ANNUUM; INTERCROPPING; LAND USE;
SOIL IMPROVEMENT; PEAT SOILS;
ORGANIC FERTILIZERS; SPODOPTERA
LITURA; GLOMERELLA CINGULATA;
EMPOASCA; SANDY SOILS; COST
BENEFIT ANALYSIS.

431 BALAI PENGAJIAN TEKNOLOGI
PERTANIAN YOGYAKARTA [Technology
of integrated rice-cattle farming system
supporting organic agriculture]. Teknologi
integrasi usahatani padi-sapi potong dalam
pemanfaatan pupuk organik untuk mendukung
pertanian organik/Balai Pengkajian Teknologi
Pertanian Yogyakarta (Indonesia)
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ORYZA SATIVA; BEEF CATTLE; AGROPASTORAL SYSTEMS; ORGANIC FERTILIZERS; MULTIPLE USE; FARMYARD MANURE; SOIL FERTILITY; ORGANIC AGRICULTURE; TECHNOLOGY TRANSFER.

432 HIPI, A. [Application of rotational cropping pattern to improve planting intensity in dryland of West Nusa Tenggara]. Peningkatan intensitas tanam dengan penerapan pola tanam tumpang gilir di lahan kering NTB/Hipi, A.; Ratna, B.T.; Zairin, M.; Basuki, I.; Sembiring, H. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian : teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 169-174 5 tables; 12 ref. Call.Number: 631.17(594)/SEM/t

ZEA MAYS; MUNG BEANS; ROTATIONAL CROPPING; DRY FARMING; COST BENEFIT ANALYSIS.

433 SIAGIAN, N. [Growth performance of some recommended rubber clones at high population planning system and different fertilizer dosages]. Keragaan pertumbuhan beberapa klon anjuran pada sistem tanam populasi tinggi dan berbagai dosis pupuk/Siagian, N.; Suhendry, I.; Munthe, H. (Pusat Penelitian Karet, Medan (Indonesia)). [Compilation papers of national workshop on rubber plant breeding of 2005]. Kumpulan makalah lokakarya nasional pemuliaan tanaman karet 2005/Balai Penelitian Sungai Putih, Medan (Indonesia). Medan : Balai Penelitian Sungai Putih, 2005: p. 162-179 11 ill., 15 ref. Appendices

HEVEA BRASILIENSIS; CLONAL VARIATION; CROPPING SYSTEMS; PLANT POPULATION; SPACING; FERTILIZER APPLICATION; DOSAGE EFFECTS; CROP PERFORMANCE; GROWTH RINGS; VOLUME TABLES.

434 SOELAIMAN, Y. [Performance technology package of rice-maize farming systems on tidal land of Karang Agung Ilir South Sumatra]. Keragaan paket teknologi usahatani jagung-padi di lahan pasang surut Karang Agung Ilir Sumatera Selatan/Soelaiman, Y. (Balai Penelitian Tanah, Bogor (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 318-326 3 tables; 6 ref. Call.Number: 631.17.001.57/SEM/p

ORYZA SATIVA; ZEA MAYS; TECHNOLOGY TRANSFER; FARMING SYSTEMS; PRODUCTIVITY; ECONOMIC ANALYSIS; SUMATRA.

435 SUDARTO. [Yield capacity of some Sesamum indicum L varieties on intercropping pattern]. Daya hasil beberapa varietas wijen pada pola tumpangsari/Sudarto; Sembiring, H.; Kumoro, K. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 226-229 1 table; 8 ref. Call.Number: 631.17(594)/SEM/t

SESAMUM INDICUM; VARIETIES; INTERCROPPING; YIELDS.

436 ZAIRIN, M. [Evaluation of cropping pattern in dryland of East Lombok]. Evaluasi pola tanam pada lahan kering di Lombok Timur/Zairin, M.; Kumoro, K.; Hipi, A. (Balai Pengkajian Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian : teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah /Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 175-179 4 tables; 9 ref. Call.Number: 631.17(594)/SEM/t

ZEA MAYS; MANIHOT ESCULENTA; VIGNA RADIATA RADIATA; CROPPING SYSTEMS; SPACING; FERTILIZER APPLICATION; APPLICATION RATES; NUSA TENGGARA.

437 ZAKIAH. [Identification on constraints of rice, duck and fish farming system on lowland of Pemulutan, South Sumatra]. Identifikasi masalah usahatani padi, itik dan ikan di lahan lebak Kecamatan Pemulutan Sumatera Selatan/Zakiah; Hutapea, Y.; Yustisia; Arief, T.; Waluyo; Harnisah; Pramudyati, S. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 307-317 5 tables; 5 ref. Call.Number: 631.17.001.57/SEM/p

ORYZA SATIVA; DUCKS; FISHES; AGROPISCICULTURE; FLOODED LAND; PRODUCTIVITY; INPUT OUTPUT ANALYSIS; SUMATRA.

438 ZAKIAH. [Opportunity on farmer income increase through land use on second dry season by planting catch crops and horticulture on lowland of Pamulutan Districts, Ogan Ilir, South Sumatra]. Peluang

peningkatan pendapatan petani melalui pemanfaatan lahan pada MK II dengan penanaman palawija dan hortikultura di lahan lebak Kecamatan Pemulutan Kabupaten Ogan Ilir Sumatera Selatan/Zakiah; Hutapea, Y.; Yustisia; Arief, T.; Waluyo (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi . Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 349-355 3 tables; 5 ref. Call.Number: 631.17.001.57/SEM/p

CATCH CROPS; VEGETABLE CROPS; FARMERS; FARM INCOME; COST BENEFIT ANALYSIS; RAPID RURAL APPRAISAL; PEAT SOILS; SUMATRA.

F30 PLANT GENETICS AND BREEDING / GENETIKA DAN PEMULIAAN TANAMAN

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HEVEA BRASILIENSIS; CLONES;
SELECTION; HYBRIDS; GENETIC
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DISEASE RESISTANCE; VARIETY
TRIALS; GROWTH; NUSA TENGGARA.

471 ZAKIAH. [Adaptation trial on soybean varieties in tidal swamp potential land of Karang Agung Ulu, South Sumatra]. Uji adaptasi varietas kedelai di lahan potensial rawa pasang surut Karang Agung Ulu Sumatera Selatan/Zakiah; Asim; Marpaung, I. (Balai Pengkajian teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 332-338 6 tables; 11 ref.

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GLYCINE MAX; VARIETIES; SWAMPS;
AGRONOMIC CHARACTERS; YIELDS;
SUMATRA.

F60 WEEDS AND WEED CONTROL / GULMA DAN PENGENDALIANNYA

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(Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 28-29 3 ill., 1 ref.

MELALEUCA; INSECTA;
ATTRACTANTS; BACTROCERA
DORSALIS; APPLICATION METHODS.

F70 PLANT TAXONOMY AND GEOGRAPHY / TAKSONOMI TANAMAN DAN SEBARAN GEOGRAFIS

473 PRAYITNO, M.B. [Development potency of swamp indigenous plants based on land hydro geomorphology study in Air Sugihan Kanan, South Sumatra]. Potensi pengembangan tanaman asli rawa berdasarkan studi hidro - geomorfologi lahan Air Sugihan Kanan, Sumatera Selatan/Prayitno, M.B.; Susanto, R.H. (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian); Syahrial. [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 184-198 2 ill., 6 tables; 12 ref.
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SUMATRA; PEAT SOILS;
PRODUCTIVITY; CROPS; SOIL
CHEMICOPHYSICAL PROPERTIES;
HIDROLOGY; GEOMORPHOLOGY;
VEGETATION.

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GARCINIA MANGOSTANA; LAND SUITABILITY; NUSA TENGGARA.

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

475 AZWAR, R. [Plant variety protection and its application on plantations]. Perlindungan varietas tanaman dan penerapannya untuk perkebunan/Azwar, R. (Lembaga Riset Perkebunan, Bogor (Indonesia)). [Compilation papers of national workshop on rubber plant breeding of 2005]. Kumpulan makalah lokakarya nasional pemuliaan tanaman karet 2005/Balai Penelitian Sungai Putih, Medan (Indonesia). Medan : Balai Penelitian Sungai Putih, 2005: p. 1-9 1 ill., 1 table; 4 ref.

CROPS; VARIETIES; PLANT PROTECTION; LEGISLATION; LEGAL RIGHTS; BREEDERS RIGHTS; SEED INDUSTRY; HYBRIDS; HIGH YIELDING VARIETIES; GENETIC RESOURCES; SUSTAINABILITY.

H10 PESTS OF PLANTS / HAMA TANAMAN

476 RAHMA. [Use of *Dioscorea hispida* for botanical pesticide]. Gadung, pestisida nabati yang aman dan murah/Rahma (Yayasan Sambirio, Mataram (Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 23 2 ill

DIOSCOREA HISPIDA; BIOPESTICIDES; BOTANICAL PESTICIDES; PROCESSING.

477 BALAI PENELITIAN TANAMAN PADI. [Control technique of brown planthopper (*Nilaparvata lugens*)]. Teknologi pengendalian wereng cokelat/Balai Penelitian Tanaman Padi, Sukamandi (Indonesia). Sukamandi: Balitpa, 2005: 2 p.

ORYZA SATIVA; NILAPARVATA LUGENS; METARHIZIUM ANISOPLIAE; INSECT CONTROL; BIOLOGICAL CONTROL; INSECTICIDES.

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LYCOPERSICON ESCULENTUM;
MELOIDOGYNE INCOGNITA; INDUCED
RESISTANCE; CHITOSAN; SYSTEMIC
ACTION; PLANT NEMATODES; FOLIAR
APPLICATION; SOIL TREATMENT.

479 PONIMAN. [Some alternatives of *Etiella zinckenella* control for decreasing insecticide application on yard long bean]. Beberapa alternatif pengendalian penggerek polong (*Etiella zinckenella*) sebagai upaya mengurangi penggunaan insektisida pada kacang panjang/Poniman; Harsanti, E.S.; Jatmiko, S.Y. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 335-346 2 tables; 9 ref. Appendices
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ZINCKENELLA; CHEMICAL CONTROL;
PEST CONTROL; PHYSICAL CONTROL;
YIELD INCREASES.

