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Bogor, 2011

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633.1/.9:636/SEM/p

FOOD CROPS; DEVELOPMENT POLICIES; INNOVATION; PRODUCTION INCREASE; DIFFUSION OF INFORMATION; EXTENSION ACTIVITIES; FARM INCOME; QUALITY OF LIFE; FOOD SECURITY; SOCIO ECONOMIC ENVIRONMENT; DRY FARMING.

033 SUDANA, W. Kebijakan pengkajian dan pengembangan teknologi pertanian dalam rangka memantapkan pendapatan petani lahan kering. [Assessment and development policies of agricultural technology in stabilizing food security and improving dry land farm income]/ Sudana, W.; Nugraha, U.S.; Syukur, M. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 26-42, 2 ill., 10 tables.
633.1/.9:636/SEM/p

DEVELOPMENT POLICIES; INNOVATION ADOPTION; DIFFUSION OF INFORMATION; FARM INCOME; FOOD SECURITY; DRY FARMING.

E16 EKOMONI PRODUKSI/ PRODUCTION ECONOMICS

034 PUSAT PENELITIAN DAN PENGEMBANGAN TANAMAN PANGAN. Peluang menuju swasembada beras berkelanjutan. [Opportunity towards sustainable rice self sufficiency]/ Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor (Indonesia). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(5) p. 12-14

RICE; SELF SUFFICIENCY; PRODUCTIVITY; HIGH YIELDING VARIETIES; INTEGRATED PLANT PRODUCTION; FOOD SECURITY; AGRICULTURAL DEVELOPMENT.

035 SIAGIAN, V. Proyeksi kebutuhan dan produksi jagung di wilayah Sungai Indragiri. [Projection of the requirement and production of maize in Indragiri River area]/ Siagian, V. (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)); Bora, C. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p.107-114, 1 ill., 4 tables; 24 ref.
633.1/.9:636/SEM/p

MAIZE; PRODUCTION DATA; PRODUCTION LOCATION; BASIC NEEDS; HUMAN POPULATION; PRODUCTION INCREASE; SUMATRA.

036 WAHYONO, T. Faktor-faktor sosial ekonomi yang berpengaruh pada konsumsi minyak goreng sawit di rumah tangga di kawasan perkotaan. [Socioeconomic factors affecting palm oil consumption in household in urban areas]/ Wahyono, T.; Irianto, H. Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2006) v. 14(1) p. 21-32, 1 table; 21 ref.

PALM OILS; COOKING OILS; CONSUMPTION; HOUSEHOLDS; URBAN AREAS; SOCIOECONOMIC ENVIRONMENT.

037 YURISINTHAE,E. Analisis produktivitas padi yang diusahakan rumah tangga tani di lahan pasang surut Kecamatan Barambai, Kabupaten Barito Kuala. Productivity analysis of paddy that effort by agriculture household on tidal swamp at Barambai Sub District Barito Kuala Regency/ Yurisinthae, E. (Universitas Tanjungpura, Pontianak (Indonesia). Fakultas Pertanian); Widodo, S. Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 23-35, 2 tables; 19 ref.

RICE; PRODUCTIVITY; HOUSEHOLDS; FARMERS; TIDES; KALIMANTAN.

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

038 BALAI PENELITIAN TANAMAN SAYURAN. Bagaimana prospek pengembangan cabai merah Tanjung-2. [Prospect of red chili var. Tanjung-2 development]/ Balai Penelitian Tanaman Sayuran, Lembang (Indonesia). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 12-14, 1 ill., 1 table.

CAPSICUM ANNUUM; FARM MANAGEMENT; APPROPRIATE TECHNOLOGY; SEED; STORAGE.

039 FIRDAUS, D. Pengembangan sistem dan usaha sapi potong berbasis sumber daya lokal. [Farming system development of beef cattle based on local sources]/ Firdaus, D.; Gunawan, A. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). Prosiding temu teknis nasional tenaga fungsional pertanian 2006, Bogor 7-8 Sep 2006/ Hidayati, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P. (eds.). Bogor: Puslitbangnak, 2006: p. 459-466, 3 ill., 5 tables; 10 ref.

BEEF CATTLE; FARMING SYSTEMS; ANIMAL HOUSING; ANIMAL HEALTH; ANIMAL FEEDING.

