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Kata Pengantar

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

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ORYZA SATIVA; ZEA MAYS; GLYCINE MAX; ARACHIS HYPOGAEA; PRODUCTION; PRODUCTION COSTS; INTEGRATED PLANT PRODUCTION; INFORMAL EDUCATION; FARMER FIELD SCHOOL.

002 DIREKTORAT PENGELOLAAN LAHAN. Pedoman teknis sekolah lapang (SL). [*Technical guidelines for field school*] / Direktorat Pengelolaan Lahan. Jakarta: Direktorat Pengelolaan Lahan, 2010: 49 p., 2 tables; Appendices.

FARMER FIELD SCHOOLS; GUIDELINES.

E10 EKONOMI DAN KEBIJAKAN PERTANIAN / AGRICULTURAL ECONOMICS AND POLICIES

003 HIDAYAT, S. Manajemen ketahanan pangan di daerah. [*Management of food security in regional areas*] / Hidayat, S.; Setiawan, W.D.; Tasrin, K.; Ella, S. (Lembaga Administrasi Negara, Jakarta). Bandung: Pusat Kajian dan Pendidikan dan Pelatihan Aparatur I - LAN, 2008: 228 p., 4 ill., 42 tables; 18 ref. 338.439/MAN

FOOD SECURITY; MANAGEMENT.

004 ILHAM, N. Kelangkaan produksi daging indikasi dan implikasi kebijakannya. [*Shortage of meat production: its policy indication and implication*] / Ilham, N. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(1) p. 43-63, 11 ill., 8 tables; 10 ref.

MEAT PRODUCTION; SHORTAGES; AGRICULTURAL POLICIES; PRICES.

005 ISKANDAR, S. Ternak mendukung ketahanan pangan di pedesaan. [*Livestock husbandry supporting food security rural areas*] / Iskandar, S. (Balai Penelitian Ternak, Ciawi). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(3) p. 17-19, 3 tables.

CHICKENS; FOOD SECURITY; ANIMAL PRODUCTS; QUALITY; NUTRITIVE VALUE; PRODUCTION.

006 PASARIBU, B. Implikasi UU lahan pertanian pangan abadi terhadap ketahanan pangan nasional. [*Implication of sustainable agricultural land regulation on national food security*] / Pasaribu, B. (Dewan Perwakilan Rakyat R.I., Jakarta). Prosiding seminar nasional sumber daya lahan dan lingkungan pertanian. Buku 1, Bogor, 7-8 Nov 2007 / Subardja S., D.; Saraswati, R.; Mamat H.S.; Setyanto, P.; Setyorini, D.; Wahyunto; Noor, M.; Irawan (eds.). Bogor: BBSDLP, 2008: p. 1-23, 1 ill., 1 table; 24 ref.

FOOD SECURITY; LEGISLATION; FARMLAND; LAND OWNERSHIP; LAND CONSERVATION; LAND MANAGEMENT; SUSTAINABILITY; AGRARIAN REFORM.

007 RITUNG, S. Lahan sawah dan kecukupan produksi bahan pangan. [*Rice field necessity to sufficient production of food material*] / Ritung, S. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Jurnal Sumberdaya Lahan. ISSN 1907-0799 (2010) v. 4(1) p. 27-38, 4 tables; 16 ref.

RICE FIELDS; LAND SUITABILITY; SURPLUSES; FOOD SUPPLY; LAND RESOURCES; PLANT PRODUCTION; PRODUCTIVITY.

008 SUTATER, T. 50 teknologi unggulan Badan Penelitian dan Pengembangan Pertanian. [*Fifty superior technology of Indonesian Agency for Agricultural Research and Development*] / Sutater, T.; Bintari P., R.; Pandoyo; Rusyadi, Y.; Kusumah, E.; Murtisari, T.; Hapsari, O.A.; Tresnawati, K.; Lingga, H. (Badan Penelitian dan Pengembangan Pertanian, Jakarta). Jakarta: Badan Litbang Pertanian, 2008: 64 p.

AGRICULTURE; APPROPRIATE TECHNOLOGY; RESEARCH

INSTITUTIONS.

E11 EKONOMI DAN KEBIJAKAN LAHAN / LAND ECONOMICS AND POLICIES

009 DARIAH, A. Reklamasi lahan eks-penambangan untuk perluasan areal pertanian. *Reclamation of ex-mining land for agricultural extensification* / Dariah, A.; Abdurachman, A. (Balai Penelitian Tanah, Bogor); Subardja, D. Jurnal Sumberdaya Lahan. ISSN 1907-0799 (2010) v. 4(1) p. 1-12, 6 tables; 16 ref.

LAND USE; RECLAMATION;
SOCIOECONOMIC ENVIRONMENT;
TENURE; LAND REFORM; SOIL
CHEMICOPHYSICAL PROPERTIES;
MINERAL SOILS.

010 HERDRADJAT N. *Zero burning techniques for land clearing in sustainable estate crops development* / Herdradjat N. (Direktur Perlindungan Perkebunan, Jakarta). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1: kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 47-56, 1 table; 5 ref.

LAND CLEARING; CONTROLLED
BURNING; SUSTAINABILITY; PLANT
ESTABLISHMENT; REPLANTING;
MECHANICAL METHODS;
TECHNOLOGICAL CHANGES.

011 NURDIN. Penggunaan lahan kering di DAS Limboto Provinsi Gorontalo untuk pertanian berkelanjutan. *Use of upland in Limboto watershed of Gorontalo Province for agriculture sustainability* / Nurdin (Universitas Negeri Gorontalo. Fakultas Pertanian). Jurnal Penelitian dan Pengembangan Pertanian. ISSN 0216-4418 (2011) v. 30(3) p. 98-107, 2 ill., 6 tables; Bibliography: p. 105-107.

SULAWESI; HIGHLANDS; LAND USE;
WATERSHEDS; SUSTAINABILITY.

012 SABIHAM, S. *Suitability and sustainability aspects of peatland utilization for agriculture* / Sabiham, S. (Institut Pertanian Bogor). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1 : kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 33-46, 1 ill., 5 tables; 20 ref.

INDONESIA; PEATLANDS; LAND
SUITABILITY; SUSTAINABILITY; LAND
MANAGEMENT; CROP MANAGEMENT.

013 SUKARMAN. Karakterisasi dan evaluasi lahan untuk pengembangan komoditas unggulan di lokasi pengembangan AIP/SMD Desa Talagasari Kecamatan Kawali, Kabupaten Ciamis. [*Characterization and evaluation of land for the development of commodities at the side development AIP/SMD Talagasari Village and District Kawali, Ciamis*] / Sukarman; Sopandi, Y., H. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1 : kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 95-115, 1 ill., 9 tables; 26 ref.

AGRICULTURAL PRODUCTS; HIGH
YIELDING VARIETIES; LAND
SUITABILITY; SOIL RESOURCES; SOIL
CONSERVATION; WATER
CONSERVATION; LAND
MANAGEMENT; TECHNOLOGY
TRANSFER.

014 SUPRIYO, A. Teknologi pengelolaan lahan gambut dangkal untuk pertanian tanaman pangan. [*Technology of shallow peat land management for food crops*] / Supriyo, A.; Chairani, A.; Masganti (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 4: teknologi pengelolaan lahan rawa, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 121-132, 5 tables; 21 ref.

FOOD CROPS; LAND MANAGEMENT;
LAND SUITABILITY; PEAT SOILS; SOIL
CHEMICOPHYSICAL PROPERTIES;
TECHNOLOGY.

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

015 ASHARI. Optimalisasi kebijakan kredit program sektor pertanian di Indonesia. *Policy optimization of credit program for agricultural sector in Indonesia* / Ashari (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(1) p. 21-42, 1 table; 14 ref.

INDONESIA; CREDIT POLICIES;
AGRICULTURAL SECTOR;
AGRICULTURAL ECONOMICS.

**E14 EKONOMI DAN KEBIJAKAN
PEMBANGUNAN /
DEVELOPMENT ECONOMICS
AND POLICIES**

016 ANANTO, E.E. Dampak dan manfaat pelaksanaan investasi desa di lima kabupaten P4MI. [*Impact and benefit of rural investment implementation in five regencies*] / Ananto, E.E.; Haryono; Suntoro (Badan Penelitian dan Pengembangan Pertanian, Jakarta). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p.23-38, 12 tables., 13 ref.
631.152:631.611/WOR/p

AGRICULTURE; INNOVATION;
FARMERS; PARTICIPATION;
COMMUNITY; INVOLVEMENT;
SOCIOECONOMIC ENVIRONMENT;
INFRASTRUCTURE; FARMING
SYSTEMS; INCOME DISTRIBUTION;
FARM INCOME.

017 ARSANA, I G.K.D. Transformasi inovasi teknologi tanaman padi dengan pendekatan ekofarming pada ekosistem Subak di Bali. *Transformation of rice technology innovation under ecofarming at Subak ecosystem in Bali* / Arsana, I G.K.D.; Wiguna, I W.A.A. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar); Sembiring, H. Prosiding seminar

nasional hasil penelitian padi 2009. Buku 2, Sukamandi, 20 Oct 2009 / Abdurachman, S.; Toha, H.M.; Gani, A. (eds.). Sukamandi: BB Padi, 2010: p. 427-442, 1 ill., 7 tables; 10 ref.
633.18-115.2/SEM/p bk2

ORYZA SATIVA; INNOVATION;
ALTERNATIVE AGRICULTURE;
INTENSIFICATION; ORGANIC
AGRICULTURE; IRRIGATION SYSTEMS;
INDIGENOUS KNOWLEDGE; VARIETY
TRIALS; PRODUCTIVITY;
TECHNOLOGY TRANSFER; FARM
INCOME; BALI.

018 BARANI, A.M. Strategi pengembangan nilam di Indonesia. [*Strategy of patchouli development in Indonesia*] / Barani, A.M. (Direktorat Jenderal Perkebunan, Jakarta). Prosiding seminar nasional pengendalian terpadu organisme pengganggu tanaman jahe dan nilam, Bogor, 4 Nov 2008 / Rizal, M.; Wahyuno, D.; Sukanto; Wiratno; Saleh, A.; Hamidi, E.; Wizati, F. (eds.). Bogor: Balitro, 2008: p. 7-14, 7 ref.

POGOSTEMON CABLIN; ESSENTIAL OIL
CROPS; DEVELOPMENT POLICIES;
CULTURAL METHODS; PLANT
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POSTHARVEST TECHNOLOGY;
PRODUCTION INCREASE;
PARTICIPATION; FARMERS
ASSOCIATIONS.

019 ERYTHRINA. Inovasi teknologi dan masalah pengembangan kedelai pada lahan kering masam. [*Technology innovation and soybean development program in acid dry land*] / Erythrina (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Prosiding simposium ke 5 tanaman pangan. Inovasi teknologi tanaman pangan. Buku 3: penelitian dan pengembangan palawija, Bogor, 28-29 Aug 2007 / Zaini, Z.; Kasim, F.; Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2008: p. 657-663, 5 tables; 9 ref.

GLYCINE MAX; VARIETIES; SOIL
TYPES; INTEGRATED PLANT
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INNOVATION; TECHNOLOGY
TRANSFER.

020 FITROTIN, U. Pengembangan inisiatif lokal untuk meningkatkan pendapatan petani

(kasus kegiatan program peningkatan pendapatan petani melalui inovasi-P4MI di Kabupaten Lombok Timur). [*Local initiative development for improving farmers income in East Lombok*] / Fitrotin, U. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p.87-94, 2 tables;6 ref.
631.152:631.611/WOR/p

NUSA TENGGARA; AGRICULTURAL DEVELOPMENT; INNOVATION; INDIGENOUS KNOWLEDGE; TRADITIONAL TECHNOLOGY; SOCIOCULTURAL ENVIRONMENT; TECHNOLOGY TRANSFER; FARMERS; PARTICIPATION; FARM INCOME.

021 HARYONO. *Exit strategies subsequent to poor farmers' income improvement through innovation project (PF13P)* / Haryono; Ananto, E.E.; Sumanto; Surahman, A.; Marhendro; Prabowo T.J.; Ismail, I.G.; Suntoro (Badan Penelitian dan Pengembangan Pertanian, Jakarta). Jakarta: Badan Litbang Pertanian, 2010: 66 p. 13 ill., 13 tables; Appendix.

FARM INCOME; ECONOMIC DEVELOPMENT; AGRICULTURAL DEVELOPMENT; DEVELOPMENT POLICIES; INNOVATION; INFRASTRUCTURE.

022 HARYONO. Upaya pengentasan kemiskinan melalui Program Peningkatan Pendapatan Petani Melalui Inovasi (P4MI). [*Effort of poverty alleviation through farmers income improving program by innovation*] / Haryono (Badan Penelitian dan Pengembangan Pertanian, Jakarta); Ananto, E.E. Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 1-22, 5 tables;18 ref.
631.152:631.611/WOR/p

AGRICULTURE; INNOVATION; FARMERS; PARTICIPATION; EXTENSION ACTIVITIES; DIFFUSION OF INFORMATION; RURAL DEVELOPMENT; APPROPRIATE

TECHNOLOGY; POVERTY; FARM INCOME.

023 ILHAM, N. Profil teknologi pada usaha tani padi dan implikasinya terhadap peran pemerintah. [*Technology profile of rice farming system and its implication to government role*] / Ilham, N. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2008) v. 6(4) p. 335-351, 5 tables; 12 ref.

RICE; FARMING SYSTEMS; TECHNOLOGY; GOVERNMENT; POLICIES.

024 MANAN, H. Strategi dan arah program pencetakan sawah baru. [*Strategies and direction of new paddy field making*] / Manan, H. (Direktorat Jenderal Pengelolaan Lahan dan Air, Jakarta). Prosiding seminar nasional sumber daya lahan dan lingkungan pertanian. Buku 1, Bogor, 7-8 Nov 2007 / Subardja S., D.; Saraswati, R.; Mamat H.S.; Setyanto, P.; Setyorini, D.; Wahyunto; Noor, M.; Irawan (eds.). Bogor: BBSDL, 2008: p. 25-37, 2 tables.

AGRICULTURAL DEVELOPMENT; DEVELOPMENT AREAS; RICE FIELDS; FARMLAND; LAND RESOURCES; WATER RESOURCES; LAND USE; LAND MANAGEMENT; FOOD SECURITY; FOOD PRODUCTION; IRRIGATED LAND.

025 NUGRAHAENI N. Inovasi teknologi mendukung pengembangan tanaman kacang-kacangan dan umbi-umbian. [*Technology innovation to support leguminosae and tuber crops development*] / Nugrahaeni N.; Sundari, T.; Subandi; Marwoto (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang). Prosiding seminar nasional pengembangan kacang-kacangan dan umbi-umbian, Surakarta, 7 Aug 2008 / Saleh, N.; Rahmianna, A.A.; Pardono; Samanhuji; Anam, C.; Yulianto (eds.). Bogor: Puslitbangtan, 2008: p. 19-47, 2 ill., 20 tables; 34 ref.
633.31/4/SEM/p

LEGUMINOSAE; CASSAVA; SWEET POTATOES; DEVELOPMENT POLICIES; INNOVATION; TECHNOLOGICAL CHANGES; PRODUCTION INCREASE; INTEGRATED CONTROL; INTEGRATED

PLANT PRODUCTION; HIGH YIELDING VARIETIES.

026 RACHMAT, M. Strategi pengembangan tanaman jahe di Indonesia. [*Strategy of ginger development in Indonesia*] / Rachmat, M. (Direktorat Budidaya Tanaman Sayuran dan Biofarmaka, Jakarta). Prosiding seminar nasional pengendalian terpadu organisme pengganggu tanaman jahe dan nilam, Bogor, 4 Nov 2008 / Rizal, M.; Wahyuno, D.; Sukanto; Wiratno; Saleh, A.; Hamidi, E.; Wizati, F. (eds.). Bogor: Balitro, 2008: p. 1-6, 2 tables.

GINGER; DEVELOPMENT POLICIES; PRODUCTION INCREASE; QUALITY; PARTICIPATION; FARMERS ASSOCIATIONS; COOPERATION; CULTURAL METHODS; POSTHARVEST TECHNOLOGY; MARKETING.

027 SUDARYANTO, T. Perkiraan kebutuhan pangan dalam periode 2010-2050. [*Estimates of the food needs in the period 2010-2050*] / Sudaryanto, T.; Kustiari; Saliem, H.P. (Pusat Penelitian Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis sumber daya lahan menuju ketahanan pangan berkelanjutan / Sumarno; Suharta, N. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 1-23, 21 tables; 14 ref.