480 SUPRIADI. [Pest and disease attack of galingale (*Kaempferia galanga*): Waspada terhadap serangan beberapa OPT pada tanaman kencur/Supriadi; Rostiana, O. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 14-16

KAEMPFERIA; CULTIVATION; PESTS OF
PLANTS; DISEASE CONTROL.

481 THAMRIN, M. [Strategy of rice stem borer insect control without synthetic insecticide in tidal land]. Strategi pengendalian hama penggerek batang padi tanpa insektisida sintetik di lahan pasang surut/Thamrin, M.; Asikin, S. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor: Puslitbangtanak, 2005: p. 251-260 1 ill., 3 tables; 15 ref.
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ORYZA SATIVA; STEM EATING
INSECTS; SWAMP SOILS; ELEOCHARIS;
BOTANICAL INSECTICIDES; NITROGEN
FERTILIZERS; INSECT CONTROL;
IMAGO; LARVA; LEAVES; CUTTING.

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THEOBROMA CACAO;
CONOPOMORPHA CRAMERELLA;
BEAUVERIA BASSIANA; PEST
CONTROL; BIOLOGICAL CONTROL.

H20 PLANT DISEASES / PENYAKIT TANAMAN

483 ASRUL. [Effect of tomato seed treatment by using *Pseudomonas putida* to control bacterial wilt disease (*Ralstonia solanacearum*)]. Pengaruh perlakuan benih tomat dengan *Pseudomonas putida* terhadap penyakit layu bakteri (*Ralstonia solanacearum*)/Asrul (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional

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LYCOPERSICON ESCULENTUM; SEED PELLETING; PSEUDOMONAS PUTIDA; MICROBIAL PESTICIDES; PSEUDOMONAS SOLANACEARUM; SOILBORNE ORGANISMS; DISEASE CONTROL; DISEASE RESISTANCE; SEED CHARACTERISTICS; VIGOUR; VIABILITY; GROWTH.

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EUCALYPTUS; ACACIA MANGIUM; FOREST PATHOLOGY; CRYPHONECTRIA; MYCOSPHAERELLA; BREEDING METHODS; GENETIC RESISTANCE; DISEASE RESISTANCE; FOREST PLANTATIONS; INDONESIA.

485 DARYANTO. [Policies of horticultural disease control in Indonesia]. Kebijakan pengendalian penyakit hortikultura di Indonesia/Daryanto (Direktorat Jenderal Bina Produksi Hortikultura, Jakarta (Indonesia)). [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional Perhimpunan Fitopatologi Indonesia/Suhardi; Wulandari, A.W.; Haerul, A.H. (eds.) Perhimpunan Fitopatologi Indonesia, Bandung (Indonesia). Bandung: Perhimpunan Fitopatologi Indonesia, 2004: p. 23-28 1 table

HORTICULTURE; DISEASE CONTROL; POLICIES; STATE INTERVENTION; INTEGRATED CONTROL; FARMERS ASSOCIATIONS; INDONESIA.

486 HADAD, E.A. [Infestation of brown root fungi disease caused by *Phellinus noxius* on cashew plants in Dompu, West Nusa Tenggara]. Serangan penyakit jamur akar cokelat pada tanaman jambu mente di Dompu, Nusa Tenggara Barat/Hadad, E.A.; Supriadi (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 8-10 2 tables

ANACARDIUM OCCIDENTALE; PHELLINUS; PRODUCTION; DISEASES CONTROL; CONTROL METHODS; NUSA TENGGARA.

487 HANUDIN. [Use of antagonistic microbia as biological control agents]. Mikroba antagonis sebagai agen hayati pengendali penyakit tanaman/Hanudin; Sutarya, E.; Mihardja, S.; Sanusie, I. (Balai Penelitian Tanaman Hias, Segunung, Cianjur (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2004) v. 26(2) p. 6-7 2 ill.

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COCONUTS; DISEASE CONTROL; THERAPY; NUTRITIVE VALUE; CARDIOVASCULAR DISEASES.

489 MUSLIM, A. Suppression of *Fusarium* crown and root of tomato and pathogen proliferation by hipovirulent binucleate *Rhizoctonia* in hydroponic system/Muslim, A. (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian); Horinouchi, H.; Hyakumachi, M. [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah

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LYCOPERSICON ESCULENTUM;
FUSARIUM OXYSPOURUM; ROOT ROTS;
RHIZOCTONIA; MICROBIAL
PESTICIDES; HYPOVIRULENT
PATHOGENS; BIOLOGICAL CONTROL
AGENTS; PLANT EXTRACTS;
HYDROPONICS.

490 NURDIN, F. [Infestation of citrus greening in West Sumatra and its vector Bioecology and control]. Penyakit CVPD pada tanaman jeruk di Sumatera Barat serta Bioekologi dan pengendalian vektornya/Nurdin, F. (Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia)). Jurnal Ilmiah Tambua (Indonesia). ISSN 1412-5838 (2005) v. 4(2) p. 134-140 3 tables; 14 ref.

CITRUS PLANT; VIRUSES; VECTORS;
CONTROL METHODS; GREENING;
INSECTICIDES; SUMATRA.

491 NURHAYATI, E. Incidence of banana bunchy top disease in West Java/Nurhayati, E. (Institut Pertanian Bogor (Indonesia). Fakultas Pertanian). [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional Perhimpunan Fitopatologi Indonesia/Suhardi; Wulandari, A.W.; Haerul, A.H. (eds.) Perhimpunan Fitopatologi Indonesia, Bandung (Indonesia). Bandung: Perhimpunan Fitopatologi Indonesia, 2004: p. 316-318 1 ill., 2 tables; 5 ref.

MUSA; BANANA BUNCHY TOP VIRUS;
VIROSES; VARIETIES; DISEASE
RESISTANCE; MORBIDITY; DISEASE
TRANSMISSION; GEOGRAPHICAL
DISTRIBUTION; JAVA.

492 NURWATI, A. [Eradication of infected banana in West Lombok]. Eradikasi tanaman pisang yang terinfeksi penyakit darah di Lombok Barat/Nurwati, A. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based

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MUSA PARADISIACA; PSEUDOMONAS SOLANACEARUM; INFECTION; NUSA TENGGARA.

493 POROMARTO, S.H. [Application of Rhizoctonia binucleate released on sterilized compost to control Fusarium wilt on tomato]. Penggunaan kompos yang diperkaya Rhizoctonia binucleate sebagai agen pengendalian hayati penyakit layu Fusarium pada tomat/Poromarto, S.H.; Sulistijo, T.J.; Nuryani, S. (Universitas Sebelas Maret, Surakarta (Indonesia). Fakultas Pertanian). [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional Perhimpunan Fitopatologi Indonesia/Suhardi; Wulandari, A.W.; Haerul, A.H. (eds.) Perhimpunan Fitopatologi Indonesia (Indonesia). Bandung : Perhimpunan Fitopatologi Indonesia, 2004: p. 87-90 2 tables; 8 ref.

LYCOPERSICON ESCULENTUM;
FUSARIUM OXYSPOURUM; BIOLOGICAL
CONTROL AGENTS; COMPOSTS;
RHIZOCTONIA; INOCULATION;
GROWTH; YIELDS.

494 PRAYUDI, B. [Application dosage of *Trichoderma harzianum* formulation South Kalimantan isolate on controlling *Rhizoctonia solani* of maize in swamp land]. Dosis aplikasi formulasi *Trichoderma harzianum* isolat Kalimantan Selatan dalam pengendalian penyakit hawar pelepah daun jagung (*Rhizoctonia solani*) di lahan rawa/Prayudi, B. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)); Budiman, A.; Susanti, M.A. . [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi

pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor: Puslitbangtanak, 2005: p. 267-276 3 tables; 13 ref.
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ZEA MAYS; RHIZOCTONIA SOLANI; BIOLOGICAL CONTROL; TRICHODERMA HARZIANUM; FORMULATIONS; APPLICATION RATES; SWAMP SOILS.

495 PRIYATMOJO, A. Comparison of whole-cell fatty acid composition amongst four subgroups of *Rhizoctonia solani* anastomosis group 1 (AG 1)/Priyatmojo, A. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian); Hyakumachi, M. [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional Perhimpunan Fitopatologi Indonesia/Suhardi; Wulandari, A.W.; Haerul, A.H. (eds.) Perhimpunan Fitopatologi Indonesia, Bandung (Indonesia). Bandung : Perhimpunan Fitopatologi Indonesia, 2004: p. 408-414 2 ill., 1 table; 17 ref.

RHIZOCTONIA SOLANI; ISOLATION TECHNIQUES; GAS CHROMATOGRAPHY; FATTY ACIDS; PALMITIC ACID; OLEIC ACID; LINOLEIC ACID.

496 SUBAGIO, B. [Study of antifeedant insecticides application and tungro disease control on rice var. IR64 at wet and dry seasons]. Kajian aplikasi insektisida antifeedant dan pengendalian virus tungro pada tanaman padi IR 64 musim hujan dan musim kemarau /Subagio, B. (Balai Proteksi Tanaman Pangan dan Hortikultura, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development :Agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial

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ORYZA SATIVA; VARIETIES; TUNGRO DISEASE; DISEASE CONTROL; PESTICIDES; DRY SEASON; WET SEASON.

497 SULISTIAWATI, E. [White louse infection on smallholder cotton plants in Lamongan]. Serangan hama kutu putih (*Bemisia tabaci*), pada pertanaman kapas rakyat di Lamongan/Sulistiawati, E. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 10-11 2 tables

GOSSYPIUM; BEMISIA TABACI; LAND PRODUCTIVITY; DISEASE CONTROL.