040 HAMDI, A.H. Implementasi kebijakan pengembangan jarak pagar sebagai sumber BBN. [Implementation of *Jatropha curcas* development policy as biofuel source]/ Hamdi, A.H.. Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 1-6, 1 ill., 5 tables 633.853.3-117/LOK/p c2

JATROPHA CURCAS; CASTOR OIL; AGRICULTURAL DEVELOPMENT; DEVELOPMENT POLICIES; BIOFUELS.

041 JENIE, U.A. Peran perguruan tinggi dan lembaga penelitian serta akademisi dalam mengembangkan potensi jamu sebagai pengobatan komplemen menuju Indonesia sehat. Roles of universities, research institution and the scientist in the development of jamu as complementary and alternative medicines toward Indonesia healthy/ Jenie, U.A. (Lembaga Ilmu Pengetahuan Indonesia, Jakarta (Indonesia)). Jurnal Bahan Alam Indonesia (Indonesia) ISSN 1412-2855 (2005) v. 4(2) p. 264-269, 1 ill., 1 table; 10 ref.

TRADITIONAL MEDICINES; PRODUCT DEVELOPMENT; PUBLIC HEALTH; DEVELOPMENT PLANS; INDONESIA.

042 KHAIRUDDIN. Peningkatan produktivitas padi sawah irigasi melalui pendekatan pengelolaan tanaman dan sumber daya terpadu (PTT). [Improving irrigated rice productivity through integrated crop and resources management approach]/ Khairuddin (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang 8 Nov 2007/ Muryanto; Prasetyo, T.; Prawirodigno, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 191-196, 3 tables; 5 ref.

ORYZA SATIVA; IRRIGATED RICE; INTEGRATED PLANT PRODUCTION; SOIL CHEMICOPHYSICAL PROPERTIES;

HIGH YIELDING VARIETIES; COST BENEFIT ANALYSIS; PRODUCTIVITY.

043 LIDJANG, I.K. Budidaya "SRI" (System of rice intensification) pada lahan sawah tadah hujan di Nusa Tenggara Timur. [Cultivation of "SRI" (System of rice intensification) in rainfed lowland in East Nusa Tenggara]/ Lidjang, I.K.; Ngongo, Y.; Bombo, Y. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 194-204, 1 ill., 11 tables; 9 ref.
633.1/.9:636/SEM/p

ORYZA SATIVA; VARIETIES; INTENSIFICATION; CULTURAL METHODS; ON-FARM RESEARCH; PRODUCTION INCREASE; LAND PRODUCTIVITY; DEMAND IRRIGATION; RAINFED FARMING; NUSA TENGGARA.

044 MARGARETHA S.L. Identifikasi peran jagung unggul terhadap pendapatan usaha tani di Provinsi Nusa Tenggara Timur. [Identification of superior on maize role on farm income in East Nusa Tenggara Province]/ Margaretha S.L.; Saenong, S. (Balai Penelitian Tanaman Serealia, Maros (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 115-124, 1 ill., 6 tables; 12 ref.
633.1/.9:636/SEM/p

ZEA MAYS; HIGH YIELDING VARIETIES; LAND VARIETIES; GEOGRAPHICAL DISTRIBUTION; FARM INCOME; PROFITABILITY; NUSA TENGGARA.

045 MASKROMO, I. Potensi pengembangan kelapa kopyor di Indonesia. [Potential of coconut var. kopyor development in Indonesia]/ Maskromo, I.; Mashud, N.; Novarianto, H. (Balai Penelitian Tanaman Kelapa, Manado (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia) ISSN 0853-8204 (2007) v. 13(1) p. 4-6.

COCOS NUCIFERA; VARIETIES; DEVELOPMENT POLICIES; INDONESIA.

046 NUGROHO, E. Perception of farm household on small scaled cattle farming: case study at Desa Kanigoro Kecamatan Pagelaran, Malang Regency/ Nugroho, E. (Universitas Brawijaya, Malang (Indonesia). Fakultas Peternakan). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 137-142, 2 tables; 4 ref.

CATTLE; SMALL FARMS; HOUSEHOLDS ; JAVA.