FOODS; FOOD SECURITY; FOOD PRODUCTION; ECONOMIC SOCIOLOGY.

028 SUNANDAR, N. Peranan lembaga pembiayaan terhadap adopsi inovasi teknologi di lokasi Prima Tani Sukabumi, Jawa Barat. [*Financial institution role on technology innovation adoption in Sukabumi, West Java*] / Sunandar, N. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang). Lesson learn Prima Tani Jawa Barat: program rintisan dan akselerasi pemasyarakatan inovasi teknologi pertanian / Firdaus, D.; Nadimin.; Saefudin (eds.). Lembang-Bandung: BPTP Jawa Barat, 2009: p. 86-95, 4 ill., 2 tables.

JAVA; INNOVATION ADOPTION; RAPID RURAL APPRAISAL; AGRICULTURAL SECTOR; FINANCIAL INSTITUTIONS; TECHNOLOGY; EXTENSION ACTIVITIES.

029 SUPRIYONO. Peran strategis tanaman kacang-kacangan dan umbi-umbian bagi perekonomian Jawa Tengah. [*Strategic role of*

bean and tuber plant for Central Java economy] / Supriyono (Universitas Sebelas Maret, Surakarta. Fakultas Pertanian). Prosiding seminar nasional pengembangan kacang-kacangan dan umbi-umbian, Surakarta, 7 Aug 2008 / Saleh, N.; Rahmianna, A.A.; Pardono; Samanhuri; Anam, C.; Yulianto (eds.). Bogor: Puslitbangtan, 2008: p. 5-14, 5 tables; 30 ref. 633.31/.4/SEM/p

LEGUMINOSAE; CASSAVA; SWEET POTATOES; DEVELOPMENT POLICIES; MULTIPLE CROPPING; APPROPRIATE TECHNOLOGY; FOOD SUPPLY; ECONOMIC DEVELOPMENT; JAVA.

030 SUYAMTO. Prospek dan kebijakan pengembangan. [*Prospects and policy development of sweet potato*] / Suyamto; Sembiring, H.; Adie, M.M.; Wargiono, J. Ubijalar: inovasi teknologi dan prospek pengembangan / Wargiono, J.; Hermanto (eds.). Bogor: Puslitbangtan, 2011: p. 3-20, 1 ill., 4 tables; 39 ref.

SWEET POTATOES; FOOD PRODUCTION; RAW MATERIALS; FEEDS; PRODUCTION INCREASE; POLICIES.

031 ZAINI, Z. Pengembangan padi hibrida: dari pendekatan sentralistik ke spesifik lokasi. [*Developing rice hybrids from centralistic approach to specific approaches*] / Zaini, Z. (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Risalah seminar penelitian dan pengembangan tanaman pangan 2007-2008 / Hermanto; Adie, M.M. (eds.). Bogor: Puslitbangtan, 2009: p. 36-46, 2 ill., 2 tables; 16 ref. 631.001.6/SEM/p c2

ORYZA SATIVA; HYBRIDS; FARM INCOME; YIELD INCREASES.

E16 EKONOMI PRODUKSI / PRODUCTION ECONOMICS

032 DIREKTORAT BUDIDAYA TANAMAN SAYURAN DAN BIOFARMAKA. Road map tanaman biofarmaka: peta jalan pengembangan produksi tanaman biofarmaka tahun 2007-2020. [*Road map of medicinal plant production development in 2007-2020*] / Direktorat Budidaya Tanaman Sayuran dan

Biofarmaka, Jakarta. Jakarta: Direktorat Budidaya Tanaman Sayuran dan Biofarmaka, 2009: 28 p. 2 ill., Appendix.

DRUG PLANTS; PLANT PRODUCTION;
AGRICULTURAL DEVELOPMENT;
AGRICULTURAL POLICIES.

033 SWASTIKA, D.K.S. Potensi ekonomi. [*Economic potential of sweet potato*] / Swastika, D.K.S.; Nuryanti, S. Ubijalar: inovasi teknologi dan prospek pengembangan / Wargiono, J.; Hermanto (eds.). Bogor: Puslitbangtan, 2011: p. 21-34, 5 ill., 9 tables; 12 ref.

SWEET POTATOES; PRODUCTION;
FOOD CONSUMPTION; USES;
PROCESSED PRODUCTS; IMPORTS;
PRICES.

034 WARGIONO, J. Areal pertanaman dan sistem produksi. [*Planting area and production system*] / Wargiono, J.; Kartika; Solihin. Ubikayu: inovasi teknologi dan kebijakan pengembangan / Wargiono, J.; Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2009: p. 113-137, 3 ill., 5 tables; 29 ref.

MANIHOT ESCULENTA; FARM AREA;
DISTRIBUTION; PRODUCTION; LAND
RESOURCES; SOIL CHEMICOPHYSICAL
PROPERTIES.

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

035 ASHARI. Membangun sinergi usaha petani kentang-swasta dengan kemitraan pemasaran. [*Establishing farming system synergy of potato farmer-private sector with marketing partnership*] / Ashari (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(3) p. 15-16, 1 ill.

POTATOES; FARMING SYSTEMS;
MARKETS; MARKETING CHANNELS;
PARTNERSHIPS; FINANCING; PRIVATE
SECTOR.

036 DIANA, E. Penguatan kelembagaan unit pelayanan agribisnis. [*Strengthening of institution agribusiness services unit*] / Diana, E.; Widarjanto. Jakarta: Leuser Cita Pustaka, PT, 2010: 47 p. 19 ill., 51 tables; 13 ref.

AGROINDUSTRIAL SECTOR; SOCIAL
INSTITUTIONS.

037 DIREKTORAT BUDIDAYA
TANAMAN HIAS. Pedoman umum registrasi kebun. [*General guidelines for garden registration*] / Direktorat Budidaya Tanaman Hias, Jakarta. Jakarta: Direktorat Budidaya Tanaman Hias, 2010: 37 p.

GARDENS; REGISTRATION;
GUIDELINES.

038 OESMAN, M.R. Tuntunan, strategi dan kebijakan pengelolaan lingkungan pertanian di era globalisasi. [*Needs, strategies and policy of agricultural environment management in global era*] / Oesman, M.R. (Kementerian Lingkungan Hidup. Bidang Pengendalian Kerusakan Kawasan Budi Daya, Jakarta). Prosiding seminar nasional sumber daya lahan dan lingkungan pertanian. Buku 1, Bogor, 7-8 Nov 2007 / Subardja S., D.; Saraswati, R.; Mamat H.S.; Setyanto, P.; Setyorini, D.; Wahyunto; Noor, M.; Irawan (eds.). Bogor: BBSDLP, 2008: p. 39-45.

AGRICULTURE; ENVIRONMENT;
MANAGEMENT; POLICIES; LAND
RESOURCES; SOIL IMPROVEMENT;
RURAL COMMUNITIES;
TRANSPLANTING; SOIL
CONSERVATION.

039 SADIKIN, I. Kesejahteraan ekonomi petani Prima Tani: kasus di Desa Citarik Kabupaten Karawang, Jawa Barat. [*Farmer economic prosperity: case at Citarik Village Karawang Regency, West Java*] / Sadikin, I.; Subagyono, K. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang). Lesson learn Prima Tani Jawa Barat: program rintisan dan akselerasi pemasyarakatan inovasi teknologi pertanian / Firdaus, D.; Nadimin; Saefudin

(eds.). Lembang: BPTP Jawa Barat, 2009: p. 19-30, 1 table; 25 ref.

JAVA; SOCIOECONOMIC ENVIRONMENT; QUALITY OF LIFE; FARM INCOME; EXTENSION ACTIVITIES; JAVA.

040 SUMARNO Pengelolaan lahan sawah dan reorientasi target alih teknologi usaha tani padi di Jawa. [*Rice field management and target reorientation on technology transfer of rice farming systems in Java*] / Sumarno; Kartasasmita, U.G.; Hakim, L. (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Iptek Tanaman Pangan. ISSN 1907-4263 (2010) v. 5 (2) p. 126-145, 6 tables; 18 ref.

ORYZA SATIVA; FARM MANAGEMENT; LAND MANAGEMENT; FARMING SYSTEMS; LAND OWNERSHIP

041 ZURAIDA, R. Upaya peningkatan pendapatan usaha tani padi dan sayuran di lahan lebak Kalimantan Selatan: kasus Desa Sungai Durait Tengah Kecamatan Babirik Kabupaten Hulu Sungai Utara. *Income improvement of rice and vegetable farms in lowland of South Kalimantan: a case in Sungai Durait Tengah, Babirik Sub District, Hulu Sungai Utara Regency* / Zuraida, R.; Hamdan, A. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 128-134, 6 tables; 7 ref.

631.001.6/SEM/p c2

RICE; FARMING SYSTEMS; ORYZA SATIVA; VEGETABLE CROPS; RESEARCH; DATA ANALYSIS; PILOT FARMS; PRODUCTION POSSIBILITIES; FARM INCOME; TECHNOLOGY TRANSFER; SWAMP SOILS; KALIMANTAN.

E21 AGRO-INDUSTRI / AGRO-INDUSTRY

042 BADAN PENELITIAN DAN PENGEMBANGAN PERTANIAN. Lima tahun penelitian dan pengembangan pertanian

1997-2001. [*Five years of agricultural research and development in 1997-2001*] / Badan Penelitian dan Pengembangan Pertanian, Jakarta. Jakarta: Badan Litbang Pertanian, 2008: 117 p.

AGRICULTURAL RESEARCH; AGROINDUSTRIAL SECTOR; INNOVATION; TECHNOLOGY.

043 DIREKTORAT BUDIDAYA TANAMAN SAYURAN DAN BIOFARMAKA. Profil kawasan hortikultura kentang modasi. [*Profile of modasi potato (Modoinding, Modayag, and Passi)*] / Direktorat Budidaya Tanaman Sayuran dan Biofarmaka, Jakarta. Jakarta: Direktorat Budidaya Tanaman Sayuran dan Biofarmaka, 2009: 117 p., 4 ill., 22 tables.

POTATOES; HORTICULTURE; AGROINDUSTRIAL SECTOR; AGRICULTURAL DEVELOPMENT; SULAWESI.

044 SUYAMTO. Kebijakan pengembangan agribisnis ubikayu. [*Agribusiness development policies of cassava*] / Suyamto; Wargiono, J. Ubikayu : inovasi teknologi dan kebijakan pengembangan / Wargiono, J.; Hermanto; Suniardi (eds.). Bogor: Puslitbangtan, 2009: p. 3-22, 3 ill., 6 tables.

MANIHOT ESCULENTA; CASSAVA; FLOURS; TAPIOCA; POLICIES; IMPORTS; EXPORTS; PRODUCTION; AGROINDUSTRIAL SECTOR

045 SWASTIKA, D.K.S. Analisis keberagaman usaha rumah tangga pertanian di berbagai agroekosistem lahan marginal. *Variance analysis of agriculture household business in various agroecosystem of marginal lands* / Swastika, D.K.S.; Elizabeth, R.; Hestina, J. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 110-127, 6 tables; 22 ref.

631.001.6/SEM/p c2

AGROINDUSTRIAL SECTOR;

MARGINAL LAND; FARMING SYSTEMS;
FARM INCOME; STATISTICAL
METHODS; AGROECOSYSTEMS;
HOUSEHOLDS; INCOME; SOCIAL
WELFARE.

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

046 BAHTIAR. Preferensi dan persepsi petani terhadap varietas Sukmaraga di Daerah Istimewa Yogyakarta. [*Farmers preference and perception on Sukmaraga varieties in Yogyakarta Special Region*] / Bahtiar (Balai Penelitian Tanaman Serealia, Maros). Prosiding seminar nasional inovasi teknologi dan kelembagaan pertanian dalam upaya peningkatan pemberdayaan masyarakat, Yogyakarta, 24-25 Aug. 2007. Buku 2 / Wardhani, N.K.; Mudjisihono, R.; Masyudi, M.F.; Jama, E.; Wirianata, H.; Suroso; Hartati, R.M.; Hermantoro; Sayekti, A.S. (eds.). Bogor: BBP2TP, 2007: p. 611-616, 6 tables; 17 ref.

631.152/SEM/p bk2

ZEA MAYS; VARIETIES; SENSE; JAVA;
AGRONOMIC CHARACTERS;
CONSUMER BEHAVIOUR.

047 ILHAM, N. Dinamika kesejahteraan petani dan non petani di Indonesia: suatu analisis makro vs mikro. *Dynamics of the farmer's and non farmer's welfare in Indonesia: a macro vs micro analysis* / Ilham, N. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 59-73, 3 ill., 8 tables; 24 ref.

631.001.6/SEM/p c2

FARMERS; HOUSEHOLDS; SOCIAL
WELFARE; DATA ANALYSIS; FARM
INCOME; NONFARM INCOME; MICRO
ECONOMIC ANALYSIS; FOOD
CONSUMPTION.

048 LESTARI, S.B. Perilaku petani dalam penggunaan *sprayer* pada komoditas hortikultura di Kabupaten Bantul. [*Farmer behaviour on sprayer application in*

horticultura crops in Bantul Regency] / Lestari, S.B.; Siswanto, N.; Pustika, A.B. (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding seminar nasional inovasi teknologi dan kelembagaan pertanian dalam upaya peningkatan pemberdayaan masyarakat, Yogyakarta, 24-25 Aug. 2007. Buku 2 / Wardhani, N.K.; Mudjisihono, R.; Masyudi, M.F.; Jama, E.; Wirianata, H.; Suroso; Hartati, R.M.; Hermantoro; Sayekti, A.S. (eds.). Bogor: BBP2TP, 2007: p.663-667, 7 tables; 3 ref.

631.152/SEM/p bk2

FARMERS; BEHAVIOUR; SPRAYERS;
APPLICATION METHODS; JAVA.

049 PURWANTINI, T.B. Dampak pembangunan prasarana transportasi terhadap kesejahteraan masyarakat perdesaan: kasus Kabupaten Bulukumba Sulawesi Selatan. *Impact of transportation development on the welfare of rural community: the case of Bulukumba Regency of South Sulawesi* / Purwantini, T.B.; Rivai, R.S. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 99-109, 9 tables; 6 ref.

631.001.6/SEM/p c2

RURAL COMMUNITIES; SOCIAL
WELFARE; TRANSPORT; ECONOMIC
DEVELOPMENT; HEALTH; EDUCATION;
AGRICULTURAL PRODUCTS;
HOUSEHOLDS; FARM INCOME;
SULAWESI.

050 SADIKIN, I. Kinerja beberapa indikator kesejahteraan petani padi di perdesaan Kabupaten Karawang 2008. *Performance of several farmer's welfare economic indicators in rural area of Karawang Regency in 2008* / Sadikin, I.; Subagyono, K. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang-Bandung). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 74-98, 7 tables; 48 ref.

631.001.6/SEM/p c2

FARMERS; RICE; SOCIAL WELFARE;
MICROECONOMIC ANALYSIS; RURAL
COMMUNITIES; RURAL AREAS; FARM
INCOME; PURCHASING; FOOD
SECURITY; JAVA.

051 SALIEM, H.P. Perubahan konsumsi dan pengeluaran rumah tangga di pedesaan: analisis data Susenas 1999-2005. *Consumption change and household expenditure in rural areas: analysis of susenas data 1999-2005* / Saliem, H.P.; Ariningsih, E. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan pedesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 19-37, 8 ill., 6 tables; 15 ref. 631.001.6/SEM/Pc2

FARMERS; HOUSEHOLDS; CONSUMER
EXPENDITURE; FOOD CONSUMPTION;
FOOD SECURITY; POVERTY; DATA
ANALYSIS; RURAL SOCIOLOGY;
RURAL DEVELOPMENT.

052 SUMARYANTO. Perubahan pendapatan rumah tangga pedesaan: analisis data Patanas tahun 1995 dan 2007. *Rural household income changes: analysis of Patanas data 1995 and 2007* / Sumaryanto; Sudaryanto, T. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan pedesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 1-18, 1 ill., 7 tables; 22 ref. 631.001.6/SEM/p c2

AGRICULTURAL DEVELOPMENT;
HOUSEHOLDS; FARM INCOME; CROPS;
DATA ANALYSIS; RURAL
DEVELOPMENT; AGROECOSYSTEMS;
AGRICULTURAL PRODUCTS; SOCIAL
CHANGE.

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

053 SULISTYAWATI P.R., H. Keragaan pemasaran bawang lokal di Kabupaten Donggala. [*Marketing performance of shallot*

in Donggala Regency] / Sulistyawati P.R, H.; Hutahaean, L. (Balai Pengkajian Teknologi Pertanian, Sulawesi Tengah, Palu). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 113-121, 2 ill., 4 tables; 6 ref. 631.152:631.611/WOR/p

SHALLOTS; COMMODITY MARKETS;
MARKETING CHANNELS; RETAIL
MARKETING; CONSUMERS;
MARKETING MARGINS; SULAWESI.