498 SURYANI, L. [Effect of *Pseudomonas fluorescens* Pf B1 isolate on the spore germination of *Fusarium oxysporum* f.sp cubense and wilt disease growth]. Daya hambat *Pseudomonas fluorescens* isolat Pf B1 terhadap perkecambahan spora *Fusarium oxysporum* f.sp cubense dan perkembangan penyakit layu/Suryani, L. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). [Proceedings of the seventeenth congress and national seminar of Indonesian Phytopathology Association]. Prosiding kongres ke 17 dan seminar ilmiah nasional Perhimpunan Fitopatologi Indonesia/Suhardi; Wulandari, A.W.; Haerul, A.H. (eds.) Perhimpunan Fitopatologi Indonesia (Indonesia). Bandung : Perhimpunan Fitopatologi Indonesia, 2004: p. 119-122 3 tables; 6 ref.

MUSA ACUMINATA; PSEUDOMONAS FLUORESCENS; BIOLOGICAL CONTROL AGENTS; GERMINATION; SPORES; FUSARIUM OXYSPORUM; ISOLATION TECHNIQUES.

499 SURYANTI. [Control of root rot disease of tea plant by using *Trichoderma* spp.]. Pengendalian penyakit akar merah anggur pada teh dengan *Trichoderma* spp./Suryanti; Martoredjo, T.; Tjokrosoedarmo, A.; Sulistyaningsih, E. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas

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CAMELLIA SINENSIS; GANODERMA; ROOT ROTTS; BIOLOGICAL CONTROL AGENTS; TRICHODERMA; ISOLATION TECHNIQUES; ANTAGONISM; DISEASE TRANSMISSION.

500 SUSANTI, M.A. [Domination of tungro disease vector in South Kalimantan swamp land]. Dominasi vektor penyakit tungro di lahan rawa Kalimantan Selatan/Susanti, M.A. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 193-204 4 ill., 14 ref.

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ORYZA SATIVA; SWAMP SOILS; TUNGRO DISEASE; VECTORS; NEPHOTETTIX VIRESCENS; NEPHOTETTIX NIGROPICTUS; INTERTIDAL ENVIRONMENT; VARIETIES; CLIMATIC FACTORS; KALIMANTAN.

H60 WEEDS AND WEED CONTROL / GULMA DAN PENGENDALIANNYA

501 RAHAYU. [Effect of paraquat herbicide, NPK fertilizer, and liming on the change of porosity and ash content in peat soil in Central Kalimantan]. Pengaruh pemberian herbisida paraquat, pemupukan NPK dan kapur terhadap pengembangan porositas, kandungan abu di tanah gambut Kalimantan Tengah/ahayu; Sunarminto; Martani; Supriyadi (Universitas Gadjah Mada, Yogyakarta (Indonesia)). [Proceedings of the national

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KALIMANTAN; PEATLANDS; PARAQUAT; HERBICIDES; NPK FERTILIZERS; LIMING; SUPERPHOSPHATE; APPLICATION RATES; ASH CONTENT; PERMEABILITY.

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

502 ELISABETH, D.A.A. [Postharvest technology of cocoa beans]. Pasca panen kakao/Elisabeth, D.A.A. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 9-11 7 ref.

THEOBROMA CACAO; COCOA BEANS; PROCESSING; FERMENTATION; CHOCOLATE; COCOA BUTTER; PROCESSED PLANT PRODUCTS.

503 SUTAMI. [Postharvest technology and input-output analysis of tomato processing]. Pascapanen dan analisis usaha pengolahan tomat/Sutami; Widya (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 28-29 2 tables; 2 ref.

TOMATOES; POSTHARVEST TECHNOLOGY; PROCESSING; FRUITS PRODUCTS; JAMS; NUTRITIVE VALUE; ECONOMIC ANALYSIS.

504 SUTRISNO. [Drying of rice var. fatmawati]. Pengeringan padi varietas unggul tipe baru (VUTB) fatmawati/Sutrisno (Balai Penelitian padi, Sukamandi (Indonesia)).

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Call.Number: 631.171/SEM/m

RICE; VARIETIES; DRYING; DRYERS; HUSKING; MOISTURE CONTENT; QUALITY.

505 TRISNAWATI, W. [Handling of fruits for keeping quality and reducing fruit shrink]. Penanganan buah-buahan untuk mempertahankan mutu dan mengurangi susut/Trisnawati, W. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 4-5 7 ref.

FRUITS; POSTHARVEST TECHNOLOGY; HANDLING; QUALITY.

506 WIDYOTOMO, S. [Introducing cocoa beans processing technology]. Mengenal lebih dalam teknologi pengolahan biji kakao/Widyotomo, S.; Mulato, S.; Handaka (Pusat Penelitian Kopi dan Kakao, Jember (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2004) v. 26(2) p. 5-6 4 ill.

COCOA BEANS; PROCESSING; POSTHARVEST TECHNOLOGY; FERMENTATION; DRYING; GRADING.

K01 FORESTRY - GENERAL ASPECT/KEHUTANAN-ASPEK-UMUM

507 LEKSONO, B. Toona sureni MERR. Suren/Leksono, B (Pusat Penelitian dan Pengembangan Bioteknologi dan Pemuliaan Tanaman Hutan, Yogyakarta (Indonesia)). Yogyakarta : Puslitbang Bioteknologi dan Pemuliaan Tanaman Hutan, 2004: 2 p.

MELIACEAE; HYPSPYLA; FUSARIUM; GROWTH; FLOWERING; FRUITING; PEST CONTROL; DISEASE CONTROL.

508 RUIJTER, J. [Sandal wood (*Santalum album* L.)]. Cendana (*Santalum album* L.)/Ruijter, J.; Rahayu, S. World Agroforestry Centre. (s.l): World Agroforestry Centre, 2004: 2 p.

SANTALUM ALBUM; AGROFORESTRY; LAND SUITABILITY; SEED; REGULATIONS.

K10 FORESTRY PRODUCTION / PRODUKSI KEHUTANAN

509 OMON, R.M. Effects of sterilization on *Shorea leprosula* Miq. and *Octomeles sumatrana* Miq. exsplan through tissue culture techniques in Laboratorium at Wanariset Samboja, East Kalimantan . Pengaruh sterilisasi bahan tanaman (eksplan) *Shorea leprosula* Miq. melalui teknik pembiakan kultur jaringan di laboratorium Wanariset Samboja Kalimantan Timur/Omon, R.M. (Balai Penelitian dan Pengembangan Kehutanan Kalimantan, Samarinda (Indonesia)). Buletin Penelitian Kehutanan (Indonesia). ISSN 1410-1025 (2003) v. 16(2) p. 43-51 3 ill., 11 ref.

SHOREA; EXPLANTS; STERILIZATION; TISSUE CULTURE; CALLUS; SODIUM; MERISTEM CULTURE; SOAKING; KALIMANTAN.

510 PUSAT PENELITIAN DAN PENGEMBANGAN BIOTEKNOLOGI DAN PEMULIAAN TANAMAN HUTAN. [*Alstonia scholaris*]. Pulau (*Alstonia scholaris* (L.) R.Br.)/ Pusat Penelitian dan Pengembangan Bioteknologi dan Pemuliaan Tanaman Hutan, Yogyakarta (Indonesia)). Yogyakarta : Puslitbang Bioteknologi dan Pemuliaan Tanaman Hutan, 2004: 2 p.

ALSTONIA; GROWTH; CULTIVATION; FLOWERING; FRUITING.

211 SUSANTY, F.H. Analysis of volume prediction models and tree volume table of Bangkirai (*Shorea laevis*). Analisis model pendugaan volume dan tabel volume pohon jenis bangkirai (*Shorea laevis*)/Susanty, F.H.; Suyana, A.; Suryadi, R.; Supianto (Balai Penelitian dan Pengembangan Kehutanan Kalimantan, Samarinda (Indonesia)). Buletin Penelitian Kehutanan (Indonesia). ISSN 1410-1025 (2003) v. 16(2) p. 23-41 4 ill., 5 tables; 8 ref.

SHOREA LAEVIS; VOLUME TABLES; DIAMETER; FOREST STANDS; FOREST MENSURATION; MODELS.

**L01 ANIMAL HUSBANDRY /
PETERNAKAN**

512 GUNAWAN, I. [Rearing of honey bee in fruit gardens and forest areas]. Beternak lebah madu di kebun buah dan kawasan hutan/Gunawan, I. (Pusat Perlebahan (Apiari) Pramuka, Jakarta (Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 30-31 4 ill.

HONEY BEES; APICULTURE; FRUIT TREES; FOREST TREES.

213 GINTING, S. [Rearing technique of sheep]. Teknik budidaya domba/Ginting, S.; Batubara, L.P.; Romjali, E.; Ginting, S.P.; Doloksaribu, M.; Haloho, L.(eds.) Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia). Medan : BPTP Sumatera Utara, 2001: 22 p.

SHEEP; REARING TECHNIQUES; FEEDS; ANIMAL HOUSING; DISEASE CONTROL.

514 MASHUR. [Collective stable management supporting livestock integratie on irrigated land]. Manajemen kandang kolektif untuk menunjang integrasi ternak pada sawah irigasi/Mashur; Muzani, A.; Sauki (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 282-287 5 ref. Call.Number: 631.17(594)/SEM/t

LIVESTOCK; STABLES; IRRIGATED LAND; COMPOSTING.

515 PADMO, S. [Effort of native chicken agribusiness]. Mari usaha agribisnis ayam

buras/Padmo, S.. Agro Humaniora (Indonesia). ISSN 1693-5837 (2004) v. 2(6) p. 24-25 2 tables

CHICKENS; AGROINDUSTRIAL SECTOR; WEIGHT GAIN; EGG PRODUCTION.

**L02 ANIMAL FEEDING / PAKAN
HEWAN**

516 THIJSSSEN, R. [Potential of *Aleurites moluccana* and *Croton megalocarpus* for chickens feed]. Kemiri dan mukinduri untuk unggas: kearifan lokal yang tersembunyi/Thijssen, R. (Penasehat Pertanian Berkelanjutan VECO (Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 26-27 2 ill., 3 ref.

ALEURITES MOLUCCANA; CROTON; ANIMAL FEEDING; CHICKENS.

517 BALAI PENGKAJIAN TEKNOLOGI PERTANIAN YOGYAKARTA. [Application technology of dried cassava and other local feed as beef cattle concentrate diet]. Teknologi pemanfaatan gaplek dan sumber pakan local lain sebagai pakan sapi potong dalam bentuk pakan konsentrat/Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia). [Recommendation of agricultural technology in Yogyakarta Special Province (Indonesia)]. Rekomendasi teknologi pertanian Propinsi Daerah Istimewa Yogyakarta tahun 2004/Setyono, B.; Harwono, R.; Subagiyo; Suharno (eds.) Balai Pengkajian Teknologi Pertanian, Yogyakarta (Indonesia). Yogyakarta: BPTP Yogyakarta, 2004: Monograf BPTP Yogyakarta (Indonesia). (2004) (no. 2) p. 58-63 1 ill., 2 tables; 7 ref. Call.Number: 631.17(594.57)/KOM/r

BEEF CATTLE; FEEDS; CASSAVA; DRIED PRODUCTS; PROCESSING; CONCENTRATES; AGRICULTURAL WASTES; PROXIMATE COMPOSITION; FATTENING; TECHNOLOGY TRANSFER; WEIGHT GAIN.

518 DIWYANTO, K. [Forage management in West Nusa Tenggara agroecosystem]. Penyediaan pakan hijauan sesuai zona agroekosistem di propinsi NTB/Diwyanto, K.; Mathius, I W. (Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia)). [Proceedings of the national seminar on agricultural technology

development :Agricultural technology based of local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian:Teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 18-26 4 tables; 18 ref.
Call.Number: 631.17(594)/SEM/t

BEEF CATTLE; GREEN FEED; FORAGE; AGROECOSYSTEMS; ENVIRONMENT; NUSA TENGGARA.

519 ISTINI, S. [Effect of bacteria producing fibre in functional feed formula on mice which fed by high cholesterol diet]. Pengaruh pemberian serat yang diproduksi oleh bakteri dalam formula makanan fungsional pada tikus yang diberi pakan tinggi kolesterol/Istini, S.; Laily, N.; Nurani, D.; Susanti, I. (Pusat Pengkajian dan Penerapan Teknologi Bioindustri, Jakarta (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar/Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 288-294 3 ill., 7 ref. Appendix
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RATS; LABORATORY ANIMALS; FEEDS; CHOLESTEROL; ACETOBACTER; FERMENTATION; WASTES; SOYFOODS; HEALTH FOODS.

520 LUBIS, D. [Use of molds (*Aspergillus oryzae*) for feed supplement on sheep]. Kapang AO, pakan imbuhan untuk domba/Lubis, D. (Balai Penelitian Ternak, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2004) v. 26(2)p. 18-19 1 ill., 1 table

SHEEP; ASPERGILLUS ORYZAE; MOULDS; FEEDS; SUPPLEMENTS.

521 MATHIUS, I W. [Banana stem feed additive for ruminant: nutrient content and its utilization prospect]. Pakan imbuhan batang pisang untuk ternak ruminansia: kandungan nutrien dan prospek pemanfaatannya/Mathius, I W.; Wina, E.; Yulistiani, D.; Pusatuti, W.; Supriyati, K. (Balai Penelitian Ternak, Bogor (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 275-281 5 tables; 17 ref.
Call.Number: 631.17 (594)/SEM/t

RUMINANTS; BANANAS; STEMS; FEED ADDITIVES; PROXIMATE COMPOSITION; USES.

522 MURDOLELONO, B. [Potencial and quality of food crops biomass for feeds in dryland farming system]. Potensi dan kualitas biomas tanaman pangan sebagai bahan pakan ternak dalam sistem usahatanai lahan kering/Murdolelono, B.; Meke, D.B. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). [Proceedings of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram: BPTP Nusa Tenggara Barat, 2001: p. 255-261 5 tables; 9 ref.
Call.Number: 631.17 (594)/SEM/t

ZEA MAYS; GLYCINE MAX; BIOMASS; FEEDS; QUALITY; DRY FARMING.

523 NURANI, D. [Effect of green tea formulations on the rabbit cholesterol content]. Pengaruh pemberian formulasi minuman teh hijau terhadap kadar kolesterol

pada kelinci yang diberi pakan tinggi kolesterol/Nurani, D.; Laily, N.; Susanti, I. (Pusat Pengkajian dan Penerapan Teknologi Bioindustri, Jakarta (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar/ Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 242-251 4 ill., 6 ref.
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RABBITS; TEA; BEVERAGES; DOSAGE; CHOLESTEROL; SPICES; HYPERLIPIDAEMIA; FEEDS; FORMULATIONS.

524 SUDARYANTO, B. [Utilization of agricultural wastes as ruminant feed: strategy and implementation]. Pemanfaatan limbah pertanian sebagai bahan pakan ternak ruminansia: strategi dan implementasi/ Sudaryanto, B Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia). Jakarta : Badan Litbang Pertanian, 2002: 61 p.

RUMINANTS; FEEDS; AGRICULTURAL WASTES; FEED INDUSTRY; QUALITY.

525 SUSANTI, I. [Effect of *Plantago ovata* fibre on mice which fed by high cholesterol diet]. Pengaruh pemberian serat *Plantago ovata* pada tikus yang diberi pakan tinggi kolesterol/Susanti, I.; Nurani, D.; Laily, N.; Istini, S. (Pusat Pengkajian dan Penerapan Teknologi Bioindustri, Jakarta (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar/Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 280-287 5 ill., 2 tables; 6 ref.
Call.Number: 641.1/SEM/p

RATS; LABORATORY ANIMALS; PLANTAGO OVATA; CHOLESTEROL; FEEDS.

40

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

526 SUMARDI. [Chance of vegetables and fruits market in Singapore]. Mengintip peluang pasar sayur-mayur dan buah-buahan di Singapura/Sumardi. Agro Humaniora (Indonesia). ISSN 1693-5837 (2004) v. 2(6) p. 23-24 1 ill.

VEGETABLES; FRUITS; MARKETING; IMPORTS; SINGAPORE.

L73 ANIMAL DISEASES/PENYAKIT HEWAN

527 DALDURI. [Danger of anthrax]. Waspadalah bahaya anthrak/Dalduri. Agro Humaniora (Indonesia). ISSN 1693-5837 (2004) v. 2(6) p. 2-3 1 ill.

ANTHRAX; BACILLUS ANTHRACIS; DISEASE CONTROL.

528 NIRWANSYAH. [Introducing avian influenza disease]. Mengenal flu burung/Nirwansyah; Bamualim, A.M Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia). Liptan BPTP Sumatera Barat (Indonesia). (2005) (no. 06) 2 p.

AVIAN INFLUENZA VIRUS; VIRUSES; ANIMAL DISEASES; DISEASE CONTROL.

M12 AQUACULTURE PRODUCTION/ PRODUKSI AKUAKULTUR

529 DANAKUSUMAH, E. [Rearing technique of *Epinephelus*]. Teknologi pengembangan ikan kerapu/Danakusumah, E.; Hamid, A.; Khadijah; Tampubolon, M.(eds.) Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia). Medan : BPTP Sumatera Utara, 2001: 26 p

EPINEPHELUS; FISH CULTURE; FISH LARVAE; FISH FARMS; TRANSPORTATION.

530 NAZAM, M. [Adaptation of *Cromileptes altivelis* culture on floating net cage in Teluk

Ekas, Batunampar villages, East Lombok]. Uji adaptasi pembesaran kerapu bebek dalam keramba jaring apung di Teluk Ekas, Desa Batunampar, Lombok Timur/Nazam, M.; Prisdininggo; Sembiring, H. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Barat, Mataram (Indonesia)). [Proceeding of the national seminar on agricultural technology development: agricultural technology based on local resources and environment friendly supporting regional autonomy]. Prosiding seminar nasional pengembangan teknologi pertanian: teknologi pertanian berbasis sumberdaya lokal dan ramah lingkungan dalam menunjang otonomi daerah/Adnyana, M.O.; Basuno, E.; Mashur; Parman (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Mataram : BPTP Nusa Tenggara Barat, 2001: p. 337-342 2 tables; 20 ref.

Call.Number: 631.17 (594)/SEM/t

GROUPERS; ADAPTATION; FISHING METHODS; CAGE CULTURE; ECONOMIC ANALYSIS; NUSA TENGGARA.

531 SARTINI. [Mollusca and it's economic value]. Moluska dan nilai ekonominya/Sartini; Saragih, M. (Universitas Medan Area, Medan (Indonesia). Fakultas Biologi). Jurnal Penelitian Bidang Ilmu Pertanian (Indonesia). ISSN 1693-7368 (2004) v. 2(2) p. 53-55 10 ref.

SNAILS; MOLLUSCA; AQUATIC ANIMALS; USES; ECONOMIC VALUE; NUTRITIVE VALUE; FATTY ACIDS; DRUGS.

532 SASA, J.J. [Fish stocking density on fish-rice-azolla and its relation with farm income and methane gas emission]. Padat penyebaran ikan pada minapadi-azolla dan hubungannya dengan pendapatan usahatani dan emisi gas metan/Sasa, J.J.; Wihardjaka, A.; Suharsih (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A.

(eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 463-476 1 ill., 4 tables; 6 ref. Appendices
Call.Number: 631.445.1/SEM/p/c1

CYPRINUS CARPIO; AGROPISCICULTURE; ORYZA SATIVA; AZOLLA; METHANE; POLLUTION; FARM INCOME; UREA; FERTILIZER APPLICATION; YIELDS.

M40 AQUATIC ECOLOGY / EKOLOGI AKUATIK

533 ARDIANSYAH. Modelling controlled filtration system in fish hatchery recirculating system. Pemodelan sistem filtrasi terkendali pada sistem resirkulasi pembenihan ikan/Ardiansyah (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana); Setiawan, B.I.; Subrata, I D.M.. Jurnal Keteknik Pertanian (Indonesia). ISSN 0216-3365 (2004) v. 18(3) p. 191-198 11 ill., 1 table; 5 ref.

PANGASIUS; ORNAMENTAL FISHES; FISH CULTURE; FILTERS; WATER CIRCULATION; PERMEABILITY; HYDRAULIC SYSTEMS.