054 WARDANA, I P. Hubungan harga dan kualitas beras di tingkat penggilingan dan pedagang di Provinsi Bali. *Relationship between the price and the quality of rice at the milling unit and the trader level in Bali* / Wardana, I P.; Jumali; Wibowo, P. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1047-1056, 5 tables; 7 ref.

RICE; QUALITY; PRICES; TRADE;
GRINDERS; PROCESSING; BALI.

E71 PERDAGANGAN INTERNASIONAL / INTERNATIONAL TRADE

055 BROTO, W. Prospek pengembangan buah segar untuk ekspor. [*Prospect of fresh fruit development for the export*] / Broto, W. Teknologi penanganan pascapanen buah untuk pasar / Broto, W. (eds.). Bogor: BB Pascapanen, 2009: p. 1-26, 1 ill., 6 tables; 8 ref. Appendices.

FRUITS; POSTHARVEST TECHNOLOGY;
AGRICULTURAL DEVELOPMENT;
TRADE; EXPORTS.

E80 EKONOMI RUMAH TANGGA DAN KERAJINAN TANGAN / HOME ECONOMICS, INDUSTRIES AND CRAFTS

056 AGUSTIAN, A. Analisis proporsi pendapatan dan pengeluaran rumah tangga petani padi pada beberapa agroekosistem. *Analysis of income proportion and expenditure of rice farmer household in*

several agroecosystems / Agustian, A.; Ilham, N. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastra, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 135-147, 5 tables; 11 ref. 631.001.6/SEM/p c2

ORYZA SATIVA; FARMERS;
HOUSEHOLDS; FARM INCOME;
CONSUMER EXPENDITURE; DATA
ANALYSIS; AGROECOSYSTEMS; FOOD
SECURITY; FOOD CONSUMPTION;
WETLANDS; JAVA.

F01 BUDI DAYA TANAMAN / CROP HUSBANDRY

057 DIREKTORAT BUDIDAYA
TANAMAN HIAS. Bunga potong krisan.
[*Chrysanthemums*] / Direktorat Budidaya
Tanaman Hias, Jakarta. Jakarta: Direktorat
Budidaya Tanaman Hias, 2010: 62 p., 2 tables.
Appendix.

CHRYSANTHEMUM; CULTIVATION;
POSTHARVEST TECHNOLOGY;
INTEGRATED PEST MANAGEMENT;
FARMERS; WASTE MANAGEMENT.

058 DIREKTORAT BUDIDAYA
TANAMAN HIAS. Standar operasional
prosedur budi daya heliconia. [*Standard
operating procedures of Heliconia cultivation*]
/ Direktorat Budidaya Tanaman Hias, Jakarta.
Jakarta: Direktorat Budidaya Tanaman Hias,
2010: 106 p., 1 ill., 1 table. Appendices.

HELICONIA; CULTIVATION; FIELD
PREPARATION; SEEDLINGS; PLANTING;
IRRIGATION; WEEDING;
FERTILIZATION; PRUNING; PLANT
PROTECTION; HARVESTING; GRADING;
PACKAGING; REGISTRATION;
STANDARDS.

059 DIREKTORAT BUDIDAYA
TANAMAN SAYURAN DAN
BIOFARMAKA. Profil bawang putih.
[*Profile of garlic*] / Direktorat Budidaya
Tanaman Sayuran dan Biofarmaka, Jakarta.
Jakarta: Direktorat Budidaya Tanaman

Sayuran dan Biofarmaka, 2010: 51 p., 41
tables. Appendix.

GARLIC; PLANT ANATOMY;
AGROCLIMATOLOGY; VARIETIES;
PESTS OF PLANTS; PLANT DISEASES;
QUALITY; HARVESTING; PRODUCTION;
PRODUCTIVITY; IMPORTS; EXPORTS;
DEVELOPMENT POLICIES.

060 EFFENDI, D.S. Budi daya. [*Jatropha
curcas cultivation*] / Effendi, D.S.; Mahmud,
Z.; Hariyono, B.; Djumali; Emmyzar.
Teknologi jarak pagar menjawab tantangan
krisis energi / Karmawati, E.; Ardana, I K.;
Mahmud, Z.; Siswanto; Nahrowi (eds.).
Bogor: Puslitbangbun, 2009: p. 41-55, 11 ill.,
2 tables; 12 ref.

JATROPHA CURCAS; CULTIVATION;
SEEDBEDS; SEEDLINGS; FIELD
PREPARATION; PLANTING ; WEEDING;
FERTILIZATION; PRUNING; CROPPING
PATTERNS.

061 HADAD, M. Vanili alor komoditas
unggulan NTT. [*Vanilla var. alor superior
commodity of East Nusa Tenggara*] / Hadad,
M.; Djazuli, M. (Balai Penelitian Tanaman
Rempah dan Aneka Tanaman Industri,
Pakuwon-Sukabumi). Warta Penelitian dan
Pengembangan Pertanian. ISSN 0216-4427
(2010) v. 32(5) p. 5-6, 1 ill.

VANILLA PLANIFOLIA;
PRODUCTIVITY; QUALITY; SEED; NUSA
TENGGARA.

062 HAIRMANSIS, A. *Correlation analysis
of agronomic characters and grain yield of
rice for tidal swamp areas* / Hairmansis, A.;
Kustianto, B.; Supartopo; Suwarno (Balai
Penelitian Tanaman Padi, Muara, Bogor).
Indonesian Journal of Agricultural Science.
ISSN 1411-982X (2010) v. 11(1) p. 11-15, 1
ill., 3 tables; 13 ref.

ORYZA SATIVA; AGRONOMIC
CHARACTERS; GRAIN; SWAMPS; HIGH
YIELDING VARIETIES; PROGENY.

063 HARYUDIN, W. Karakteristik morfologi
bunga kencur (*Kaempferia galanga* L.).
*Morphological characteristic of indian
galanga flower (Kaempferia galanga L.)* /
Haryudin, W.; Rostiana, O. (Balai Penelitian

Tanaman Obat dan Aromatika, Bogor). Buletin Penelitian Tanaman Rempah dan Obat. ISSN 0251-0824 (2008) v. 19(2) p. 109-116, 3 ill., 2 tables; 8 ref.

KAEMPFERIA; PLANT ANATOMY.

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FEASIBILITY STUDIES; COST
ANALYSIS.

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JATROPHA CURCAS; BIOLOGY.

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PRODUCTION; DRY FARMING; ACID
SOILS.

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CLASSIFICATION; PRODUCTIVITY.

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INCREASE; ECONOMIC ANALYSIS;
YIELD COMPONENTS;
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CULTIVATION; JAVA.

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TRADITIONAL USES; BURNING;
PASTURE IMPROVEMENT; PLANT
ESTABLISHMENT; FORAGE.

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PIPER NIGRUM; SOIL CONDITIONERS;
GROWTH; TIN; SOIL
CHEMICAL PHYSICAL PROPERTIES;
CULTURE MEDIA; LIQUID FERTILIZER;
JAVA.

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INNOVATION; TECHNOLOGY.

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LYCOPERSICON ESCULENTUM;
CULTIVATION; MULCHING; MULCHES;
PLASTICS; FRUITING; FRUITS;
QUALITY.

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STEMS; PROPAGATION MATERIALS;
CULTIVATION; GROWTH;
PROPAGATION MATERIALS.

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ALLIUM ASCALONICUM; SPECIES;
LAND VARIETIES; CULTIVATION;
AGRONOMIC CHARACTERS; GROWTH;
YIELDS; MADURA.

078 SUDJARMOKO, B. Kelayakan penerapan Good Agricultural Practices (GAP) pada usaha tani lada. *Feasibility of GAP application in black pepper cultivation* / Sudjarmoko, B.; Rivai, A.M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2011) v. 2(1) p. 1-8, 4 tables; 14 ref. Appendix.

PIPER NIGRUM; CULTIVATION;

INTENSIFICATION; APPROPRIATE TECHNOLOGY; SOSIOECONOMIC ENVIRONMENT; COST BENEFIT ANALYSIS.

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AMORPHOPHALLUS CAMPANULATUS; CULTIVATION; DRUG PLANTS; MEDICINAL PROPERTIES; TRADITIONAL MEDICINES; FOODS; HEALTH FOODS; SNACK FOODS.

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FOODS; FOOD PRODUCTION; IRRIGATED LAND; RAINFED FARMING.

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083 ADIL, W.H. Prospek perbanyakan buah kawista secara in vitro. [*Prospects of kawista fruit propagation by in vitro*] / Adil, W.H. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2010) v. 32(5) p. 8-9, 1 ill.

FERONIA LIMONIA; PLANT PROPAGATION; IN VITRO CULTURE.

084 ARDIANA, D.W. Teknik pemberian benzilaminopurin untuk memacu pertumbuhan kalus dan tunas pada kotiledon melon (*Cucumis melo* L.). [*Application technique of benzylaminopurine for stimulate callus and shoots growth on melons (Cucumis melo L.) cotyledon*] / Ardiana, D.W. (Balai Penelitian Tanaman Buah Tropika, Solok). Buletin Teknik Pertanian. ISSN 0853-8379 (2011) v. 14(2) p. 50-53, 2 ill., 1 table; 10 ref.

CUCUMIS MELO; BA; CULTURE TECHNIQUES; CALLUS; TISSUE CULTURE; CULTURE MEDIA; PLANT GROWTH SUBSTANCES; SHOOTS; COTYLEDON; PLANT RESPONSE; SUMATRA.

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HEVEA BRASILIENSIS; SEEDLINGS;
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PROPAGATION; PRODUCTIVITY.

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MANGIFERA INDICA; PLANT
PROPAGATION; TOPWORKING;
GRAFTING.

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DRUG PLANTS; SEEDLINGS; IN VITRO
CULTURE; SHOOTS; SCIONS;
EXPLANTS; PLANT PROPAGATION;
ADAPTATION.

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JATROPHA CURCAS; GERMPLASM
COLLECTIONS; PLANT PROPAGATION;
VARIETIES; SEED PRODUCTION.

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LILIUM LONGIFLORUM; TISSUE
CULTURE; CULTURE TECHNIQUES;
CULTURE MEDIA; PLANT
PROPAGATION.

090 PRIYONO Evaluasi kemampuan embriogenesis somatik pada kopi robusta (*Coffea canephora* Pierre). *Evaluation of somatic embryogenesis ability in robusta coffee (Coffea canephora Pierre)* / Priyono (Pusat Penelitian Kopi dan Kakao Indonesia, Jember). Pelita Perkebunan. ISSN 0215-0212 (2010) v. 26(2) p. 77-83, 1 ill., 5 tables; 34 ref.

COFFEA CANEPHORA; EVALUATION;
SOMATIC EMBRYOGENESIS; PLANT
PROPAGATION; ECONOMIC ANALYSIS;
PRODUCTION; GENETIC ENGINEERING;
GENOTYPES.

091 ROHAYATI, E. Teknik perbanyakan cepat Anthurium dengan induksi tunas aksiler secara in vitro. [*Rapid propagation techniques Anthurium with aksiler bud induction in vitro*] / Rohayati, E. (Balai Penelitian Tanaman Hias, Cianjur). Buletin Teknik Pertanian. ISSN 0853-8379 (2009) v. 14(1) p. 1-5, 1 ill., 2 tables; 17 ref.

ANTHURIUM; BUDDING; CULTURE
MEDIA; IN VITRO REGENERATION;
PLANT PROPAGATION.

092 ROOSTIKA, I. Kriopreservasi tanaman obat langka purwoceng dengan teknik enkapsulasi-vitrifikasi. [*Cryopreservation of Pimpinella pruatjan by encapsulation-vitrification technique*] / Roostika, I.; Rahayu, S.; Sunarlim, N. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor). Buletin Plasma Nutfah. ISSN 1410-4377 (2008) v. 14(2) p. 49-56, 7 ill., 20 ref.

PIMPINELLA; DRUG PLANTS;
BIOLOGICAL PRESERVATION;
ENCAPSULATION; VITRIFICATION;
CULTURAL METHODS; DRYING; TISSUE
CULTURE

093 SUKARMIN. Teknik penyambungan sirsak ratu (*Annona muricata* L.) dengan pemanfaatan batang bawah. [*Grafting*

technique of soursop (Annona muricata) by using rootstock] / Sukarmin (Balai Penelitian Tanaman Buah Tropika, Solok). Prosiding temu teknis nasional tenaga fungsional non peneliti, Bogor, 12-13 Aug 2009 / Budiman, H.; Priyanto, D.; Hidayati, N.; Sitompul, S.; Heliati, I. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 38-41, 1 ill., 1 table; 8 ref.

ANNONA MURICATA; VEGETATIVE PROPAGATION; GRAFTING; CUTTINGS; GROWTH; CALLUS; ROOTSTOCKS.

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MANGIFERA INDICA; VEGETATIVE PROPAGATION; GRAFTING; TOPWORKING; ROOTSTOCKS; GROWTH.

F03 PRODUKSI DAN PERLAKUAN BENIH / SEED PRODUCTION AND PROCESSING

095 ARIEF, R.W. Keragaan mutu benih padi varietas unggul baru berdasarkan standar laboratorium. *Performance of seed quality of some new improved rice varieties based on the laboratory standard* / Arief, R.W.; Mustikawati, D.R. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1093-1099, 3 tables; 7 ref.

RICE; VARIETIES; SEED; QUALITY; PRODUCTIVITY; YIELDS.

096 DIANAWATI, M. Pengembangan penangkaran benih padi di Prima Tani Kabupaten Karawang, Jawa Barat. [*Rice seed production development at Karawang Regency*] / Dianawati, M.; Sinaga, A. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang). Lesson learn Prima Tani Jawa Barat: program rintisan dan akselerasi masyarakat inovasi teknologi pertanian / Firdaus, D.; Nadimin.; Saefudin (eds.).

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ORYZA SATIVA; SEED; CULTIVATION; QUALITY; HYBRIDS; SEED PRODUCTION; EXTENSION ACTIVITIES; JAVA.

097 MULSANTI, I.W. Pengaruh perbedaan kelas benih terhadap produktivitas padi varietas Ciherang dan IR64. *Influence of different seed classes to the irrigated rice productivity of Ciherang and IR64* / Mulsanti, I.W.; Wahyuni, S. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1101-1110, 3 tables; 17 ref.

ORYZA SATIVA; VARIETIES; SEED; PRODUCTIVITY; YIELDS; JAVA.

098 SUGANDI, D. Implementasi model PTT padi gogo rancah pada lahan sawah tadah hujan di lokasi Prima Tani Kabupaten Indramayu, Jawa Barat. [*Implementation of rainfed rice integrated plant management model at Indramayu Regency*] / Sugandi, D.; Sunandar, B.; Histifarina, D. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang). Lesson learn Prima Tani Jawa Barat: program rintisan dan akselerasi masyarakat inovasi teknologi pertanian / Firdaus, D.; Nadimin.; Saefudin (eds.). Lembang: BPTP Jawa Barat, 2009: p. 11-18, 2 tables; 7 ref.

ORYZA SATIVA; VARIETIES; INTEGRATED PLANT PRODUCTION; RAINFED FARMING; PRODUCTIVITY; EXTENSION ACTIVITIES; JAVA.

099 SUKRISTIYONUBOWO. Pengaruh pemberian jerami padi terhadap produksi padi pada sistem sawah berteras. *Effect of rice straw addition on rice production in terraced paddy field systems* / Sukristiyonubowo; Tuherkih, E. (Balai Penelitian Tanah, Bogor). Jurnal Penelitian Pertanian Tanaman Pangan. ISSN 0216-9959 (2009) v. 28(3) p. 139-148, 14 tables; 31 ref.

ORYZA SATIVA; RICE STRAW; TECHNOLOGY; TERRACE CROPPING; YIELD COMPONENTS; BIOMASS; PRODUCTION INCREASE.

100 UDIN, S. Kompatibilitas kinerja ruang pengujian daya berkecambah dengan standard germinator cabinet dalam pengujian mutu benih. *Compatibility of room germinator with standard germinator cabinet in seed testing* / Udin, S.; Nugraha; Astanto. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1111-1123, 4 ill., 3 tables; 8 ref.

ORYZA SATIVA; GERMINATION; SEED TESTING; QUALITY; CHEMICO PHYSICAL PROPERTIES; YIELDS.