N10 AGRICULTURAL STRUCTURE/ BANGUNAN PERTANIAN

534 RACHMAT, R. [Analysis of processing technology performance on modern rural rice barn]. Analisis kinerja teknologi proses pada lumbung desa modern/Rachmat, R.; Thahir, R.; Santosa, B.; Lubis, S.; Sudaryono; Nugraha, S.; Suismono (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.K.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang: Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 93-98 2 ill., 5 tables; 4 ref.
Call.Number: 631.171/SEM/m

RICE; DRYERS; CENTRALIZATION; STORAGE; POSTHARVEST TECHNOLOGY; PROCESSING; HUSKING; QUALITY.

N20 AGRICULTURAL MACHINERY AND EQUIPMENT / MESIN DAN PERALATAN PERTANIAN

535 AKBAR, A.R.M. Modelling of ergonomic factors on working productivity in primary tillage of paddy field. Permodelan faktor ergonomi terhadap produktivitas kerja pada pengolahan tanah pertama areal padi sawah/Akbar, A.R.M. (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana); Pramudya, B.; Herodian, S.; Astika, I W.. Jurnal Keteknikan Pertanian (Indonesia). ISSN 0216-3365 (2004) v. 18(3) p. 178-190 11 ill., 14 ref.

IRRIGATED RICE; TILLAGE; TRACTORS; ERGONOMICS; LABOUR PRODUCTIVITY; JAVA.

536 ASARI, A. [Engineering of plucking equipment and local transportation container to maintain mangosteen quality]. Rekayasa alat pemetik dan wadah transportasi lokal untuk mempertahankan mutu buah manggis/Asari, A.; Paramawati, R.; Wahyudi, S.T. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong - Tangerang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 69-76 4 ill., 5 ref.

Call.Number: 631.171/SEM/m

MANGOSTEEN; POSTHARVEST EQUIPMENT; DESIGN; QUALITY; CONTAINER TRANSPORT.

537 DIREKTORAT ALAT DAN MESIN. [Guideline for institution empowerment plantation equipments and machineries]. Pedoman pemberdayaan kelembagaan alat dan mesin perkebunan/Direktorat Alat dan Mesin, Jakarta (Indonesia). Jakarta : Direktorat Alat dan Mesin, 2002: 33 p.

Call.Number: 631.3/DIR/p

PLANTATIONS; DEVELOPMENT AGENCIES; PLANTING EQUIPMENT; PARTNERSHIPS.

538 ERNALIA, L.R. [Analysis of skilled manpower requirement to operate agricultural equipment and machine in Lamongan, Maros and Padang Pariaman]. Analisis kebutuhan tenaga terampil alat dan mesin pertanian : studi kasus di Kabupaten Lamongan, Maros dan Padang Pariaman/Ernalina, L.R. (Pusat Pengkajian Sumberdaya Manusia Pertanian, Jakarta (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia).. Seminar Nasional Mekanisasi Pertanian. (Bogor (Indonesia):5 Aug 2004) Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 163-172 12 tables

Call.Number: 631.171/SEM/m

INDONESIA; FARM EQUIPMENT; MECHANIZATION; MANPOWER; LABOUR REQUIREMENTS.

539 GATOT S.A.F. [Prospect of soybean planting equipment use in Lamongan Regency]. Prospek penerapan alat tanam kedelai tipe tarik di Kabupaten Lamongan/Gatot S.A.F. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 275-280 1 ill., 3 tables; 8 ref.

Call.Number: 631.171/SEM/m

GLYCINE MAX; PLANTING EQUIPMENT; HAND TOOLS; MANPOWER; EFFICIENCY; PRODUCTION POSSIBILITIES; PROFIT; JAVA.

540 HANDAKA. [Agribusiness prospect and development direction; agriculture mechanization support]. Prospek dan arah pengembangan agribisnis: dukungan aspek mekanisasi pertanian/Handaka; Unadi, A.; Hendriadi, A.; Tjahjohutomo, R.; Arifin C., B.; Sriyanto, C.; Santosa, A.; Budiastuti, M.J.T.; Wahyudi, S.T.; Budiman, D.A.; Ashari, C.Y.P.A. (Balai Besar Pengembangan

Mekanisasi Pertanian, Serpong (Indonesia)
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MECHANIZATION; FARM EQUIPMENT;
ECONOMIC ANALYSIS; DEVELOPMENT
POLICIES.

541 HANDAKA. [Developing the sustainable agriculture mechanization strategy]. Membangun strategi mekanisasi pertanian yang berkelanjutan /Handaka (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong -Tangerang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong -Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 1-22 3 ill., 1 table; 16 ref.
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INDONESIA; MECHANIZATION;
AGRICULTURAL DEVELOPMENT;
SUSTAINABILITY.

542 HARMEN. Modification of Q-meter type dielectric meter and the dielectric properties of pepper. Modifikasi alat ukur dielektrik metoda Q-meter dan nilai sifat dielektrik lada/Harmen; Widyarto, S. (Politeknik Pertanian Negeri Bandar Lampung (Indonesia)); Tambunan, A.H.. Jurnal Keteknik Pertanian (Indonesia). ISSN 0216-3365 (2004) v. 18(3) p. 153-162 10 ill., 1 table; 8 ref.

PIPER NIGRUM; DIELECTRIC
PROPERTIES; DRYING; MEASUREMENT;
MOISTURE CONTENT; EQUIPMENT
CHARACTERISTICS; DESIGN.

543 HARNEL. [Testing of electromotor peanut peeler]. Uji teknis alat pengupas kacang tanah dengan sumber tenaga motor listrik/Harnel (Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia)). Jurnal Ilmiah Tambua (Indonesia). ISSN 1412-5838 (2005) v. 4(2) p. 154-157 4 tables; 8 ref.

GROUNDNUTS; PEELING; TESTING;
POSTHARVEST EQUIPMENT.

544 HARSONO. [Development of fruit sortation machine based on size homogenous to support citrus agribusiness]. Pengembangan mesin sortasi buah berdasarkan keseragaman ukuran untuk mendukung agribisnis buah jeruk/Harsono; Asari, A.; Budiharti, U. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang: Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 275-280 2 ill., 1 table; 4 ref.
Call.Number: 631.171/SEM/m

CITRUS SINENSIS; AGROINDUSTRIAL
SECTOR; HARVESTING; POSTHARVEST
EQUIPMENT; SORTING EQUIPMENT;
ELECTRIC MOTORS; DIMENSIONS.

545 HENDRIADI, A. [Design of hand tractor wheel for tidal lowland area]. Rancangan roda traktor tangan untuk lahan sawah pasang surut/Hendriadi, A. (Balai Besar Mekanisasi Pertanian, Serpong (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 206-219 10 ill., 16 ref.
Call.Number: 631.17.001.57/SEM/p

FLOODED LAND; EQUIPMENT
CHARACTERISTICS; WHEELED
TRACTORS; EFFICIENCY.

546 MAHAPUTRA, I K. [Planning on investment of maize thresher machine in marginal land]. Perencanaan investasi mesin perontok jagung di lahan marginal/Mahaputra, I K. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 30-33 6 tables; 5 ref.

MAIZE; THRESHERS; HARVESTING; ECONOMIC TRESHOLDS; ECONOMIC INJURY LEVELS; ECONOMIC ANALYSIS; MARGINAL LAND.

547 NASIR, F. [Simulation program to determine optimum working position on hand tractor by using computer program]. Simulasi penentuan posisi kerja optimum pada traktor tangan menggunakan program komputer/Nasir, F. (Universitas Bung Hatta, Padang (Indonesia). Fakultas Teknologi Industri); Herodian, S.; Hermawan, W. [Proceedings of the national seminar on agricultural equipment innovation for agribusiness. Book 1]. Prosiding seminar nasional inovasi alat dan mesin pertanian untuk agribisnis. Buku 1/Thahir, R.; Supriyanto; Sardjono; Prabowo, A.; Haryono (eds.) Balai Besar Pengembangan Alat dan Mesin Pertanian, Serpong (Indonesia). Serpong : BB Alsintan, 2001: p. 161-169 10 ill., 1 table; 13 ref.

FARM EQUIPMENT; TRACTORS; SIMULATION; BIOMETRY; COMPUTER SOFTWARE.

548 PITOYO, J. [Analysis of grain scattering habit characterize of several rice varieties]. Analisis karakteristik gaya pelepasan butir padi (scattering habit of paddy) beberapa varietas padi/Pitoyo, J.; Novi, S.; Sulistiadji, K. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong -Tangerang (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang: Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 99-106 5 ill., 1 table; 4 ref.

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RICE; VARIETIES; THRESHERS; THRESHING; WORK CAPACITY.

549 PRABOWO, A. [Evaluation of total head loss in foot-valve on centrifugal pump]. Evaluasi losses di katup hisap bawah (foot-valve) pada pompa sentrifugal/Prabowo, A.; Hendriadi, A. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang (Indonesia)). [Proceedings of the national

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550 PRABOWO, A. [Prototype of irrigation centrifugal AP-S100 pump]. Prototipe pompa irigasi sentrifugal AP-S100/Prabowo, A.; Hendriadi, A.; Tjahjohutomo, R.; Harsono (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2004) v. 26(2) p. 10-11 3 ill.

IRRIGATION EQUIPMENT; PROTOTYPES; CENTRIFUGING; PUMPS.

551 RAHARJO, B. [Quality improvement of food crop product in tidal land of South Sumatra through agricultural equipment and machinery introduction]. Perbaikan mutu hasil pertanian tanaman pangan di lahan pasang surut Sumatera Selatan melalui introduksi alsintan/Raharjo, B.; Sutrisno (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 364-377 10 ill., 4 tables; 11 ref.

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FOOD CROPS; QUALITY; FARM EQUIPMENT; THRESHERS; DRYERS; ECONOMIC EQUIPMENT; SUMATRA.

552 SATRIYO, B. [BSM-1 type sortation machine for citrus fruits]. Mesin sortasi buah jeruk tipe BSM-1/Satriyo, B. (Balai Besar Pengembangan Mekanisasi Pertanian,

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CITRUS FRUITS; GRADING;
POSTHARVEST EQUIPMENT;
PROTOTYPES.

553 SUTRISNO. [Prospect of husk-fueled dryer use on rice quality and rendement and farmer income on tidal land of South Sumatra]. Prospek penggunaan mesin pengering bahan bakar sekam terhadap mutu rendemen beras serta pendapatan petani di lahan pasang surut Sumatera Selatan/Sutrisno (Balai Penelitian Tanaman Padi, Sukamandi (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 378-389 6 ill., 9 ef. Call.Number: 631.17.001.57/SEM/p

RICE; FARM EQUIPMENT; DRYERS;
QUALITY; FARM INCOME; ECONOMIC
ANALYSIS; RICE HUSKS; BIOFUELS;
SUMATRA.

554 WIDYOTOMO, S. [Development of equipment and machinery engineering for middle scale cocoa product processing]. Kemajuan perekayasa alat dan mesin pengolahan produk hilir kakao skala menengah/Widyotomo, S.; Mulato, S. (Pusat Penelitian Kopi dan Kakao, Jember (Indonesia)). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang: Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 51-60 8 ill., 6 ref. Call.Number: 631.171/SEM/m

COCOA BEANS; POSTHARVEST
EQUIPMENT; PROCESSING; PASTA;
PLANT FATS; POWDERS; PROCESSED
PLANT PRODUCTS.

**P06 RENEWABLE ENERGY
RESOURCES / SUMBER DAYA
ENERGI TERBARUKAN**

555 SOERAWIDJAJA, T.H. [Prospect of bioenergy development in Indonesia]. Prospek pengembangan bioenergi di Indonesia/Soerawidjaja, T.H. (Institut Teknologi Bandung (Indonesia). Lembaga Penelitian dan Pemberdayaan Masyarakat). [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2005: p. 31-40 1 ill., 1 table; 9 ref. Call.Number: 631.171/SEM/m

BIOENERGY; ENERGY RESOURCES; BIO
FUELS; BIOMASS; ELECTRICITY;
INDONESIA.

**P10 WATER RESOURCES AND
MANAGEMENT / PENGE-
LOLAAN DAN SUMBER DAYA
AIR**

556 AGUS, F. [Water harvesting and water conservation]. Panen dan konservasi air/Agus, F.; Ruijter, J. (s.l): World Agroforestry Centre, 2004: 2 p.

RAIN; WATER CONSERVATION;
IRRIGATION; DAMS; WATER
RESERVOIRS.

557 HERMANTORO. [Simulation of controlled groundwater content dynamic on shallot cultivation]. Simulasi dinamika kadar air tanah terkendali pada budidaya tanaman bawang merah/Hermantoro (Institut Pertanian Stiper, Yogyakarta (Indonesia). Fakultas Teknologi Pertanian); Tamrin; Setiawan, B.I. [Proceedings of the national seminar on agricultural equipment innovation for agribusiness. Book 1]. Prosiding seminar nasional inovasi alat dan mesin pertanian untuk agribisnis. Buku 1/Thahir, R.; Supriyanto; Sardjono; Prabowo, A.; Haryono (eds.) Balai Besar Pengembangan Alat dan Mesin Pertanian, Serpong (Indonesia). Serpong: BB Alsintan, 2001: p. 183-190 10 ill., 9 ref.

ALLIUM ASCALONICUM;
CULTIVATION; SIMULATION; SOIL
WATER CONTENT.

558 RUIJTER, J. [Watershed management].
Pengelolaan daerah aliran sungai
(DAS)/Ruijter, J.; Agus, F. (s.l): World
Agroforestry Centre, 2004: 2 p.

WATERSHEDS; IRRIGATION; RAIN;
WATER QUALITY; CONSERVATION;
FORESTRY.

**P31 SOIL SURVEY AND
MAPPING / SURVAI DAN
PEMETAAN TANAH**

559 SULISTYO, B. [Utilization of
geographical information system (GIS)
technology in agricultural management on
swamp soils]. Pemanfaatan teknologi sistem
informasi geografi dalam pengelolaan
pertanian pada lahan rawa/Sulistyo, B.
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pertanian). [Proceedings of the seminar on
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result of specific location technology. Book
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Ekonomi Pertanian, Bogor. Bogor : PSE,
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Call.Number: 631.17.001.57/SEM/p

SWAMP SOILS; GEOGRAPHICAL
INFORMATION SYSTEMS;
CARTOGRAPHY.

**P33 SOIL CHEMISTRY AND
PHYSICS/KIMIA DAN FISIKA
TANAH**

560 AGUS, F. [Introducing soil conditions,
soil types and soil fertility]. Pengenalan
tanah/Agus, F.; Ruijter, J. (s.l): World
Agroforestry Centre, 2004: 2 p.

SOIL; TEXTURE; SOIL STRUCTURE;
ORGANIC MATTER; BIOLOGY; SOIL
FERTILITY.

561 DEWI, T. [Improving sandy soil
productivity for shallot through improving
water binding capacity]. Peningkatan

produktivitas lahan gump pasir pantai untuk
bawang merah lewat perbaikan kemampuan
tanah dalam menyimpan air/Dewi, T. (Loka
Penelitian Pencemaran Lingkungan Pertanian,
Jakenan (Indonesia)); Kertonegoro, B.D.;
Handayani, S.. [Proceedings of the national
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pollution control]. Prosiding seminar nasional
inovasi teknologi pengelolaan sumberdaya
lahan rawa dan pengendalian pencemaran
lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.;
Jumberi, A. (eds.) Pusat Penelitian dan
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369-380 6 ill., 5 tables; 3 ref.
Call.Number: 631.445.1/SEM/p/c1

ALLIUM ASCALONICUM; SANDY
SOILS; PLASTICS; FARMYARD
MANURE; SOIL WATER BALANCE; SOIL
FERTILITY; EFFICIENCY; WATER USE;
WATER BINDING CAPACITY.

562 LESTARI, Y. [Effect of groundwater
depth on the growth and yield of mungbean in
acid sulphate soil]. Pengaruh kedalaman air
tanah terhadap pertumbuhan dan hasil kacang
hijau di tanah sulfat masam/Lestari, Y.;
Saragih, S. (Balai Penelitian Pertanian Lahan
Rawa, Banjarbaru (Indonesia)). [Proceedings
of the national seminar on technology
innovation of swamp land resources
management and environment pollution
control]. Prosiding seminar nasional inovasi
teknologi pengelolaan sumberdaya lahan rawa
dan pengendalian pencemaran lingkungan/Ar-
Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A.
(eds.) Pusat Penelitian dan Pengembangan
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Bogor : Puslitbangtanak, 2005: p. 243-249 3
tables; 10 ref.
Call.Number: 631.445.1/SEM/p/c1

VIGNA RADIATA RADIATA; ACID
SULPHATE SOILS; WATER
MANAGEMENT; GROUNDWATER
TABLE; SOIL MOISTURE; DEPTH; SEED;
YIELDS.

**P35 SOIL FERTILITY/KESUBURAN
TANAH**

563 PATTISELANNO, F. [Pig rearing
technique]. Babi, hewan ternak penggembar
tanah/Pattiselanno, F. (Universitas Negeri
Papua, Manokwari (Indonesia). Fakultas

Peternakan). Salam (Indonesia). (2004) (no. 6) p. 14 2 ill.

SWINE; REARING TECHNIQUES; SOIL FERTILITY; FARMYARD MANURE.

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

564 BOOTH, D.J. [Vetiver grass: alternative plant for soil and water conservation]. Rumput vetiver: tanaman alternatif untuk KTA. (Konservasi Tanah dan Air)/Booth, D.J.; Adinata, N.A. (Yayasan Ekoturin, Bali (Indonesia)). Salam (Indonesia). (2004) (no. 6) p. 10-11 7 ill.

VETIVERIA ZIZANOIDES; SOIL CONSERVATION; WATER CONSERVATION.

P40 METEOROLOGY AND CLIMATOLOGY/METEOROLOGI DAN KLIMATOLOGI

265 THOMAS. [SOI (Southern Oscillation Index) used for long dry season anticipation]. SOI untuk mengantisipasi kemarau panjang/Thomas (Balai Penelitian Sembawa, Palembang (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia). ISSN 0216-4427 (2003) v 25(3) p. 12-13 Call.Number: 631.445.1/SEM/p/c1

INDONESIA; DRY SEASON; CLIMATE.

Q02 FOOD PROCESSING AND PRESERVATION / PENGOLAHAN DAN PENGAWETAN PANGAN

566 BALAI PENGKAJIAN TEKNOLOGI PERTANIAN YOGYAKARTA [Substitution of wheat flour by sweet potato in cake processing on local food improvement]. Substitusi terigu dengan tepung ubijalar pada pembuatan kue dalam rangka pengembangan pangan lokal/Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia). [Recommendation of agricultural technology in Yogyakarta Special Province (Indonesia)]. Rekomendasi teknologi pertanian Propinsi Daerah Istimewa Yogyakarta tahun 2004/Setyono, B.; Harwono, R.; Subagiyo; Suharno (eds.) Balai Pengkajian Teknologi

Pertanian, Yogyakarta (Indonesia). Yogyakarta : BPTP Yogyakarta, 2004: Monograf BPTP Yogyakarta (Indonesia). (2004) (no. 2) p. 64-76 1 ill., 7 tables; 12 ref. Call.Number: 631.17(594.57)/KOM/r

SWEET POTATOES; NON CEREAL FLOURS; SIMULATED FOODS; WHEAT FLOUR; CAKES; PROXIMATE COMPOSITION; FOOD TECHNOLOGY; ORGANOLEPTIC PROPERTIES; TECHNOLOGY TRANSFER; ECONOMIC ANALYSIS.

567 BUDIHARTI, U. [Processing of Aloe vera flour by using sprayed dried]. Pembuatan tepung lidah buaya dengan menggunakan pengering semprot/Budiharti, U.; Harsono; Paramawati, R. . [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar/ Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 227-233 4 ill., 1 table; 22 ref. Call.Number: 641.1/SEM/p

ALOE BARBADENSIS; FLOURS; DRYERS; EVAPORATION; PROCESSING; CHEMICOPHYSICAL PROPERTIES.