101 WAHYUNI, S. Evaluasi konsentrasi dan jenis larutan kimia untuk pematangan dormansi benih padi. *Study on the chemical solution for breaking dormancy of rice seeds* / Wahyuni, S. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1081-1091, 4 tables; 16 ref.

ORYZA SATIVA; SEED; VARIETIES; SOAKING; DORMANCY; BREAKING; GERMINABILITY.

102 WARDIANA, E. Respon pertumbuhan dan tingkat toleransi pembibitan beberapa varietas lada terhadap lamanya cekaman air. *Respons of growth and tolerance level of seedling of some pepper varieties of water stress* / Wardiana, E.; Sunarya, A.; Saefudin, M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2011) v. 2(1) p. 29-36, 5 tables; 26 ref.

PIPER NIGRUM; VARIETIES; SEEDLINGS; GROWTH; DROUGHT STRESS; ADAPTATION; PROLINE; WATER ANALYSIS.

103 YASIN H.G., M. Varietas unggul jagung bermutu protein tinggi. [*High yielding varieties of quality protein maize (QPM)*] / Yasin H.G., M.; Syuryawati (Balai Penelitian Tanaman Serealia, Maros); Kasim, F. Iptek Tanaman Pangan. ISSN 1907-4263 (2010) v.5 (2) p. 146-158, 26 ref.

ZEA MAYS; MAIZE; PROTEIN QUALITY; VARIETIES; SEEDS; PROXIMATE COMPOSITION

F04 PEMUPUKAN / FERTILIZING

104 ADIANDRI, R.S. Pengaruh pupuk terhadap produksi rendemen, dan mutu beras giling, studi kasus di dua kelompok tani di Kabupaten Grobogan Jawa Tengah. *Effect of fertilizers on the production, recovery, and the quality of milled rice: a case study of two farmer's group in Grobogan District, Central Java Province* / Adiandri, R.S.; Nugraha, S. Prosiding seminar nasional hasil penelitian padi 2009. Buku 3, Sukamandi, 28 Okt 2009 / Setyono, A.; Indrasari, S.D.; Agus, S.Y. (eds.). Sukamandi: BB Padi, 2010: p. 1033-1046, 4 tables; 13 ref.; Appendix.

ORYZA SATIVA; FERTILIZER APPLICATION; NPK FERTILIZERS; COMBINATION PRODUCTION; QUALITY; YIELDS.

105 ANGRIANI, E. Teknik percobaan pemberian beberapa sumber unsur P pada tanaman melon (*Cucumis melo L.*). [*Trial technique of some source of phosphorus application on melon (Cucumis melo L.)*] / Angriani, E. (Balai Penelitian Tanaman Buah Tropika, Solok). Buletin Teknik Pertanian. ISSN 0853-8379 (2011) v. 14(2) p. 54-57, 3 ill., 1 table; 9 ref.

CUCUMIS MELO; PHOSPHATE FERTILIZERS; ORGANIC FERTILIZERS; ROCK PHOSPHATE; PSEUDOMONAS; PLANT NURSERIES; GROWTH.

106 DJAJADI. Pengaruh pupuk majemuk terhadap hasil dan mutu tembakau virginia di Bondowoso, Jawa Timur. *Effect of compound fertilizer on yield and quality of virginia tobacco in light soil, Bondowoso, East Java* / Djajadi (Balai Penelitian Tanaman Tembakau dan Serat, Malang). Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2008) v. 14(3) p. 95-100, 7 tables; 10 ref.

NICOTIANA TABACUM; COMPOUND FERTILIZERS; BIOACCUMULATION; NUTRIENT UPTAKE; QUALITY; LEAF AREA; YIELDS; SANDY SOILS.

107 DJAZULI, M. Optimasi pemupukan untuk peningkatan produksi dan mutu purwoceng. [*Optimizing fertilizer application to increase production and quality of pruatjan*] / Djazuli, M.; Maslahah, N. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Laporan teknis penelitian T.A. 2008 Balai Penelitian Tanaman Obat dan Aromatik / Supriadi; Sukamto; Rizal, M.; Hadipoentyanti; Mauludi, L.; Wahyuno, D.; Saleh, A.; Muchtar (eds.). Bogor: Balitro, 2009: p. 178-188, 8 tables; 9 ref. 633.88.001.57/BAL/1

PIMPINELLA; FERTILIZER APPLICATION; NPK FERTILIZERS; PRODUCTION; PROXIMATE COMPOSITION.

108 DJAZULI, M. Penggunaan pupuk untuk meningkatkan produksi dan kadar artemisinin pada *Artemisia annua*. [*Fertilizer application for increasing production and artemisinin content of Artemisia annua*] / Djazuli, M.; Maslahah, N. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Laporan teknis penelitian T.A. 2008: Balai Penelitian Tanaman Obat dan Aromatik / Supriadi; Sukamto; Rizal, M.; Hadipoentyanti; Mauludi, L.; Wahyuno, D.; Saleh, A.; Muchtar (eds.). Bogor: Balitro, 2009: p. 146-154, 6 tables; 13 ref. 633.88.001.57/BAL/1

ARTEMISIA ANNUA; ARTEMISININ; FERTILIZER APPLICATION; NPK FERTILIZERS; GROWTH; PRODUCTION; NUTRITIONAL STATUS.

109 KOESRINI. Peningkatan pertumbuhan dan hasil kacang tanah dengan ameliorasi dan pemupukan P di atas guludan surjan pada lahan di kawasan rawa PLG. [*Improving growth and yield of peanuts with the amelioration and fertilizer P on guludan surjan the area of swamp land PLG*] / Koesrini; Susilawati, A. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 4: teknologi pengelolaan lahan rawa, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 101-108, 3 tables; 17 ref.

ARACHIS HYPOGAEA; PHOSPHATE FERTILIZERS; DOLOMITE; PLANT

RESPONSE; GROWTH; YIELD COMPONENTS; SWAMP SOILS.

110 KUSAERI, A. Pemanfaatan kotoran kambing sebagai pupuk bokashi di lokasi Prima Tani Malang. [*Utilization of goat manure as bokashi fertilizer in Malang*] / Kusaeri, A. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 25-30, 5 tables; 3 ref.

JAVA; FARMERS ASSOCIATIONS; INNOVATION; WASTE UTILIZATION; FARMYARD MANURE; BIODEGRADATION; MICROORGANISMS; COMPOSTING; PROFITABILITY.

111 NAJIB, M. Peningkatan produktivitas tanah sulfat masam aktual melalui pengelolaan amelioran pada tanaman sayuran. [*Improving actual acid sulphate soil productivity through crop management on vegetables amelioran*] / Najib, M.; Saleh, M.; Azzahra, F. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 4: teknologi pengelolaan lahan rawa, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 109-114, 4 tables; 6 ref.

PHASEOLUS VULGARIS; VIGNA UNGUICULATA CYLINDRICA; SOLANUM MELONGENA; SOIL MANAGEMENT; SOIL FERTILITY; FARMYARD MANURE; LIMING MATERIALS; PLANT RESPONSE; SOIL TYPES.

112 NUGRAHA, S. Pengaruh aplikasi pola pemupukan terhadap kualitas beras dan rendemen beras giling. [*Effect of fertilizer application to rice quality and rice milling recovery*] / Nugraha, S.; Adiandri, R.S. (Balai Besar Pascapanen Pertanian, Bogor); Sardjana. Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y.

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633.18-115.2/SEM/i bk4

ORYZA SATIVA; FERTILIZER APPLICATION; APPLICATION RATES; DOSAGE; NUTRIENT AVAILABILITY; YIELD COMPONENTS; QUALITY; MILLING.

113 SOLIHAT, L. Aplikasi pupuk anorganik terhadap produksi biji tanaman jarak pagar (*Jatropha curcas* L.). [*Inorganic fertilizer application on Jatropha curcas seed production*] / Solihat, L.; Sunarya, A. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 71-75, 1 tables; 11 ref.

JATROPHA CURCAS; NPK FERTILIZERS; DOSAGE; FERTILIZER APPLICATION; APPLICATION RATES; SEED; PRODUCTION INCREASE.

114 TEDJASARWANA, R. Kultivar dan formula pupuk pada pertumbuhan bunga potong anthurium. *Cultivars and fertilizer formula on the growth of anthurium cut flower* / Tedjasarwana, R.; Wuryaningsih, S. (Balai Penelitian Tanaman Hias, Cianjur). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(2) p. 164-173, 4 tables; 16 ref.

ANTHURIUM ANDRAEANUM; VARIETIES; FORMULATIONS; FERTILIZER APPLICATION; APPLICATION RATES; GROWTH; CROP PERFORMANCE; AGRONOMIC CHARACTERS; CUT FLOWER PRODUCTION.

F06 IRIGASI / IRRIGATION

115 HARAHAHAP, D. Efisiensi pemberian air dan mulsa pada budi daya cabai di dataran tinggi Tapanuli Utara. [*Efficiency of watering and mulch on chilli cultivation in the highland of North Tapanuli*] / Harahap, D. (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan); Fauzi, E. Prosiding workshop regional perbaikan lahan pasca tsunami dan pengembangan tanaman sayuran, Banda

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CAPSICUM ANNUUM; WATERING; MULCHES; CULTIVATION; EFFICIENCY; WATER USE; SOIL TEMPERATURE; HUMIDITY; YIELDS; HIGHLANDS; SUMATRA

116 SUTONO, S. Teknik irigasi diminati petani bawang Donggala. [*Irrigation technique in shallot farming at Donggala, Central Sulawesi*] / Sutono, S. (Balai Penelitian Tanah, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(6) p. 1-3, 2 ill., 1 table.

ALLIUM ASCALONICUM; FARMERS; SPRINKLER IRRIGATION; YIELDS; ECONOMIC ANALYSIS; SULAWESI.

F07 PENGOLAHAN TANAH / SOIL CULTIVATION

117 NAJIB, M. Produktivitas tiga varietas kedelai pada lahan pasang surut tipe luapan C yang diberi mulsa. [*Productivity of three soybean varieties in mulches in tidal land*] / Najib, M.; Nurzakiah, S.; Muhammad (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 4: teknologi pengelolaan lahan rawa, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 115-119, 2 tables; 11 ref.

GLYCINE MAX; VARIETIES; MULCHES; PLANT RESPONSE; PRODUCTIVITY SOIL TYPES; TIDES; DRY SEASON.

F08 POLA TANAM DAN SISTEM PERTANAMAN / CROPPING PATTERNS AND SYSTEMS

118 SUKARJO. Kajian usaha tani lahan kering jagung dan kacang tanah di bawah pohon kelapa di Desa Kumbasa, Kecamatan. Sindue, Kabupaten. Donggala. [*Assessment of dryland farming system of maize and groundnut under coconut plantation in Kumbasa Village, Sindue, Donggala*] / Sukarjo; Khairani, C. (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Palu).

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631.152:631.611/WOR/p

ZEA MAYS; ARACHIS HYPOGAEA;
INTERCROPPING; UNDERPLANTING;
SPACING; FARMING SYSTEMS;
TECHNOLOGY TRANSFER; DRY
FARMING; YIELD COMPONENTS; LAND
PRODUCTIVITY; SULAWESI.

119 SYAFRUDDIN. Modifikasi sistem pertanaman jagung dan pengolahan brangkasan untuk meningkatkan pendapatan petani di lahan kering. *Modification of maize cropping system and crop residual processing to increase farmers income in upland* / Syafruddin (Balai Teknologi Pengkajian Pertanian Sulawesi Tengah, Palu). Jurnal Penelitian dan Pengembangan Pertanian. ISSN 0216-4418 2011 v. 30(1) p. 16-22, 3 ill., 6 tables; 34 ref

ZEA MAYS; CROPPING SYSTEMS;
BYPRODUCTS; PROCESSING; STORAGE;
FARM INCOME; UPLAND SOILS;
ECONOMIC ANALYSIS.

F30 GENETIKA DAN PEMULIAAN TANAMAN / PLANT GENETICS AND BREEDING

120 SANTOSO, T.J. Konstruksi kandidat gen AVI Begomovirus pada pBI121 dan introduksinya kedalam tembakau menggunakan vektor *Agrobacterium tumefaciens*. *Contruction of begomovirus AVI gene candidate into pBI121 and its introduction into tobacco by using Agrobacterium tumefaciens vector* / Santoso, T.J.; Herman, M. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor); Hidayat, S.H.; Aswidinnoor, H.; Sudarsono. Jurnal Agro Biogen. ISSN 1907-1094 (2011) v. 7(1) p. 9-18, 7 ill., 1 tables; 24 ref.

NICOTIANA TABACUM; GENE
TRANSFER; GENETIC RESISTANCE;
MICROBIAL PROTEINS; GENETIC
VECTORS; AGROBACTERIUM
TUMEFACIENS; PCR; GENETIC
TRANSFORMATION.

121 ABDULLAH, B. Seleksi silang berulang dan kultur anthera untuk perakitan varietas padi. [*Repeated crossing selection and anther culture for rice varieties breeding*] / Abdullah, B.; Sularjo; Safitri, H.; Lestari, A.P. (Balai Besar Penelitian Tanaman Padi, Sukamandi); Dewi, I.S.; Apriana, A.; Sisharmini, A. Risalah seminar penelitian dan pengembangan tanaman pangan 2007-2008 / Hermanto; Adie, M.M. (eds.). Bogor: Puslitbangtan, 2009: p. 1-14, 7 tables; 10 ref.
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ORYZA SATIVA; VARIETIES;
CROSSBREDS; SELECTION; ANTHHER
CULTURE.

122 AIDI-DASLIN Potensi keunggulan klon karet harapan IRR seri 200 dari hasil seleksi pohon induk. *Potency of promising rubber clones IRR 200 series from ortet selection* / Aidi-Daslin; Sayurandi; Pasaribu, S.A. (Pusat Penelitian Karet, Medan). Jurnal Penelitian Karet. ISSN 0852-808X (2010) v. 28(1) p. 1-10, 6 tables; 11 ref.

HEVEA BRASILIENSIS; CLONES;
GENOTYPES; HIGH YIELDING
VARIETIES; LATEX; WOODS; PLANT
BREEDING.

123 APRIANA, A. Introduksi konstruk over-ekspressi kandidat gen OsWRKY76 melalui *Agrobacterium tumefaciens* pada tanaman padi nipponbare. *Delivering of over-expression construct OsWRKY76 candidate gene in rice cv. nipponbare through Agrobacterium tumefaciens* / Apriana, A.; Sisharmini, A.; Enggarini, W.; Trijatmiko, K.R. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor); Sudarsono; Khumaida, N. Jurnal Agro Biogen. ISSN 1907-1094 (2011) v. 7(1) p. 19-27, 8 ill., 1 table; 20 ref.

ORYZA SATIVA; CLONES; PLANT
INTRODUCTION; GENE EXPRESSION;
AGROBACTERIUM TUMEFACIENS;
GENETIC TRANSFORMATION; CALLUS;
GENETIC RESISTANCE;
MAGNAPORTHE GRISEA.

124 ARDIANA, D.W. Teknik isolasi DNA genom tanaman pepaya dan jeruk dengan menggunakan modifikasi bufer CTAB. [*Genomic DNA isolation techniques papaya*

(*Carica papaya*) and citrus plants using modified CTAB buffer] / Ardiana, D.W. (Balai Penelitian Tanaman Buah Tropika, Solok). Buletin Teknik Pertanian. ISSN 0853-8379 (2009) v. 14(1) p. 12-16, 5 ill., 1 table; 12 ref.

CARICA PAPAYA; CITRUS; GENOMES; DNA; ISOLATION TECHNIQUES; RAPD; LEAVES; TISSUE ANALYSIS; GENETIC RESOURCES.

125 ARIEF, R.W. Uji organoleptik nasi beberapa varietas padi hibrida dan padi varietas unggul baru. *Organoleptic test of some hybrid rice varieties and new high yielding rice varieties* / Arief, R.W.; Ernawati, R.; Irawati, A. (Balai Pengkajian Teknologi Pertanian, Lampung). Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1473-1480, 1 ill., 3 tables; 8 ref. 633.18-115.2/SEM/i bk4

RICE; HYBRIDS; HIGH YIELDING VARIETIES; ORGANOLEPTIC PROPERTIES; CONSUMER BEHAVIOUR.

126 ARYANTI. Potensi hasil dan kandungan pati galur mutan ubi jalar sari pada lokasi berbeda. *Yield potential and starch content of sari sweet potato mutant lines at different locations* / Aryanti; Yuniawati, M.; Jusuf, M. (Pusat Aplikasi Teknologi Isotop dan Radiasi, Jakarta). Jurnal Ilmiah Aplikasi Isotop dan Radiasi. ISSN 1907-0322 (2010) v. 6 (2) p. 132-138, 5 tables; 11 ref.