568 DESTIALISMA. [Potential of coconut value added through palm sugar processing in Bali]. Potensi peningkatan nilai tambah kelapa melalui pembuatan gula merah di Bali/Destialisma (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 15-16 1 table; 6 ref
COCONUTS; PROCESSING; SUGAR PALMS; NUTRITIVE VALUE; QUALITY; MARKETING; BALI.

569 DESTIALISMA [Prospect of nata de coco production]. Prospek produksi nata de coco/Destialisma (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian

(Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 6-8 2 ill., 3 tables; 4 ref.

COCONUT WATER; PROCESSED PLANT PRODUCTS; PROCESSING; NUTRITIVE VALUE; ECONOMIC ANALYSIS; MARKETING.

570 MAHMUD, H.R. [Separation and crystalization of monoacil-glycerol containing omega-3 fatty acid from fish oil wastes]. Pemisahan dan kristalisasi monoasil gliserol kaya asam lemak omega-3 limbah minyak ikan/Mahmud, H.R.; Hariyadi, P. (Institut Pertanian Bogor (Indonesia)); Komari; Budijanto, S.. [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 258-267 5 ill., 4 tables; 13 ref. Call.Number: 641.1/SEM/p

FISH OILS; WASTES; TRIGLYCERIDES; FATTY ACIDS; SEPARATING; CRYSTALIZATION.

571 RIDAWATI. [Processing and packaging of wrapped carp]. Pepes ikan mas : pengolahan dan pengemasan/Ridawati; Nadia, L.; Komalasari, N. (Universitas Terbuka Jakarta (Indonesia). Fakultas Matematika dan Ilmu Pengetahuan Alam). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 199-213 6 ill., 13 tables; Bibli: p. 211-213 Call.Number: 641.1/SEM/p

CARP; PROCESSING; FOOD TECHNOLOGY; QUALITY; STORAGE; PACKAGING; FLAVOUR.

572 TRISNAWATI, W. [Processing technology of arabica coffea]. Teknologi pengolahan kopi arabika/Trisnawati, W. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 20-21 5 ref.

COFFEA ARABICA; PROCESSING; COFFEE BEANS; FERMENTATION; STORAGE.

573 WIDANINGRUM. [Arrowroot (*Maranta arundinacea* L.) flour as an alternative wheat flour substitute and its prospect on food product processing]. Tepung garut (*Maranta arundinacea* L.) sebagai alternatif pengganti tepung terigu dan prospeknya pada pembuatan produk pangan/Widaningrum (Balai Besar Penelitian Pascapanen, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 28-31 6 tables

MARANTA ARUNDINACEA; FLOURS; WHEAT FLOUR; SOYBEAN FLOUR; CHEMICOPHYSICAL PROPERTIES; FOOD TECHNOLOGY; PROXIMATE COMPOSITION; FOOD ADDITION; SIMULATED FOODS.

Q03 FOOD CONTAMINATION AND TOXICOLOGY/ KONTAMINASI DAN TAKSIKOLOGI PANGAN

574 DIRATMAJA, I G.P.A. [Potential of gold mollusc (*Pomacea canaliculata*) as food]. Hama keong mas (*Pomacea canaliculata*) berpotensi sebagai pangan/Diratmaja, I G.P.A.; Nurhati, I.; Haryati, Y.; Rahdian (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 177-184 3 ill., 10 ref. Call.Number: 641.1/SEM/p

POMACEA CANALICULATA; FOODS; FEEDS; NUTRITIVE VALUE.

575 HERAWATI, H. [Potential of *Cylea barbata* as functional food]. Potensi cincau hijau (*Cylea barbata* L. Miers) sebagai pangan fungsional/Herawati, H.; Histifarina, D. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 142-149 1 ill., 2 tables; 18 ref.
Call.Number: 641.1/SEM/p

MENISPERMACEAE; HEALTH FOODS; ANTIOXIDANTS; NUTRITIVE VALUE; TRADITIONAL MEDICINES; PROCESSING; POSTHARVEST TECHNOLOGY.

576 NURAWAN, A. [Role of spice crops as Indonesian indigenous functional food]. Peranan tanaman empon - empon sebagai pangan fungsional indigenous Indonesia/Nurawan, A. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)); Marbun, O.. [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 150-155 14 ref.
Call.Number: 641.1/SEM/p

ZINGIBER OFFICINALE; CURCUMA ZEDOARIA; KAEMPFERIA; ZINGIBER; HEALTH FOODS; TRADITIONAL MEDICINES; INDONESIA.

577 SUHERMIYATI, S. [Assessment of sardinella oil as functional food component]. Kajian minyak ikan lemuru sebagai komponen pangan fungsional/Suhermiyati, S.; Mugiyo, S. (Universitas Jenderal Soedirman Purwokerto (Indonesia). Fakultas peternakan); Prabowo, D.. [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety,

efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 185-189 3 tables; 9 ref.
Call.Number: 641.1/SEM/p

SARDINELLAS; FISH OILS; CHOLESTEROL; HEALTH FOODS; EGG PRODUCTION.

578 TRI-PANJI. [Potential of Spirulina as multifunction functional food]. Spirulina "magic food" makanan fungsional multifungsi/Tri-Panji; Suharyanto (Balai Penelitian Bioteknologi Perkebunan Indonesia, Bogor (Indonesia)); Tanto, Z.. [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 156-162 3 tables; 23 ref.
Call.Number: 641.1/SEM/p

SPIRULINA PLATENSIS; HEALTH FOODS; CHEMICAL COMPOSITION; SUPPLEMENTS.

579 WIDJAYANTI, E. [Potential and prospect of Indonesian indigenous functional food]. Potensi dan prospek pangan fungsional indigenous Indonesia/Widjayanti, E.; Haryanto, B. (Badan Pengkajian dan Penerapan Teknologi, Jakarta (Indonesia). Kedeputan Teknologi Agroindustri dan Bioteknologi); Sumaryono, W.. [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]. Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar/Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 1-7 7 ref.
Call.Number: 641.1/SEM/p

HEALTH FOODS; INDIGENOUS
KNOWLEDGE; DEVELOPMENT
POLICIES; INDONESIA.

580 WINARSI, H. [Effect of functional beverage supplement with soybean isoflavonoid and Zn as immunostimulant for premenopause women]. Minuman fungsional yang disuplementasi isoflavan kedelai dan Zn, sebagai imunostimulan bagi wanita premenopause/Winarsi, H. (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Fakultas Biologi). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 227-233 2 ill., 20 ref. Call.Number: 641.1/SEM/p

FLAVONOIDS; SOYBEANS;
BEVERAGES; SUPPLEMENTS; ZINC;
WOMEN.

581 YASA, I M.R. [Pesticide residues on agricultural products]. Residu pestisida pada produk pertanian/Yasa, I M.R. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 22-25 8 tables; 10 ref.

AGRICULTURAL PRODUCTS;
RESIDUES; PESTICIDES; TOXICITY;
RESIDUAL EFFECTS.

Q04 FOOD COMPOSITION/KOMPO- SISI PANGAN

582 BARLINA, R. [Various coconut products]. Aneka produk kelapa/Barlina, R. (Balai Penelitian Kelapa, Manado (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 3-6 1 table

COCONUTS; DIVERSIFICATION; FOOD
TECHNOLOGY.

583 JAMAL, Y. Nutritional values of wild rusa deer (*Cervus timorensis*) venison. Nilai gizi daging rusa timor (*Cervus timorensis*) hasil perburuan/Jamal, Y.; Semiadi, G. (Pusat Penelitian Biologi, Bogor (Indonesia)); Hamsun, M.. Animal Production (Indonesia). ISSN 1411-2027 (2005) v. 7(1) p. 46-51 3 tables

CERVUS; MEAT; GAME MEAT;
NUTRITIVE VALUE; FATTY ACIDS;
AMINO ACIDS.

584 PARAMAWATI, R. [Potential foliages as flavonoid-antioxidant source beverages]. Potensi berbagai dedaunan sebagai minuman sumber flavonoid-antioksidan/Paramawati, R. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong -Tangerang (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 135-141 20 ref. Call.Number: 641.1/SEM/p

DRUG PLANTS; TEA; LEAVES;
BEVERAGES; FLAVONOIDS;
ANTIOXIDANTS.

585 PURWOTO, H. [Effect of organic concentrations in culture media on the vitamin E antioxidant content on *Euglena gracilis*]. Pengaruh konsentrasi organik dalam media kultur terhadap kandungan antioksidan vitamin E pada mikroalga *Euglena gracilis*/Purwoto, H. (Pusat Pengkajian dan Penerapan Teknologi Bioindustri, Jakarta (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasarRusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 252-257 5 ill., 4 tables; 13 ref. Call.Number: 641.1/SEM/p

EUGLENA GRACILIS; ANTIOXIDANTS;
VITAMINE; GLUCOSE; CULTURE
MEDIA.

**Q05 FOOD ADDITIVES / ZAT
TAMBAHAN PANGAN**

586 ASPIYANTO. [Purification of moromi extracts using microfiltration membrane as food flavoring]. Proses pemurnian ekstrak moromi menggunakan membran mikrofiltrasi sebagai bahan penyedap dan pengaroma makanan/Aspiyanto; Susilowati, A. (Pusat Penelitian Kimia-LIPI, Serpong (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor : PSE, 2004: p. 268-279 9 ill., 5 ref.
Call.Number: 641.1/SEM/p

SOYBEANS; FERMENTED PRODUCTS;
EXTRACTS; ASPERGILLUS;
MICROFILTRATION; MEMBRANES;
FOOD ADDITIVES; FLAVOUR.

587 SUSILOWATI, A. [Developing maize starch as food additive and its application on tempe hydrolysis for functional beverage]. Pengembangan pati jagung (*Zea mays* L.) sebagai aditif makanan dan aplikasinya pada hidrolisat tempe untuk minuman fungsional/Susilowati, A.; Aspiyanto (Pusat Penelitian Kimia LIPI, Serpong (Indonesia)). [Proceedings of the national seminar on Indonesian indigenous functional food: potential, regulation, safety, efficacy and market opportunity]: Prosiding seminar nasional pangan fungsional indigenous Indonesia: potensi, regulasi, keamanan, efikasi dan peluang pasar Rusastra, I W.; Muharam, A.; Bachrein, S.; Nurawan, A. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 214-226 8 ill., 13 ref.
Call.Number: 641.1/SEM/p

CORN STARCH; FOOD ADDITIVES;
EMULSIONS; SOYFOODS; HYDROLYSIS;
BEVERAGES; CHEMICOPHYSICAL
PROPERTIES.

**Q52 FEED PROCESSING AND
PRESERVATION / PENG-
OLAHAN DAN PENGAWETAN
PAKAN**

588 BALAI PENGKAJIAN TEKNOLOGI
PERTANIAN YOGYAKARTA.
[Gelatinization of dried cassava as alternative of local feed material for ruminants]. Teknologi pengolahan gapek-urea dengan gelatinisasi sebagai bahan pakan lokal alternatif untuk ternak ruminansia/Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia). [Recommendation of agricultural technology in Yogyakarta Special Province (Indonesia)]. Rekomendasi teknologi pertanian Propinsi Daerah Istimewa Yogyakarta tahun 2004/Setyono, B.; Harwono, R.; Subagiyo; Suharno (eds.) Balai Pengkajian Teknologi Pertanian, Yogyakarta (Indonesia). Yogyakarta: BPTP Yogyakarta, 2004: Monograf BPTP Yogyakarta (Indonesia). (2004) (no. 2) p. 48-57 3 ill., 4 tables; 7 ref.
Call.Number: 631.17(594.57)/KOM/r

BEEF CATTLE; CASSAVA; DRIED
PRODUCTS; PROCESSING; FEEDS;
UREA; JELLIFICATION;
CONCENTRATES; FATTENING;
PROXIMATE COMPOSITION; WEIGHT
GAIN; TECHNOLOGY TRANSFER.

**Q60 PROCESSING OF NON-FOOD
OR NON - FEED AGRI -
CULTURAL PRODUCTS /
PENGOLAHAN HASIL PER-
TANIAN NON -PANGAN ATAU
NON-PAKAN**

589 SUPRIATNA S., A. [Potential of clove oil in North Sulawesi]. Minyak cengkeh tambang emas baru bagi petani di Sulawesi Utara/Supriatna S., A. (Balai Besar Pascapanen Pertanian, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia). ISSN 0853-8204 (2004) v. 10(2) p. 12-14 1 ill.
CLOVES; DISTILLING; EQUIPMENT;
PROFIT; PRICES; SULAWESI.

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

590 SUHARYANTO. [Rice husks: useful agricultural wastes]. Sekam padi : limbah

pascapanen yang bermanfaat/Suharyanto (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 26-27 5 ref.

RICE HUSKS; BYPRODUCTS;
PROCESSING; FERMENTATION;
ORGANIC FERTILIZERS.

591 SUYASA, I N. [Rice straw as an organic fertilizer and feeds]. Jerami padi sebagai pupuk organik dan pakan ternak/Suyasa, I N. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia). ISSN 1693-1262 (2005) v. 3(9) p. 12-14 2 ill., 4 ref.

RICE STRAW; ORGANIC FERTILIZERS;
FEEDS; FERMENTATION;
TRICHODERMA; PROXIMATE
COMPOSITION; PROCESSING.

Q80 PACKAGING/PENGEMASAN

592 NURHASANAH, A. [Utilization of atmosphere modified poly propylene plastic to preserve banana crispy storage]. Penggunaan kemasan plastik PP dengan modifikasi atmosfer untuk memperpanjang umur simpan keripik pisang/Nurhasanah, A. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang (Indonesia) ; Meilan, Amin, H. . [Proceedings of the national seminar on agricultural mechanization]. Prosiding seminar nasional mekanisasi pertanian/Hendriadi, A.; Sardjono; Widodo, T.W.; Nugroho, P.; Sriyanto, C. (eds.) Balai Besar Pengembangan Mekanisasi Pertanian Serpong, Tangerang (Indonesia). Serpong, Tangerang : Balai Besar Pengembangan Mekanisasi Pertanian, 2004: p. 251-262 10 ill., 5 tables; 9 ref.
Call.Number: 631.171/SEM/m

BANANAS; DRIED PRODUCTS;
PACKAGING MATERIALS; PLASTICS;
CONTROLLED ATMOSPHERE STORAGE;
TIME; ORGANOLEPTIC PROPERTIES.

S01 HUMAN NUTRITION - GENERAL ASPECTS / GIZI MANUSIA-ASPEK UMUM

593 LATIEF, D. [Quality of mineral resources with health level of community]. Kualitas sumberdaya mineral dengan tingkat kesehatan

masyarakat/Latief, D. (Badan Penelitian dan Pengembangan Kesehatan, Jakarta (Indonesia)). [Proceedings of the seminar on national workshop on research and assessment result of specific location technology. Book 1]. Prosiding seminar lokakarya nasional hasil penelitian dan pengkajian teknologi spesifik lokasi. Buku 1/Subowo E.; Soleh, R.H.M.; Malian, H.; Amypalupi, K.; Ardi S., D. (eds.) Pusat Penelitian dan Pengembangan Sosial Ekonomi Pertanian, Bogor (Indonesia). Bogor: PSE, 2004: p. 13-23 2 ill., 1 table; 10 ref.
Call.Number: 631.17.001.57/SEM/p

MINERAL RESOURCES; PUBLIC
HEALTH; QUALITY.

T01 POLLUTION/POLUSI

594 ANDANG, L.S. [Consumer protection to environment pollution impact]. Perlindungan konsumen terhadap dampak pencemaran lingkungan/Andang, L.S.(Yayasan Lembaga Konsumen Indonesia, Jakarta (Indonesia)). [Environmentally friendly agricultural production system]. Sistem produksi pertanian ramah lingkungan/Soejitno, I.; Hermanto; Sunihardi (eds.) Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor (Indonesia). Bogor : Puslitbangtan, 2002: p. 22-26 7 ref.
Call.Number: 631:338.43/SEM/3

POLLUTION; CONSUMER PROTECTION;
ENVIRONMENTAL IMPACT.

595 MULYADI. [Methane emission from farmyard manure, rice straw and tillage residues upland rice]. Emisi metan dari residu pupuk kandang, jerami dan olah tanah pada lahan padi gogo rancah/Mulyadi; Pramono, A.; Sasa, J.J. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 451-462 6 ill., 1 table; 15 ref.
Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; UPLAND RICE; RAINFED FARMING; METHANE; POLLUTION; FARMYARD MANURE; RESIDUES; RICE STRAW; LAND MANAGEMENT; MINIMUM TILLAGE.

596 NURJAYA [Status and Cd heavy metal spread in shallot centre land in Tegal and Brebes]. Status dan sebaran logam berat Cd pada lahan sentra bawang merah di Kabupaten Tegal dan Brebes/Nurjaya (Balai Penelitian Tanah, Bogor (Indonesia)); Jatmiko, S.Y.; Dwiningsih, S.. [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 393-406 3 ill., 4 tables; 15 ref.
Call.Number: 631.445.1/SEM/p/c1

ALLIUM ASCALONICUM; CADMIUM; PESTICIDES; RESIDUES; SOIL CHEMICOPHYSICAL PROPERTIES; LEAD; PHOSPHATE FERTILIZERS; APPLICATION RATES; POLLUTION; JAVA.

597 ROSARIASTUTI, M.M.A.R. [Effect of chromium in textile liquid wastes on the population of irrigated soil microorganisms]. Pengaruh chromium pada limbah cair industri tekstil terhadap populasi mikrobia penambatan dan pelarut P tanah sawah/Rosariastuti, M.M.A.R.; Rifiyani, S.S.I. (Universitas Sebelas Maret Surakarta (Indonesia). Fakultas Pertanian). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 381-392 3 ill., 1 table; 18 ref.
Call.Number: 631.445.1/SEM/p/c1

IRRIGATED LAND; CHROMIUM; INDUSTRIAL WASTES; LIQUID WASTES; POLLUTION; SOIL MICROORGANISMS.

598 SUGANDA, H. [Mercuri and cadmium content in soil and its relation with rice yields]. Kandungan merkuri dan cadmium dalam tanah dan hubungannya dengan hasil tanaman padi/Suganda, H.; Kasno, A.; Prasetyo, B.H. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 407-424 5 ill., 8 tables; 4 ref.
Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; CADMIUM; MERCURI; VERTISOLS; SOIL CHEMICOPHYSICAL PROPERTIES; YIELD COMPONENTS; GROWTH.

599 SUHARSIH. [Effects of varieties and N fertilizer dosage on methane gas emission in irrigated land]. Emisi gas metan pada lahan sawah dari dua varietas dan empat dosis pupuk N/Suharsih; Setyanto, P.; Sasa, J.J. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan/Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslittanak, 2005: p. 443-450 2 ill., 1 table; 9 ref.
Call.Number: 631.445.1/SEM/pc1

ORYZA SATIVA; IRRIGATED LAND; VARIETIES; METHANE; POLLUTION; NITROGEN FERTILIZERS; APPLICATION RATES; RAIN; ACID SOILS; YIELDS.

600 WIHARDJAKA, A. [Methane flux one some rainfed land technology components in Pati Regency]. Fluks metana pada beberapa komponen teknologi sawah tadah hujan di Kabupaten Pati/Wihardjaka, A. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)). [Proceedings of the national seminar on technology innovation of

swamp land resources management and environment pollution control]. Prosiding seminar nasional inovasi teknologi pengelolaan sumberdaya lahan rawa dan pengendalian pencemaran lingkungan /Ar-Riza, I.; Kurnia, U.; Noor, I.; Jumberi, A. (eds.) Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Bogor (Indonesia). Bogor : Puslitbangtanak, 2005: p. 425-442 4 ill., 5 tables; 35 ref.

Call.Number: 631.445.1/SEM/p/c1

ORYZA SATIVA; RAINFED FARMING; POLLUTANTS; ORGANIC FERTILIZERS; INORGANIC FERTILIZERS; RESIDUES; METHANE; TECHNOLOGY; UREA; NITROGEN FERTILIZERS; SULPHUR FERTILIZERS; APPLICATION RATES; JAVA.

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