IPOMOEA BATATAS; SWEET POTATOES; STARCH; CARBOHYDRAT CONTENT; INDUCED MUTATION; MUTANS; AGRONOMIC CHARACTERS; YIELDS.

127 DEVY, N.F. Kemampuan regenerasi kalus segmen akar pada beberapa klon bawang putih lokal secara in vitro. *Regeneration capacity of callus-derived from root segments of several local garlic clones* / Devy, N.F.; Hardiyanto (Balai Penelitian Tanaman Jeruk dan Buah Subtropika, Malang). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(1) p. 6-13, 5 ill., 4 tables; 18 ref.

ALLIUM SATIVUM; IN VITRO CULTURE; CALLUS; IN VITRO REGENERATION; ROOTS; GENETIC TRANSFORMATION.

128 DEWI, I.S. Karakterisasi galur haploid ganda hasil kultur antera padi. [*Characterization of doubled-haploid lines from rice anther culture*] / Dewi, I.S. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor); Trilaksana, A.C.; Koesoemaningtyas, T.; Purwoko, B.S. Buletin Plasma Nutfah. ISSN 1410-4377 (2009) v. 15(1) p. 1-12, 2 ill., 10 tables; 26 ref.

ORYZA SATIVA; PROGENY; HAPLOIDY; ANTHHER CULTURE; RECIPROCAL CROSSING; PLANT ANATOMY; AGRONOMIC CHARACTERS.

129 DWIATMINI, K. Induksi mutasi kecombrang (*Etilingera elatior*) menggunakan iradiasi sinar gamma. *Mutation induction of Etilingera elatior using gamma ray irradiation* / Dwiatmini, K.; Kartikaningrum, S.; Sulyo, Y. (Balai Penelitian Tanaman Hias, Cianjur). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(1) p. 1-5, 3 ill., 2 tables; 11 ref.

ZINGIBERACEAE; INDUCED MUTATION; GENETIC VARIATION; GAMMA IRRADIATION; PLANT RESPONSE; DIMENSIONS; IONIZING RADIATION.

130 GASWANTO, R. Seleksi tanaman tomat berdasarkan ketahanan pasif dan aktif terhadap CMV. *Tomato selection based on passive and active resistancy to CMV* / Gaswanto, R.; Gunaeni, N.; Duriat, A.S. (Balai Penelitian Tanaman Sayuran, Lembang). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(4) p. 377-385, 8 tables; 16 ref.

LYCOPERSICON ESCULENTUM; CUCUMBER MOSAIC CUCUMOVIRUS; PLANT DISEASES; DISEASE RESISTANCE; SELECTION.

131 HADIATI. Pengelompokan dan jarak genetik plasma nutfah nenas berdasarkan karakter morfologi. *Clustering and genetic distance of some pineapples germplasm collection based on morphological characters* / Hadiati, S.; Yulianti, S.; Sukartini (Balai

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ANANAS COMOSUS; GERMPLASM;
PINEAPPLES; GENETICS DISTANCE;
HYBRIDIZATION; AGRONOMIC
CHARACTERS; PLANT ANATOMY.

132 HAIRMANSIS, A. *Genetic study of international rice blast differential varieties using molecular marker* / Hairmansis, A. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang); Yanoria, M.J.T.; Kobayashi, N.; Fukuta, Y. Risalah seminar penelitian dan pengembangan tanaman pangan 2007-2008 / Hermanto; Adie, M.M. (eds.). Bogor: Puslitbangtan, 2009: p. 47-62, 1 ill., 6 tables; 17 ref.
631.001.6/SEM/p c2

ORYZA SATIVA; BLIGHT; GENETIC
MARKERS.

133 HERWINARNI E.M. Preferensi pengunjung Soropadan Agro Expo terhadap keragaan beberapa padi varietas unggul baru dan varietas unggul tipe baru. *Soropadan Agro Expo visitors' preferences to the performances of new high yielding varieties and new plant type of rice* / Herwinarni, E.M.; Ekaningtyas K.; Hariyanto, W. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1405-1415, 1 ill., 7 tables; 11 ref.
633.18-115.2/SEM/i bk4

RICE; HIGH YIELDING VARIETIES; NEW
SPECIES; CHOICE OF SPECIES; CROP
PERFORMANCE; ORGANOLEPTIC
PROPERTIES; CONSUMER BEHAVIOUR.

134 HIPI, A. Kajian potensi beberapa varietas unggul jagung hibrida di Lombok Timur Nusa Tenggara Barat. [*Assessment of the potential of some hybrid maize high yielding varieties in East Lombok, West Nusa Tenggara*] / Hipi, A.; Erawati, B.T.R.; Inggah, N. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto,

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631.152:631.611/WOR/p

ZEA MAYS; VARIETY TRIALS;
HYBRIDS; HIGH YIELDING VARIETIES;
CULTURAL METHODS; TECHNOLOGY
TRANSFER; AGRONOMIC
CHARACTERS; PRODUCTIVITY; FARM
INCOME; INPUT OUTPUT ANALYSIS;
NUSA TENGGARA.

135 IHSAN, F. Teknik seleksi zuriat F1 jeruk bertekstur renyah berdasarkan aktivitas enzim phenilalanin amonialiase. [*Selection technique of F1 progeny of citrus with crispy texture based on phenylalanine ammonyalase enzyme activity*] / Ihsan, F.; Sukarmin (Balai Penelitian Tanaman Buah Tropika, Solok). Buletin Teknik Pertanian. ISSN 0853-8379 (2010) v. 15 (1) p. 6-9, 1 ill., 3 tables; 8 ref.

CITRUS; VARIETIES; PROGENY;
SELECTION; ENZYME ACTIVITY;
PHENYLALANINE AMMONIALYASE

136 IKRARWATI. Penerapan inovasi teknologi perbenihan padi di pinggiran Kota Jakarta. *Application of rice seed breeding technology in Jakarta City outskirts* / Ikrarwati; Suwandi; Sugiartini, E. (Balai Pengkajian Teknologi Pertanian Jakarta). Prosiding seminar nasional dan workshop perbenihan dan kelembagaan, Yogyakarta, 10-11 Nop 2008 / Basuki; Kismantoroaji, T.; Suryawati, A.; Dewantoro, V.; Lagiman; Arumsari, V.; Rini, W.D.E.; Murdiyanto, E.; Wahyurini, E.; Suprihanti, A.; Nurngani (eds.). Yogyakarta: UPN Veteran, 2008: p. 8-14, 3 tables; 13 ref.
631.53.02/SEM/p

ORYZA SATIVA; RICE; SEED;
BREEDERS SEED; COST BENEFIT
ANALYSIS; INNOVATION ADOPTION;
TECHNOLOGY.

137 IRIANI, E. Keragaan hasil jagung hibrida Badan Litbang Pertanian varietas Bima di Desa Wulung, Kecamatan Randublatung, Kabupaten Blora. [*Yield performance of hybrid maize var. Bima in Wulung Village, Randublatung, Blora*] / Iriani, E.; Wulanjari, M.E.; Handoyo, J. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim,

F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 47-56, 3 ill., 5 tables; 5 ref.
631.152:631.611/WOR/p

ZEA MAYS; HYBRIDS; INTRODUCED VARIETIES; AGRONOMIC CHARACTERS; YIELD COMPONENTS; ECONOMIC ANALYSIS; JAVA.

138 JUSUF, M. Konservasi plasma nutfah. [*Germplasm conservation of sweet potato*] / Jusuf, M.; Hanarida, I.; Minantyorini; Wahyuni, T.S.; Rahayuningsih, S.A.; Tjintokohadi. Ubijalar: inovasi teknologi dan prospek pengembangan. Bogor: Puslitbangtan, 2011: p. 72-87, 5 tables; 15 ref.

IPOMOEA BATATAS; GERMPLASM COLLECTIONS; GERMPLASM CONSERVATION; PLANT MORPHOLOGY; HIGH YIELDING VARIETIES.

139 KADIR, T.S. Evaluasi ketahanan populasi haploid ganda silangan IR64 dan *Oryza rufipogon* terhadap hawar daun bakteri pada stadia bibit. [*Evaluation of resistance of double haploid population of crosses between IR64 and Oryza rufipogon against bacterial blight (BLB) at seedling storage*] / Kadir, T.S. (Balai Besar Penelitian Tanaman Padi, Sukamandi); Hanarida, I.; Utami, D.W.; Koerniati, S.; Ambarwati, A.D.; Apriana, A.; Sisharmini, A. Buletin Plasma Nutfah. ISSN 1410-4377 (2009) v. 15(1) p. 13-19, 3 ill., 2 tables; 21 ref.

ORYZA SATIVA; ORYZA RUFIPOGON; HAPLOIDY; CROSSBREDS; PROGENY TESTING; DISEASE RESISTANCE; XANTHOMONAS ORYZAE; SEEDLINGS; PLANT RESPONSE.

140 LABBANG, A. Teknik skrining ketahanan galur/varietas padi sawah terhadap penyakit tungro. [*Screening technique of paddy lines/varieties resistance to tungro disease*] / Labbang, A. (Loka Penelitian Penyakit Tungro, Lanrang-Maros). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 11-13, 7 ref. Appendix.

ORYZA SATIVA; IRRIGATED RICE; SELECTION; PROGENY TESTING; DISEASE RESISTANCE; TUNGRO DISEASE; VECTORS.

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PLANT REPRODUCTIVE ORGANS;
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IDENTIFICATION; GENETIC MARKERS.

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MICROSATELLITES; GENETICS
MARKERS; AGRONOMIC CHARACTERS;
GENETIC DISTANCE; PLANT
PROTECTION

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PARAMETERS; FLOWERING;
AGRONOMIC CHARACTERS; GENE
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AGRONOMIC CHARACTERS.

147 PRIYONO. Identifikasi kuantitatif trait loci penentu karakter pertumbuhan vegetative *Coffea canephora*. *Identification of quantitative trait loci determining vegetative growth traits in Coffea canephora* / Priyono; Sumirat, U. (Pusat Penelitian Kopi dan Kakao, Jember); Crouzillat, D. Pelita Perkebunan. ISSN 0215-0212 (2011) v. 27(3) p. 150-167, 1 ill., 5 tables; 36 ref.

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INHERITANCE; QUANTITATIVE
GENETICS; LOCI; GENETIC
ENGINEERING; GENETIC MARKERS;
AGRONOMIC CHARACTERS; PLANT
VEGETATIVE ORGANS; PLANT
GROWTH.

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GENETIC ENGINEERING; INTRODUCED
VARIETIES; SELECTION; IN VITRO
CULTURE; GENETIC
TRANSFORMATION; EXPLANTS; PCR.

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ORYZA SATIVA; LAND VARIETIES;
VARIETY TRIALS; GERMPLASM

CONSERVATION; YIELD COMPONENTS;
CHEMICAL PHYSICAL PROPERTIES;
ORGANOLEPTIC PROPERTIES;
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MUTATION; SOMACLONAL
VARIATION; EMS; AGRONOMIC
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VARIETIES; PRODUCTIVITY;
SEEDLINGS.

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PERONOSCLEROSPOA;
MICROSATELLITES; GENETIC
MARKERS; PCR; GENETIC RESISTANCE.

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YIELDING VARIETIES; OPEN
POLLINATION; CROPPING SYSTEMS;
AGRONOMIC CHARACTERS; JAVA.

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PROXIMATE COMPOSITION; PLANT
ANATOMY.

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GERMPLASM COLLECTIONS; GENETIC
RESISTANCE; PHOSPHORUS; NUTRIENT
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FERTILITY; IRRIGATED SOILS.

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VARIETIES; AGRONOMIC
CHARACTERS; GROWTH; YIELD
COMPONENTS

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ALUMINIUM; TOLERANCE; ACID SOILS.

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BREEDING; RAW MATERIALS;
GERMPLASM; USES; PLANT
INTRODUCTION; GERMPLASM
CONSERVATION; SEED COLLECTIONS;
AGRONOMIC CHARACTERS;
INTERSPECIFIC HYBRIDIZATION;
INTRASPECIFIC HYBRIDIZATION;
SELECTION; PLANT ESTABLISHMENT;
HIGH YIELDING VARIETIES.

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MYRISTICA FRAGRANS; GERMPLASM;
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ORYZA SATIVA; GENOTYPES;
SELECTION; AGRONOMIC
CHARACTERS; HYBRIDS.

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TECTONA GRANDIS; GENETIC
TRANSFORMATION; GENETIC
ENGINEERING; AGROBACTERIUM
TUMEFACIENS; GENE EXPRESSION; IN
VITRO REGENERATION.

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ALEURITES MOLUCCANA; ACACIA
MANGIUM; ALSTONIA; PTEROCARPUS
INDICUS; SWIETENIA; CALOPHYLLUM;
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VARIETIES; GENETICS; PLANT
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GROWTH; PRODUCTION;
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ARBUSCULAR MYCORRHIZAE; TIN;
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FUNGAL MORPHOLOGY; ROOTING;
JAVA.

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IDENTIFICATION; GERMINABILITY;
VIGOUR; AGRONOMIC CHARACTERS;
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THEOBROMA CACAO; SEED;
STORAGE; ACIDS; VIABILITY;
GERMPLASM; DRYING ; ABSORPTION;
SEED MOISTURE CONTENT; PLANT
ANATOMY.

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ORGANS; TROPICAL FRUITS; QUALITY;
YIELDS.

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CONTROL; LARVAE; SOAKING;
INSECTICIDES; DOSAGE; MORTALITY.

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NILAPARVATA LUGENS; PESTS OF PLANTS; PEST CONTROL.

H20 PENYAKIT TANAMAN / PLANT DISEASES

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

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RICE; HARVESTING LOSSES;
IRRIGATED LAND; DRY FARMING.

218 RATULE, M.T. Mutu giling beberapa varietas padi di Sulawesi Tenggara: studi kasus di lokasi Prima Tani Karandu, Kabupaten Konawe. *Milling quality of hulled rice in Southeast Sulawesi: a case study at Prima Tani area in Karandu, Konawe District* / Ratule, M.T.; Abidin, Z.; Wahab, A. (Balai Pengkajian Teknologi Pertanian Sulawesi Tenggara, Kendari). Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1489-1495, 2 tables; 10 ref. 633.18-115.2/SEM/i bk4

RICE; VARIETIES; MILLING; QUALITY;
RICE HUSKS; POSTHARVEST DECAY;
CONSUMER BEHAVIOUR; SULAWESI.

219 SUTRISNO. Potensi gabah varietas unggul baru Cigeulis dalam menghasilkan beras giling bermutu baik. *Potency of the new superior rice variety of Cigeulis for rice quality production* / Sutrisno; Achmad, D.R. (Balai Besar Penelitian Tanaman Padi, Sukamandi); Raharjo, B. Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1517-1524, 1 ill., 6 tables; 7 ref. 633.18-115.2/SEM/i bk4

RICE; HIGH YIELDING VARIETIES; RICE
HUSKS; MILLING; QUALITY; DRYING;
MOISTURE CONTENT; DRYERS.

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

220 DJAJANEGARA, I. *Protoplast fusion between white and brown oyster mushrooms* / Djajanegara, I.; Masduki, A. (Badan Pengkajian dan Penerapan Teknologi,

Serpong). Indonesian Journal of Agricultural Science. ISSN 1411-982X (2010) v. 11(1) p. 16-23, 4 ill., 2 tables; 31 ref.

PLEUROTUS FLORIDA; PLEUROTUS
CRYSTIDIOSUS; PROTOPLAST FUSION;
KEEPING QUALITY; PRODUCTIVITY.

221 KHAIRANI, C. Teknologi pengolahan ubi kayu, ubi jalar dan pisang. [*Processing technology of cassava, sweet potato and banana*] / Khairani, C.; Yogi P.R. Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Palu. Palu: BPTP Sulteng, 2009: 57 p., Bibliografi p. 27-37. Appendix.

CASSAVA; SWEET POTATOES;
BANANAS; PROCESSING;
POSTHARVEST TECHNOLOGY.

222 NUGRAHA, S. Mengatasi kerusakan bawang merah pada panen musim hujan. [*Overcoming shallot damage on rainy season harvesting*] / Nugraha, S.; Yulianingsih (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(3) p. 3-5, 2 ill., 2 tables.

SHALLOTS; HARVESTING; DRYING;
STORAGE; YIELDS; QUALITY;
POSTHARVEST TECHNOLOGY;
ECONOMIC ANALYSIS.

223 NUGRAHA, S. Mengeringkan kedelai saat musim hujan dengan instore drying. [*Drying of soybean during the rainy season by instore drying*] / Nugraha, S.; Adiandri, R.S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2010) v. 32(5) p. 7-8, 3 ill.,

SOYBEANS; DRYING; DRYERS; FARM
EQUIPMENT; POSTHARVEST
TECHNOLOGY; WATER CONTENT;
QUALITY; WET SEASON.

224 NURDJANNAH, R. Pengaruh pemberian larutan sanitiser terhadap mutu sayuran selama penyimpanan. *Effect of sanitizer treatments on the quality of vegetables during storage* / Nurdjannah, R.; Winarti, C.; Misgiyarta; Jaya, R. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Prosiding

workshop regional perbaikan lahan pasca tsunami dan pengembangan tanaman sayuran, Banda Aceh, 16-17 Nov 2009 / Iskandar, T.; Nur, H.I.M.; Jaya, R.; Ferizal, M.; Kamlan, M. (eds.). Bogor: BBP2TP, 2010: p. 125-139, 4 ill., 5 tables; 18 ref.

VEGETABLES; STORAGE; HYGIENE;
STORED PRODUCTS PEST CONTROL;
BIOLOGICAL CONTAMINATION;
ESCHERICHIA COLI; SALMONELLA;
KEEPING QUALITY; ACETIC ACID

225 QANITAH. Efisiensi penggunaan kemasan kardus distribusi mangga arumanis. *Efficiency of cardboard package for arumanis mango distribution* / Qanitah; Ambarsari, I. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Jurnal Penelitian dan Pengembangan Pertanian. ISSN 0216-4418 2011 v. 30(1) p. 8-15, 5 ill., 5 tables; 31 ref

MANGOES; PACKAGING MATERIALS;
ECONOMIC DISTRIBUTION;
PRODUCTION; EXPORTS.

226 SETYABUDI, D.A. Bangsal penanganan pascapanen buah. [*Postharvest handling shed for fruits*] / Setyabudi, D.A. Teknologi penanganan pascapanen buah untuk pasar / Broto, W. (eds.). Bogor: BB Pascapanen, 2009: p. 47-68, 5 ill., 7 tables; 32 ref.

FRUITS; POSTHARVEST TECHNOLOGY;
SHEDS.

227 SOERJANDOKO, R.N.E. Teknik pengujian mutu beras skala laboratorium. [*Testing technique of rice quality at laboratory scale*] / Soerjandoko, R.N.E. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Buletin Teknik Pertanian. ISSN 0853-8379 (2010) v. 15(2) p. 44-47, 2 ill., 2 tables; 5 ref.

RICE; QUALITY; TESTING;
LABORATORY EXPERIMENTATION.

228 SOLIHAT, L. Penggunaan dua jenis media penyimpanan terhadap kadar air dan mutu kemiri. [*Use of two kind of storage media on the moisture content and quality of candle nut*] / Solihat, L. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Prosiding temu teknis nasional tenaga fungsional non peneliti, Bogor, 12-13 Aug 2009 / Budiman, H.;

Priyanto, D.; Hidayati, N.; Sitompul, S.; Heliati, I. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 64-68, 2 tables; 14 ref.

ALEURITES MOLUCCANA; SEED
STORAGE; KEEPING QUALITY;
MOISTURE CONTENT; FUNGI.

229 SUKASIH, E. Pemakaian metode ASS (accelerated storage studies) untuk pendugaan umur simpan produk jus jeruk siam di kemasan gelas dengan parameter kritis vitamin C / Sukasih, E.; Setyadjit (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Prosiding seminar nasional inovasi teknologi dan kelembagaan pertanian dalam upaya peningkatan pemberdayaan masyarakat. Buku 2, Yogyakarta 24-25 Aug. 2007 / Wardhani, N.K.; Mudjisihono, R.; Masyudi, M.F.; Jama, E.; Wirianata, H.; Suroso; Hartati, R.M.; Hermantoro; Sayekti, A.S. (eds.). Bogor : BBP2TP, 2007: p. 471-479, 5 ill; 5 tables; 13 ref.
631.152/SEM/p bk2

CITRUS; FRUIT JUICES; KEEPING
QUALITY; STORAGE; ASCORBIC ACID;
GLASS.

230 SUSANTO, A. Kandungan aflatoxin dan analisis titik kritis pada pengelolaan pascapanen jagung di Kabupaten Garut. *Contamination of aflatoxin and critical point analysis in corn postharvest steps at Garut Regency* / Susanto, A. (Balai Pengujian Mutu Pakan Ternak, Bekasi); Laconi, E.B.; Widiastuti, R.. Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 11-12 Nov 2008 / Sani, Y.; Martindah, E.; Nurhayati; Puastuti, W.; Sartika, T.; Parede, L.; Anggraeni, A.; Natalia, L. (eds.). Bogor: Puslitbangnak, 2009: p. 696-704, 5 ill., 1 table; 19 ref.
636:619/SEM/p

MAIZE; POSTHARVEST TECHNOLOGY;
AFLATOXINS; ELISA.

231 YANURIATI, A. Penggunaan iradiasi UV-C untuk mengurangi kerusakan dan mempertahankan kualitas duku segar. *Application of UV-C irradiation to decrease the spoilage and maintain quality of fresh lanzones* / Yanuriati, A.; Parwiyanti (Universitas Sriwijaya, Palembang. Fakultas Teknologi Pertanian); Prabawati, S.; Yulianingsih. Jurnal Penelitian Pascapanen

Pertanian. ISSN 0216-1192 (2009) v. 6(2) p. 69-75, 3 tables; 13 ref.

LANSIUM DOMESTICUM; KEEPING QUALITY; STORAGE; ULTRAVIOLET IRRADIATION; BROWNING; DAMAGE; ASCORBIC ACID.

L01 PETERNAKAN / ANIMAL HUSBANDRY

232 ALKHUDDRI, S. Profil peternakan kerbau di Kabupaten Sawahlunto/Sijunjung, Sumatera Barat. [*Profile of buffaloes in Sawahlunto/Sijunjung Regency, West Sumatra*] / Alkhudri, S. (Dinas peternakan dan Perikanan Sawahlunto). Prosiding seminar dan lokakarya nasional usaha ternak kerbau, Jambi 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T.(eds.). Bogor: Puslitbangnak, 2008: p. 159-162, 2 tables; 1 ref

WATER BUFFALOES; ANIMAL HUSBANDRY; SUMATRA.

233 BAMUALIM, A. Peran dan ketersediaan teknologi pengembangan kerbau di Indonesia. [*Role and technology availability of water buffalo development in Indonesia*] / Bamualim, A.; Muhammad, Z.; Talib, C. (Pusat Penelitian dan Pengembangan Peternakan, Bogor). Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional, Tanah Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 1-10, 1 ill., 41 ref.

WATER BUFFALOES; ANIMAL HUSBANDRY; ANIMAL FEEDING; ADAPTATION; ANIMAL PRODUCTION; TECHNOLOGY; BEHAVIOUR; INDONESIA.

234 DJAJADIREDDJA, P. Pedoman pengembangan sapi Brahman cross untuk peternak. [*Guidelines on Brahman cross cattle for farmers*] / Djajadiredja, P.; Djuddawi, R. (Direktorat Perbibitan, Jakarta). Jakarta: Direktorat Jenderal Peternakan, 2009: 21 p. 5 ill. Appendices. 636.2.035/DJA/p

BEEF CATTLE; ANIMAL PRODUCTION; FEEDS; AGROINDUSTRIAL SECTOR.

235 EFENDI, A. Potensi ternak kerbau di Kabupaten Cirebon. [*Potential of buffaloes in Cirebon Regency*] / Efendi, A. (Dinas Peternakan, Pertanian dan Perkebunan Kabupaten Cirebon). Prosiding seminar dan lokakarya nasional usaha ternak kerbau, Jambi, 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2008: p. 174-176, 2 tables.

WATER BUFFALOES; ANIMAL HUSBANDRY; JAVA.

236 GUNAWAN, D. Pengembangan integrasi ternak unggas. [*Development of integrated poultry husbandry*] / Gunawan, D.; Ramli, N.; Andajani, T.; Mariani, U.; Eri, B.; Amin, S.P.; Hastuti, E.; Susilawaty, R.; Romada, T. (Direktorat Budidaya Ternak Non Ruminansia, Jakarta). Jakarta: Direktorat Budidaya Ternak Non Ruminansia, 2008: 45 p. 636.5.09/DIR/p

POULTRY; ANIMAL HUSBANDRY; AGROINDUSTRIAL SECTOR.

237 JAMAL, H. Strategi pengembangan ternak kerbau di Propinsi Jambi. [*Strategy of buffalo development in Jambi Province*] / Jamal, H. (Badan Penelitian dan Pengembangan Daerah Propinsi Jambi). Prosiding seminar dan lokakarya nasional usaha ternak kerbau, Jambi, 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2008: p. 12-15, 6 ref.

WATER BUFFALOES; ANIMAL HUSBANDRY; SUMATRA.

238 KUSHARTONO, B. Inovasi teknologi pola pemeliharaan sapi potong di Kecamatan Sirenja, Kabupaten Donggala, Sulawesi Tengah. [*Technological innovation of beef cattle breeding patterns in Subdistrict Sirenja, Donggala Regency, Central Sulawesi Province*] / Kushartono, B.; Yusnandar, Y.E. (Balai Penelitian Ternak, Bogor). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 60-65, 4 ill., 4 ref.

BEEF CATTLE; ANIMAL HUSBANDRY METHODS; EXTENSIVE HUSBANDRY; INNOVATION; ANIMAL HEALTH; INTENSIVE HUSBANDRY; PRODUCTIVITY; SULAWESI.

239 SIHITE, E. Potensi pengembangan ternak sapi di Kabupaten Serdang Bedagai Provinsi Sumatera Utara. [*Potential of cattle development in Serdang Bedagai Regency, North Sumatra Province*] / Sihite, E.; Situmorang, M.; Hutauruk, M. (Loka Penelitian Kambing Potong Sungei Putih, Medan). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 39-41, 1 table; 4 ref.

CATTLE; ANIMAL HUSBANDRY METHODS; WASTE UTILIZATION; FEEDING PREFERENCES; FORAGE; TRADITIONAL TECHNOLOGY; SUMATRA.

240 SOFYADI, D. Program aksi pengembangan ternak kerbau di Kabupaten Pandeglang, Banten. [*Action program of buffaloes development in Pandeglang Regency, Banten*] / Sofyadi, D. (Dinas Pertanian dan Peternakan Kabupaten Pandeglang). Prosiding seminar dan lokakarya nasional usaha ternak, Jambi, 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2008: p. 163-173, 3 tables; 1 ref.

WATER BUFFALOES; ANIMAL HUSBANDRY; ANIMAL BREEDING; JAVA.

241 SUSILAWATI, E. Pengembangan ternak kerbau di Provinsi Jambi. [*Developing water buffalo in Jambi Province*] / Susilawati, E.; Bustami (Pusat Penelitian dan Pengembangan Peternakan, Bogor). Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional Tana Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 11-17, 5 ill., 2 tables; 8 ref.

WATER BUFFALOES; ANIMAL BREEDING; ANIMAL POPULATION; QUALITY; REPRODUCTION; TECHNOLOGY; SUMATRA.

242 TRIWULANNINGSIH, E. Inovasi teknologi untuk mendukung pengembangan ternak kerbau. [*Technology innovation to support buffaloes development*] / Triwulanningsih, E. (Balai Penelitian Ternak, Bogor). Prosiding seminar dan lokakarya nasional usaha ternak kerbau, Jambi, 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2008: p. 16-24, 1 ill., 3 tables; 12 ref.

WATER BUFFALOES; ANIMAL HUSBANDRY; AGROECOSYSTEMS; INNOVATION; TECHNOLOGY.

243 WIRDAHAYATI R.B. Penerapan teknologi dalam upaya meningkatkan produktivitas sapi potong di Nusa Tenggara Timur. [*Application of technology on improving beef cattle productivity in East Nusa Tenggara*] / Wirdahayati R.B. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Wartazoa. ISSN 0216-6461 (2010) v. 20(1) p. 12-20, 7 tables; 30 ref.

BEEF CATTLE; TECHNOLOGY; PRODUCTIVITY; FEEDS; WEANING; REPRODUCTION; NUSA TENGGARA.

L02 PAKAN HEWAN / ANIMAL FEEDING

244 SUHARTO. Tingkat kesukaan pakan rumpun dan konsentrat pada rumpun domba komposit. [*Preference level of feed grasses and concentrates on the composite sheep*] / Suharto; Aminah, S.; Rokhman (Balai Penelitian Ternak, Bogor). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 1-4, 2 tables; 4 ref.

SHEEP; CROSSBREDS; FEED GRASSES; CONCENTRATES; FEEDING HABITS; FEEDING LEVEL; WEIGHT GAIN.

245 WINA, E. Pemanfaatan tanaman legumes yang mengandung tanin untuk produksi ternak ruminansia kecil di Indonesia. [*Utilization of tannin containing shrub legumes for small ruminant production in Indonesia*] / Wina, E. (Pusat Penelitian dan Pengembangan Peternakan, Bogor). Wartazoa. ISSN 0216-

6461 (2010) v. 20(1) p. 21-30, 1 ill., 8 tables; 42 ref.

SMALL RUMINANTS; LEGUMES;
TANNINS; ANIMAL PRODUCTION;
INDONESIA.

**L10 GENETIKA DAN PEMULIAAN
HEWAN / ANIMAL GENETICS
AND BREEDING**

246 BAHRI, S. Strategi pengembangan perbibitan ternak kerbau. [*Strategy of buffalo breeding development*] / Bahri, S. (Direktorat Jenderal Peternakan, Jakarta); Talib, C. Prosiding seminar dan lokakarya nasional usaha ternak kerbau, Jambi, 22-23 Jun 2007 / Bamualim, A.M.; Talib, C.; Handiwirawan, E.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2008: p. 1-11, 1 ill., 5 tables; 14 ref.

WATER BUFFALOES; BUFFALO MEAT;
BUFFALO MILK ; ANIMAL BREEDING;
PRODUCTIVITY; AGROINDUSTRIAL
SECTOR.

247 ERDIANSYAH, E. Keragaman fenotipe dan pendugaan jarak genetik antara subpopulasi kerbau rawa lokal di Kabupaten Dompu, Nusa Tenggara Barat. [*Phenotypic variance and genetic distance estimation between local swamp buffalo subpopulation in Dompu West Nusa Tenggara*] / Erdiansyah, E. (Institut Pertanian Bogor. Fakultas Peternakan); Anggraeni, A. Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional, Tana Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 55-67, 3 ill., 11 tables; 12 ref.

WATER BUFFALOES; FEMALES;
MALES; BODY MEASUREMENTS;
BEHAVIOUR; NUSA TENGGARA.

248 HUTAURUK, M.E. Teknologi pengolahan semen beku kambing Boer. [*Technology of Boer goat frozen semen processing*] / Hutaauruk, M.E. (Loka Penelitian Kambing Potong Sei Putih, Medan). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 52-55, 1 table; 9 ref.

GOATS; SEMEN PRESERVATION;
SEMEN COLLECTION; MORTALITY;
SPERMATOZOA; ARTIFICIAL
INSEMINATION.

249 PRAHARANI, L. Tinjauan performa persilangan kerbau sungai X kerbau lumpur. [*Performance of river buffalo X buffalo crossbreeding*] / Praharani, L. (Balai Penelitian ternak, Bogor). Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional, Tana Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 29-37, 8 tables; 30 ref.

WATER BUFFALOES; CROSSBREEDING;
MATING SYSTEMS; ANIMAL
PRODUCTION; PRODUCTIVITY;
BUFFALO MEAT; BUFFALO MILK;
SPECIES; BEHAVIOUR.

250 SAID, S. Perkembangan kerbau belang ("Tedong Bonga") di Pusat Penelitian Bioteknologi LIPI Cibinong, Jawa Barat dengan teknologi reproduksi. [*Development of water buffalo "belang" (Tedong Bonga) in Research Center for Biotechnology - LIPI, Cibinong, West Java by reproduction technology*] / Said, S.; Tappa, B. (Pusat Penelitian Bioteknologi LIPI, Bogor). Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional, Tana Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 18-25, 4 ill., 3 tables; 12 ref.

WATER BUFFALOES; ARTIFICIAL
INSEMINATION; SEMEN; COPULATION;
TECHNOLOGY.

251 SITORUS, A.J. Karakterisasi morfologi dan estimasi jarak genetik kerbau rawa, sungai (murray) dan silangannya di Sumatera Utara. [*Morphological characteristic and estimation genetics distance of swamp buffalo, river buffalo (murray) and its crossbreds in North Sumatra*] / Sitorus, A.J. (Institut Pertanian Bogor. Fakultas Peternakan); Anggraeni, A. Peningkatan peran kerbau dalam mendukung kebutuhan daging nasional, Tana Toraja, 24-26 Oct 2008 / Bamualim, A.M.; Talib, C.; Herawati, T. (eds.). Bogor: Puslitbangnak, 2009: p. 38-54, 4 ill., 10 tables; 20 ref.

WATER BUFFALOES; FEMALES;
MALES; SPECIES; BODY

MEASUREMENTS; BEHAVIOUR;
ANIMAL MORPHOLOGY.

**L20 EKOLOGI HEWAN / ANIMAL
ECOLOGY**

252 AMINAH, S. Perilaku induk domba beranak dan anak menyusu. [*Behaviour of lambing and breast feeding ewes*] / Aminah, S. (Balai Penelitian Ternak, Bogor). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 5-10, 2 tables; 5 ref.

SHEEP; MATERNAL BEHAVIOUR;
PARTURITION; PERINATAL PERIOD;
BREAST FEEDING; REARING
TECHNIQUES; COLOSTRUM.

253 FATAHUDIN. Pengembangan populasi beberapa spesies semut pada pertanaman kakao di Sulawesi Selatan. *Population development of several species of ants on the cocos trees in South Sulawesi* / Fatahudin; Gassa, A.; Jaunaid (Universitas Hasanuddin, Makasar. Fakultas Pertanian). Pelita Perkebunan. ISSN 0215-0212 (2010) v. 26(2) p. 94-103, 5 tables; 17 ref.

THEOBROMA CACAO; ANIMAL
POPULATION; FORMICIDAE; SPECIES;
OECOPHYLLA; INTEGRATED CONTROL.

**L70 ILMU VETERINER DAN HIGIENE
– ASPEK UMUM / VETERINARY
SCIENCE AND HYGIENE –
GENERAL ASPECTS**

254 SUGIAWAN, W. Pembentukan aflatoksin B1 pada media tumbuh pH4 dan pH7. [*Formation of aflatoxin B1 on the growth media pH4 and pH7*] / Sugiawan, W. (Balai Besar Penelitian Veteriner, Bogor). Buletin Teknik Pertanian. ISSN 0853-8379 (2011) v. 16(1) p. 12-15, 1 ill., 1 table; 5 ref.

ASPERGILLUS FLAVUS; AFLATOXINS;
CELL CULTURE; ELISA; GROWING
MEDIA.

**L73 PENYAKIT HEWAN / ANIMAL
DISEASES**

255 ADJID, R.M.A. Penyakit infectious bovine rhinotracheitis pada sapi di Indonesia dan strategi pengendaliannya. *Infectious bovine rhinotracheitis on cattle in Indonesia and the strategy for disease control* / Adjid, R.M.A.; Saepulloh, M. (Balai Besar Penelitian Veteriner, Bogor). Wartazoa. ISSN 0216-6461 (2010) v. 20(1) p. 1-11, 3 ill., 3 tables; 48 ref.

CATTLE; BOVINE RHINOTRACHEITIS
VIRUS; BOVINE HERPESVIRUS;
INFECTIOUS DISEASES; DISEASE
CONTROL; INDONESIA.

256 BASUNO, E. Review dampak wabah dan kebijakan pengendalian avian influenza di Indonesia. [*Review of epidemic impact and control policies of avian influenza in Indonesia*] / Basuno, E. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2008) v. 6(4) p. 314-334, 17 ref.

AVIAN INFLUENZA VIRUS; EPIDEMICS;
POLICIES; ECONOMIC SOCIOLOGY;
INDONESIA.

**N10 BANGUNAN PERTANIAN /
AGRICULTURAL STRUCTURES**

257 AMAN, W.P. Optimasi rancangan untuk meminimalkan biaya konstruksi alat pengering efek rumah kaca-hibrid (ERK-Hibrid) untuk jagung. *Optimization of design to minimize construction cost of green house effect-hybrids (GHE-Hybrid) corn dryer* / Aman, W.P. (Universitas Negeri Papua, Manokwari . Jurusan Teknologi Pertanian); Wulandan I., D.; Astika, I W.; Nelwan, L.O. . Jurnal Enjiniring Pertanian ISSN 1693-2900 (2010) v. 8(1) p. 39-58, 4 ill., 1 table; 14 ref.

MAIZE; OPTIMIZATION METHODS;
DESIGN; CONSTRUCTION; COSTS;
GREENHOUSES EFFECT; DRYERS.

**N20 MESIN DAN PERALATAN
PERTANIAN / AGRICULTURAL
MACHINERY AND EQUIPMENT**

258 NASUTION, D.A. Kinerja alat dan mesin pengolahan pisang menjadi tepung. *Performance testing of banana processing flour machineries* / Nasution, D.A.; Rasmarestia W., E. (Balai Besar Pengembangan Mekanisasi Pertanian,

Serpong, Tangerang). Jurnal Enjiniring Pertanian. ISSN 1693-2900 (2010) v. 8(1) p. 1-10, 5 ill., 6 tables; 10 ref.

BANANAS; NONCEREAL FLOURS;
VALUE ADDED; SMALL SCALE
FARMING; COST BENEFIT ANALYSIS;
EQUIPMENT PERFORMANCE;
PROCESSING.

259 PRABOWO, A. Analisis kebutuhan pompa irigasi untuk usaha tani jagung: studi kasus di Kabupaten Kediri. *Analysis of irrigation pump requirements for maize farming: case study in Kediri, East Java* / Prabowo, A. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang); Arif, S.S.; Sutiarmo, L.; Purwantana, B. Jurnal Enjiniring Pertanian. ISSN 1693-2900 (2011) v. 9(1) p. 11-20, 5 ill., 2 tables; 12 ref.

ZEA MAYS; PUMPS; FARMING
SYSTEMS; AGROINDUSTRIAL SECTOR;
IRRIGATION EQUIPMENT; JAVA.

260 PRASTOWO, B. Uji kinerja kompor minyak nabati tipe tekan (Protos). *Performance test of plant oil pressurized cooking stove (Protos)* / Prastowo, B. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor); Rasmarestia W., E. Jurnal Enjiniring Pertanian. ISSN 1693-2900 (2010) v. 8(1) p. 21-26, 4 ill., 1 table; 10 ref.

JATROPHA CURCAS; PLANT OILS;
STOVES; PERFORMANCE TESTING;
ENERGY SOURCES; CONSUMPTION.

261 SULISTYOSARI, N. Kajian pemilihan alternatif penyiangan gulma padi sawah. *Study on selection of weeding activities alternatives in wetland paddy field* / Sulistyosari, N. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang); Syuaib, M.F.; Herodian, S. Jurnal Enjiniring Pertanian. ISSN 1693-2900 (2011) v. 9(1) p. 1-10, 4 ill., 3 tables; 11 ref.

ORYZA SATIVA; WEEDING; WEED
CONTROL EQUIPMENT; ERGONOMICS;
ECONOMIC ANALYSIS.

262 SUMARDI, D. Rekayasa dan pengembangan teknologi mekanisasi mesin pencacah jerami untuk bahan baku pupuk kompos dan hijauan pakan ternak.

[*Engineering and technology development of straw chopping machine for raw material for composting and green feed*] / Sumardi, D. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 14-19, 3 ill., 3 tables; 3 ref.

RICE STRAW; CHOPPERS;
MECHANICAL ENGINEERING; RAW
MATERIALS; COMPOSTS; FORAGE;
PROTOTYPES; COMPOSTING; WASTE
UTILIZATION.

263 SUPARLAN. Evaluasi aspek teknis dan finansial penerapan mesin pengepres biji jarak untuk memenuhi kebutuhan bahan bakar skala pedesaan. *Technical and economical evaluation of the application of Jatropha seeds expeller to fulfill rural scale fuel requirement* / Suparlan; Rasmarestia W., E.; Hasanah, A.N. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong, Tangerang). Jurnal Enjiniring Pertanian. ISSN 1693-2900 (2010) v. 8(1) p. 11-20, 4 ill., 2 tables; 11 ref. Appendix.

JATROPHA CURCAS; BIOFUELS;
EQUIPMENT; SEEDS; SELF
SUFFICIENCY; ENERGY; EVALUATION
TECHNIQUES; COST BENEFIT
ANALYSIS.

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

264 IRIANI, E. Kajian efektivitas kebijakan penghematan dan pengembangan energi alternatif: suatu evaluasi implementasi Perpres 5/06. [*Assessment of policies effectiveness on alternative energy saving and development*] / Iriani, E.; Jat-Jat W.; Nujiana, N.L.; Krismiyati; Dawud, J. (Lembaga Administrasi Negara, Jakarta. Pusat Kajian dan Pendidikan dan Pelatihan Aparatur I). Bandung : PKP2A I-LAN, 2008: 133 p., 15 ill., 27 tables. Appendices. 620.92/KAJ

BIOENERGY; ENERGY CONSERVATION;
POLICIES; INDONESIA.

265 MATINDAS, R.W. Pengembangan infrastruktur data spasial nasional untuk mendukung penyediaan data sumber daya lahan pertanian: respon terhadap perubahan iklim. [*Development of national spatial data infrastructure to support the Province of agricultural land resources data resources to climate change*] / Matindas, R.W. (Badan Koordinasi Survei dan Pemetaan Nasional, Bogor). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1: kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 17-31, 10 ill., 1 table.

INDONESIA; INFRASTRUCTURE; LAND RESOURCES; CLIMATIC CHANGE; INFORMATION PROCESSING; COMMUNICATION TECHNOLOGY; INNOVATION ADOPTION.

266 PASANDARAN, E. Membangun kerangka pengelolaan terpadu sumber daya lahan dan air: perspektif sejarah dan politik. [*Developing integrated management framework of land and water resources: historical and political perspectives*] / Pasandaran, E. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2008) v. 6(4) p. 297-313, 1 ill., 3 tables; 12 ref.

LAND RESOURCES; WATER RESOURCES; SOIL MANAGEMENT; WATER MANAGEMENT.

P33 KIMIA DAN FISIKA TANAH / SOIL CHEMISTRY AND PHYSICS

267 SATRIO. Metoksietilamin sebagai alternatif absorber CO₂ untuk analisis 14C dalam tanah dan air tanah. *Methoxyethylamine as CO₂ absorber alternative for analysis of 14C content in soil and groundwater samples* / Satrio.; Sidauruk, P. (Pusat Aplikasi Teknologi Isotop dan Radiasi, Jakarta). Jurnal Ilmiah Aplikasi Isotop dan Radiasi. ISSN 1907-0322 (2010) v. 6(2) p. 117-124, 3 ill., 2 tables; 8 ref.

CARBON DIOXIDE; SOIL; GROUNDWATER; SOIL ANALYSIS; SUSPENSION SYSTEM.

268 SURYANI, E. Karakteristik tanah sawah sentra produksi "Bareh Solok" Kabupaten Solok-Sumatera Barat. [*Soil characteristics of paddy production center "Bareh Solok" Solok Districts-West Sumatra*] / Suryani, E.; Subandiono, R.E.; Subardja, D. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1 : kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 117-135, 1 ill., 2 tables; 15 ref.

SUMATRA; RICE FIELDS; SOIL CHEMICOPHYSICAL PROPERTIES; LAND PRODUCTIVITY; PRODUCTION LOCATION.

P34 BIOLOGI TANAH / SOIL BIOLOGY

269 PRIHASTUTI. Potensi pengembangan mikoriza alami sebagai penambang hara di lahan kering masam Lampung Tengah. [*Potential of natural mycorrhizae development as nutrient miner in acid dry land at Central Lampung*] / Prihastuti; Harsono, A. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang). Prosiding simposium ke 5 tanaman pangan. Inovasi teknologi tanaman pangan. Buku 3: penelitian dan pengembangan palawija, Bogor, 28-29 Aug 2007 / Zaini, Z.; Kasim, F.; Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2008: p. 664-674, 3 tables; 39 ref.

FOOD CROPS; MYCORRHIZAE; SPECIES; NUTRIENT AVAILABILITY; SOIL FERTILITY; DRY FARMING; INOCULATION METHODS; SOIL TYPES; TECHNOLOGY TRANSFER.

P35 KESUBURAN TANAH / SOIL FERTILITY

270 HARTATIK, W. Turi mini dan azolla dapat mensubstitusi sebagian pupuk nitrogen. [*Sesbania rostrata and Azolla microphylla substitute some nitrogen fertilizers*] / Hartatik, W. (Balai Penelitian Tanah, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(3) p. 11-12.

SESBANIA ROSTRATA; AZOLLA;
NUTRIENTS; NITROGEN FERTILIZERS;
NITROGEN FIXATION; GREEN
MANURES; YIELDS.

271 SUBOWO G. Strategi efisiensi penggunaan bahan organik untuk kesuburan dan produktivitas tanah melalui pemberdayaan sumberdaya hayati tanah. *Efficiency strategy of organic matter use for soil fertility and productivity by soil biology resources empowerment* / Subowo G. (Balai Penelitian Tanah, Bogor). Jurnal Sumberdaya Lahan. ISSN 1907-0799 (2010) v. 4(1) p. 13-25 , 5 tables; 22 ref.

SOIL; SOIL FERTILITY; BIODIVERSITY;
ORGANIC MATTER; SOIL BIOLOGY;
EFFICIENCY; PRODUCTIVITY.

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

272 DJAJADI. Teknik konservasi untuk menekan erosi dan penyakit lintat lahan tembakau temanggung. *Soil conservation technique to tolerance to reduce erosion and soil pathogens of temanggung tobacco land* / Djajadi (Balai Penelitian Tanaman Tembakau dan Serat, Malang); Mastur; Murdiyati, A.S.. Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2008) v. 14(3) p. 101-106, 6 ill., 3 tables; 11 ref.

NICOTIANA TABACUM; SOIL CONSERVATION; EROSION CONTROL; PATHOGENS; SOILBORNE ORGANISMS; DISEASE CONTROL; SOIL CHEMICOPHYSICAL PROPERTIES; JAVA.

P40 METEOROLOGI DAN KLIMATOLOGI / METEOROLOGY AND CLIMATOLOGY

273 IRIANTO, S.G. Perubahan iklim dan ketahanan pangan: dampak dan strategiantisipasi. [*Climate change and food security : the impact of strategy and anticipation*] / Irianto, S.G. (Badan Penelitian dan Pengembangan Pertanian, Jakarta). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1: kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.;

Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 1-16, 9 ill., 21 ref.

INDONESIA; FOOD SAFETY; CLIMATIC CHANGE; CLIMATIC FACTORS; INNOVATION ADOPTION; TECHNOLOGY TRANSFER; RESOURCE MANAGEMENT.

274 BOER, R. *Climate change adaptation and mitigation of Indonesia food crop sector* / Boer, R. (Institut Pertanian Bogor). Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1: kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 57-74 , 16 ill., 23 ref.

INDONESIA; FOOD CROPS; CLIMATIC CHANGE; ADAPTATION; CLIMATIC ZONES; CLIMATIC FACTORS.

275 LAS, I. Road map strategi menghadapi perubahan iklim sektor pertanian. [*Road map of research and development for climate change in Indonesia agricultural sector*] / Las, I. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor); Unadi, A.; Runtunuwu, E. Prosiding seminar nasional dan dialog sumber daya lahan pertanian. Buku 1 : kebijakan dan informasi sumber daya lahan, Bogor, 18-20 Nov 2008 / Las, I.; Anda, M.; Hendro, B.; Irawan; Surmaini, E.; Wahyunto; Husen, E. (eds.). Bogor: BBSDLP, 2009: p. 75-93, 18 ref.

AGRICULTURAL SECTOR; CLIMATE CHANGE; INFRASTRUCTURE ADAPTATION; CARTOGRAPHY; CLIMATIC FACTORS.

276 MARDIYONO. Usaha-usaha pemberdayaan petani dalam rangka mengantisipasi dampak perubahan iklim (DPI). [*Efforts of farmers empowerment in anticipation of climate change impacts*] / Mardiyono (PT Sarana Tani Indonesia Makmur, Jakarta). Prosiding seminar nasional dan temu alumni: pemikiran alumni dalam pembangunan pertanian untuk mengantisipasi perubahan iklim global, Surakarta, 2010 / Samanhuri; Cahyani, V.R.; Dewi, W.S.; Budiastuti, M.S.; Yuniastuti, E. (eds.).

Surakarta: Fak. Pertanian UNS, 2010: p. 1-6 ,
3 ref.

FARMERS; HUMAN RESOURCES;
CLIMATE CHANGE; INFRASTRUCTURE;
OWNERSHIP; LANDOWNERS.

277 PURWANTO, E. Peran perguruan tinggi pada pengembangan sumber daya manusia pertanian berwawasan lingkungan dalam menghadapi pemanasan global. [*Role of universities in the development of agricultural human resources in environmentally respective in global warming*] / Purwanto, E. (Universitas Sebelas Maret, Surakarta. Fakultas Pertanian). Prosiding seminar nasional dan temu alumni: pemikiran alumni dalam pembangunan pertanian untuk mengantisipasi perubahan iklim global, Surakarta, 2010 / Samanhuri; Cahyani, V.R.; Dewi, W.S.; Budiastuti, M.S.; Yuniastuti, E. (eds.). Surakarta: Fak.Pertanian UNS, 2010: p. 14-17, 5 ref.

AGRICULTURAL WORKERS; RESOURCE
MANAGEMENT; ENVIRONMENTAL
IMPACT; CLIMATE CHANGE;
UNIVERSITIES.

278 SURMAINI, E. Upaya sektor pertanian dalam menghadapi perubahan iklim. [*Efforts of agricultural sector in dealing with climate change*] / Surmaini, E.; Runtuuwu, E.; Las, I. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Jurnal Penelitian dan Pengembangan Pertanian. ISSN 0216-4418 (2011) v. 30(1) p. 1-7, 5 ill., 38 ref

ORYZA SATIVA; AGRICULTURAL
SECTOR; CLIMATE CHANGE;
VARIETIES; ZERO TILLAGE;
ADAPTATION.

Q01 ILMU DAN TEKNOLOGI PANGAN / FOOD SCIENCE AND TECHNOLOGY

279 SUSILONINGSIH, E.K.B. Kinetika ekstraksi minyak dari biji kacang tanah utuh dengan pelarut heksan. [*Kinetic of whole peanut oil extraction using hexane solvent*] / Susiloningsih, E.K.B. (Universitas Pembangunan Nasional "Veteran", Surabaya. Fakultas Teknologi Industri). Jurnal Teknologi Pangan dan Hasil Pertanian. ISSN 1693-9115 (2009) v. 6(1) p. 1-15, 8 ill., 2 tables; 16 ref.

GROUNDNUT; PROCESSING;
EXTRACTS; SEED EXTRACTION;
HEXANOIC ACID; AGITATING;
CHEMICOPHYSICAL PROPERTIES.

Q02 PENGOLAHAN DAN PENGAWETAN PANGAN / FOOD PROCESSING AND PRESERVATION

280 DEWANDARI, K.T. Karakteristik fisikokimia keripik wortel selama penyimpanan. [*Physicochemical characteristic of carrot crispy during stored*] / Dewandari, K.T.; Setyawan, N.,; Herawati, H.; Winarti, C. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Prosiding workshop regional perbaikan lahan pasca tsunami dan pengembangan tanaman sayuran, Banda Aceh, 16-17 Nov 2009 / Iskandar, T.; Nur, H.I.M.; Jaya, R.; Ferizal, M.; Kamlan, M. (eds.). Bogor: IPB, 2010: p. 157-166, 5 ill., 11 ref.

CARROTS; DRYED PRODUCTS;
CUTTING STEAMING; DRYING
STORAGE; DURATION; MOISTURE
CONTENT; VOLATILE FATTY ACIDS

281 MARDIAN, I. Strategi bauran pemasaran dodol nenas skala rumah tangga (studi kasus Desa Lendang Nangka, Kabupaten Lombok Timur). [*Strategy of pineapple taffi marketing at household scale in Lendang Nangka, East Lombok*] / Mardian, I.; Fitrotin, U.; Hastuti, S. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 137-144, 1 ill., 4 tables; 6 ref.
631.152:631.611/WOR/p

PINEAPPLES; PROCESSING;
INNOVATION; INTERMEDIATE
MOISTURE FOODS; COTTAGE
INDUSTRY; ROLE OF WOMEN;
MARKETING; PRICE POLICIES;
CONSUMER BEHAVIOUR; INCOME;
NUSA TENGGARA.

282 MEKE, D.B. Dampak penerapan teknologi pengolahan kelapa (minyak kelapa murni/VCO) terhadap tingkat pendapatan petani di Kabupaten Ende. [*Implementation*

impact of coconut processing technology (virgin coconut oil) on the farm income level in Ende / Meke, D.B.; deRosari, B.; Seran, Y.L.; Triastono, J. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang). Pengembangan inovasi pertanian lahan marginal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 131-136, 2 tables; 6 ref. 631.152:631.611/WOR/p

COCONUTS; PROCESSING; COCONUT OIL; FOOD TECHNOLOGY; TECHNOLOGY TRANSFER; DIVERSIFICATION; FARM INCOME; NUSA TENGGARA.

283 NUGRAHENI, D. Evaluasi mutu bawang merah goreng produksi KWT Sri Rejeki, Desa Losari, Kecamatan Tlogomulyo, Kabupaten Temanggung. [*Evaluation of fried shallot quality producing by Sri Rejeki women group in Losari, Tlogomulyo, Temanggung*] / Nugraheni, D.; Iriani, E.; Ety, W.M. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Pengembangan inovasi pertanian lahan marginal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 105-111, 1 ill., 1 table; 9 ref. 631.152:631.611/WOR/p

SHALLOTS; DRIED PRODUCTS; FRYING; FOOD ADDITIVES; TAPIOCA; ORGANOLEPTIC PROPERTIES; CONSUMER BEHAVIOUR; KEEPING QUALITY; FOOD TECHNOLOGY; WOMEN; JAVA.

284 ROSSUARTINI. Proses pengolahan sosis daging kelinci untuk menunjang agribisnis ternak kelinci. [*Processing of rabbit meat sausage to support agribusiness of rabbit*] / Rossuartini (Balai Penelitian Ternak, Bogor). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 56-59, 1 ill., 2 tables; 4 ref.

RABBIT MEAT; PROCESSING; SAUSAGES; FOOD ADDITIVES; PROXIMATE COMPOSITION;

PROFITABILITY; AGROINDUSTRIAL SECTOR.

285 SHABRI. Ekstraksi dan karakterisasi ekstrak polifenol teh hijau. [*Extraction and characterization of the polyphenol extracts of green tea*] / Shabri; Rohdiana, D. (Pusat Penelitian Teh dan Kina Gambung, Bandung). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 20-24, 1 ill., 3 tables; 15 ref.

TEA; EXTRACTION; POLYPHENOLS; CATECHIN; SOLVENTS; CHEMICOPHYSICAL PROPERTIES; MEASURING INSTRUMENTS; SPECTROMETRY.

286 SUTRISNO. Pengaruh ukuran dan bentuk gabah terhadap rendemen dan mutu beras giling. [*Effect of the grain size on milling rice recovery and head rice content*] / Sutrisno; Achmad, D.R. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1505-1516, 5 ill., 10 tables; 7 ref. 633.18-115.2/SEM/i bk4

RICE; SEED SIZE; RICE HUSKS; DRYING; DRYERS; MILLING; QUALITY; SEED MOISTURE CONTENT.

Q04 KOMPOSISI PANGAN / FOOD COMPOSITION

287 IHSAN, F. Teknik analisis kadar sukrosa pada buah pepaya. [*Analysis technique of sucrose content on papaya fruit*] / Ihsan, F.; Wahyudi, A. (Balai Penelitian Tanaman Buah Tropika, Solok). Buletin Teknik Pertanian. ISSN 0853-8379 (2010) v. 15(1) p. 10-12, 2 ill., 1 table; 6 ref.

PAPAYAS; SUCROSE; ANALYTICAL METHODS; REFRACTOMETRY

288 INDRASARI, S.D. Kandungan mineral beras varietas unggul baru. *Nutritional value*

of minerals on new high yielding rice varieties / Indrasari, S.D.; Wibowo, P.; Daradjat, A.A. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Inovasi teknologi padi mengantisipasi perubahan iklim global mendukung ketahanan pangan: prosiding seminar nasional padi 2008. Buku 4, Sukamandi, 23-24 Jul 2008 / Setyono, A.; Nugraha, U.S.; Indrasari, S.D.; Agus S.Y. (eds.). Sukamandi: BB Padi, 2009: p. 1457-1472, 3 tables; 36 ref.
633.18-115.2/SEM/i bk4

RICE; HIGH YIELDING VARIETIES;
MINERAL CONTENT; TRACE
ELEMENTS; NUTRITIVE VALUE.

289 SANTIKA, A. Teknik evaluasi mutu beras ketan dan beras merah pada beberapa galur padi gogo. [*Evaluation technique of quality of glutinous rice and red rice on several upland rice varieties*] / Santika, A. (Balai Besar Penelitian Tanaman Padi, Bogor); Rozakurniati. Buletin Teknik Pertanian. ISSN 0853-8379 (2010) v. 15 (1) p. 1-5, 1 ill., 2 tables; 4 ref.

ORYZA SATIVA; VARIETIES;
EVALUATION; QUALITY; RICE;
AMYLOSE; YIELD COMPONENTS.

290 SUSILOWATI, S.H. Perkembangan harga pangan dan implikasinya bagi masyarakat perdesaan. *Food price development and its implication for rural community* / Susilowati, S.H.; Rahman, B. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional dinamika pembangunan pertanian dan perdesaan: tantangan dan peluang bagi peningkatan kesejahteraan petani, Bogor, 19 Nov 2008 / Suradisastira, K.; Yusdja, Y.; Nurmanaf, A.R. (eds.). Bogor: PSE-KP, 2009: p. 38-56, 9 ill., 5 tables; 8 ref.
631.001.6/SEM/p c2

FOODS; PRICES; GROWTH RATE; FOOD
CROPS; DOMESTIC MARKETS; WORLD
MARKETS; FOOD SECURITY; FOODS;
QUALITY; FOOD CONSUMPTION; FOOD
INTAKE; RURAL COMMUNITIES.

291 SUTARYO. Pengaruh lama pelayuan terhadap kekenyalan, tekstur dan kesukaan bakso daging sapi. *Effect of aging time on the hardness, texture and preference of the beef meat ball* / Sutaryo; Bintoro, V.P.; Junianto,

D. (Universitas Diponegoro, Semarang. Fakultas Peternakan). Jurnal Teknologi Pangan dan Hasil Pertanian. ISSN 1693-9115 (2009) v. 6(1) p. 16-22, 4 tables; 13 ref.

BEEF CATTLE; MEAT; PROCESSING;
MEAT PRODUCTS; QUALITY;
ORGANOLEPTIC PROPERTIES;
RIPENING.

**Q52 PENGOLAHAN DAN
PENGAWETAN PAKAN / FEED
PROCESSING AND
PRESERVATION**

292 SUPRIYATNA. Prosesing silase kulit buah kakao sebagai pakan kambing sedang tumbuh. [*Processing of cocoa peel silage as feed for growing goats*] / Supriyatna (Loka Penelitian Kambing Potong Sungei Putih, Medan). Prosiding temu teknis nasional pejabat fungsional non-peneliti, Bogor, 26-27 Aug 2008 / Budiman S.T., H.; Ridwan, H.M.; Hardono; Hidayati, N.; Hayani, E. (eds.). Jakarta: Badan Litbang Pertanian, 2009: p. 42-46, 4 ill., 10 ref.

GOATS; DEVELOPMENTAL STAGES;
SILAGE MAKING; COCOA HUSKS;
FEEDS; WEIGHT GAIN.

**Q55 ZAT TAMBAHAN PADA PAKAN /
FEED ADDITIVES**

293 SUJATMIKA, E. Pengamatan pertumbuhan bakteri pada media yang ditambahkan prebiotik. [*Growth of bacteria in culture media added by prebiotic*] / Sujatmika, E. (Balai Penelitian Ternak, Bogor). Prosiding temu teknis nasional tenaga fungsional non peneliti, Bogor, 12-13 Aug 2009 / Budiman, H.; Priyanto, D.; Hidayati, N.; Sitompul, S.; Heliati, I. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 31-33, 1 table; 5 ref.

SAUROPUS; PLANT EXTRACTS; FEED
ADDITIVES; BACTERIA; BACILLUS.

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

294 HIDAYAT, T. Formulasi vernis berbasis resin fenolik dari destilat cairan kulit biji

mete. *Formulation of varnish from phenolic resin of cashew nut shell liquid distillates* / Hidayat, T. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor); Sailah, I.; Suryani, A.; Sunarti, T.C.; Risfaheri. Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2009) v. 5(1) p. 1-8, 2 ill., 4 tables; 21 ref.

ANACARDIUM OCCIDENTALE;
CASHEWS; RESIN; LIQUIDS; SHELL;
SEED; VARNISHES; PROCESSING.

295 SUMANGAT, D. Kajian teknis dan ekonomis pengolahan briket bungkil biji jarak pagar sebagai bahan bakar tungku. *Technical and economical study on processing of briquet of jatropha oilseed cakes for energy source of stove* / Sumangat, D.; Broto, W. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2009) v. 5(1) p. 18-26, 2 ill., 4 tables; 18 ref.

JATROPHA CURCAS; SEED;
PROCESSING; ENERGY SOURCES;
ECONOMICAL ANALYSIS;
BRIQUETTES; STOVES.

Q70 PENGOLAHAN LIMBAH PERTANIAN / PROCESSING OF AGRICULTURAL WASTES

296 MA'MUN. Pemurnian minyak nilam dan minyak daun cengkeh secara kompleksometri. *Patchouli oil and clove leaf oil purification using complexometry method* / Ma'mun (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2008) v. 14(1) p. 36-42, 10 tables; 22 ref.

POGOSTEMON CABLIN; CLOVES;
LEAVES, ESSENTIAL OILS;
PURIFICATION; COMPLEXOMETRY;
METHODS; CHELATING AGENTS;
CHEMICAL PHYSICAL PROPERTIES.

297 YOGI, P.R. Peluang pengolahan limbah kelapa menjadi pendapatan tambahan bagi rumah tangga tani di Kabupaten Donggala. [*Chance of coconut waste processing as added income for farmer household in Donggala*] / Yogi, P.R.; Khairani, C. Pengembangan inovasi pertanian lahan marjinal, Yogyakarta, 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.;

Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p. 123-130, 1 ill., 4 tables; 7 ref. 631.152:631.611/WOR/p

COCONUTS; WASTE UTILIZATION;
COCONUT WATER; PROCESSING;
BYPRODUCTS; APPROPRIATE
TECHNOLOGY; CHARCOAL;
BRIQUETTES; HOUSEHOLDS; FARM
INCOME; SULAWESI.

Q80 PENGEMASAN / PACKAGING

298 SETYABUDI, D.A. Pelilinan dan pengemasan buah lengkeng dalam kantong plastik berlubang untuk memperpanjang daya simpan segarnya. [*Waxing and packaging of longan fruit in perforated plastic bag to extend the storability*] / Setyabudi, D.A.; Broto, W. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Pengembangan inovasi pertanian lahan marjinal, Yogyakarta 6-9 Dec 2009 / Kasim, F.; Haryono; Ananto, E.E.; Arifin, M.; Sumanto; Kapina S.R.; Ismail, I.G. (eds.). Jakarta: Badan Litbang Pertanian, 2010: p.145-153, 3 ill., 1 table; 27 ref. 631.152:631.611/WOR/p

DIMOCARPUS LONGAN; PACKAGING;
POLYETHYLENE; PLASTIC FILM;
STORAGE; DURATION; KEEPING
QUALITY; FRUITS; TRANSPORT.

U10 METODE MATEMATIKA DAN STATISTIKA / MATHEMATICAL AND STATISTICAL METHODS

299 MAKARIM, A.K. Sipaja 1.0 sistem pakar budi daya jagung versi 1.0. [*Sipaja 1.0: an expert system version 1.0 of maize cultivation*] / Makarim, A.K.; Hamdani, A.; Ikhwan (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Bogor: Puslitbangtan, 2010: 27 p.

ZEA MAYS; CULTIVATION; COMPUTER
SOFTWARE.

U40 METODE SURVEI / SURVEYING METHODS

300 WIDIASTUTI, F. Teknik identifikasi dan karakterisasi lahan rawan longsor menggunakan teknologi inderaja dan SIG. [*Identification and characterization technique*

of landslide using remote sensing and GIS technology] / Widiastuti, F. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). *Buletin Teknik Pertanian*. ISSN 0853-8379 (2011) v. 16(1) p. 6-11, 2 ill., 5 tables; 7 ref.

JAVA; SOIL CHEMICOPHYSICAL PROPERTIES; SOIL MOVEMENT; LANDSLIDE; LITHOLOGICAL SOIL TYPES; CARTOGRAPHY; SATELLITES; IMAGERY; GEOGRAPHICAL INFORMATION SYSTEMS.

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