047 NURBANI. Potensi pengembangan tanaman padi lahan pasang surut di Kabupaten Bulungan. [Potential of tidal rice development in Bulungan District (Kalimantan)]/ Nurbani; Rahayu, S.P.; Nastiti P., D. (Balai Pengkajian Teknologi Pertanian Kalimantan Timur, Samarinda (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 2/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 317-325, 3 tables; 9 ref.
631.445.9/SEM/r bk2

ORYZA SATIVA; AGRICULTURAL DEVELOPMENT; TIDES; INTERTIDAL ENVIRONMENT; ECONOMIC ANALYSIS.

048 RAHAYU, S.P. Analisis finansial usaha tani padi pasang surut di Kecamatan Anggana Kabupaten Kutai Kartanegara. [Financial analysis of tidal rice farming system in Anggana Subdistrict, Kutai Kartanegara District]/ Rahayu, S.P.; Nastiti P., D.; Mastur (Balai Pengkajian Teknologi Pertanian Kalimantan Timur, Samarinda (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 2/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 169-175, 3 tables; 5 ref.
631.445.9/SEM/r bk2

ORYZA SATIVA; FARMING SYSTEMS; WATER MANAGEMENT; ECONOMIC ANALYSIS; TIDES; INTERTIDAL ENVIRONMENT; KALIMANTAN.

049 SAHARA, D. Kajian struktur biaya dan alokasi curahan tenaga kerja pada sistem usaha tani padi sawah: studi kasus di Kabupaten Konawe. [Assessment of cost structure and labour allocation on rice farming system: case study in Konawe Regency]/ Sahara, D.; Idris (Balai Pengkajian Teknologi Pertanian Sulawesi Tenggara, Kendari (Indonesia)). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian (Indonesia) ISSN 1410-959X (2007) v. 10(2) p. 137-148, 6 tables; 16 ref.

RICE; COSTS; LABOUR; FARMING SYSTEMS; FARM INCOME; SULAWESI.

050 SALAM, H. Identifikasi beberapa model silvofishery di Kabupaten Brebes dan Pemalang (suatu penelitian awal). Identification of several silvofishery models at Brebes and Pemalang District/ Salam, H. (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Pertanian). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 83-95, 4 ill., 9 tables; 5 ref.

MANGROVES; SILVOPASTORAL SYSTEMS; FARM INCOME; AGROFORESTRY; FARMERS; JAVA.

051 SALAM, H. Kajian aspek ekonomi rehabilitasi mangrove dengan pola silvofishery di Kabupaten Pemalang. Economic aspect of mangrove rehabilitation with silvofishery at Pemalang District/ Salam, H. (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Kehutanan). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 67-81, 3 ill., 9 ref.

MANGROVES; FOREST REHABILITATION; SILVICULTURE; FISHERY MANAGEMENT; ECONOMIC ANALYSIS; FARM INCOME; JAVA.

052 SOENTORO. Pengembangan kelembagaan di daerah lahan pasang surut: kasus pengembangan lembaga keuangan mikro Karya Usaha Mandiri di daerah lahan pasang surut Sumatera Selatan. [Institutions development in tidal land: case of micro finance institutions development in South Sumatra]/ Soentoro (Departemen Pertanian, Jakarta (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 39-58, 2 ill., 6 tables; 15 ref.
631.445.9/LOK/p

SUMATRA; TIDES; AGRICULTURAL DEVELOPMENT; FINANCIAL INSTITUTIONS; DEVELOPMENT AGENCIES; AGRICULTURAL BANKS.

053 SUMARNO. Sistem produksi padi berkelanjutan dengan penerapan revolusi hijau lestari. [Sustainable rice production system through green revolution apply]/ Sumarno. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.) Bogor: BBSDLP, 2006: p. 31-52, 4 tables; 20 ref.
631.4/SEM/p

RICE; PRODUCTION; SUSTAINABILITY; SOIL CHEMICOPHYSICAL PROPERTIES; SOIL DEGRADATION.

054 SURYANA, A. Kebijakan penelitian dan pengembangan pertanian lahan kering menuju ketahanan pangan dan peningkatan pendapatan petani. [Dry land research and development policies toward food security and increasing farmer income]/ Suryana, A.; Rachman, A. (Badan Penelitian dan Pengembangan Pertanian, Jakarta (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 1-10, 6 tables; 13 ref.
633.1/.9:636/SEM/p

AGRICULTURE; DRY FARMING; AGRICULTURAL DEVELOPMENT; FARMING SYSTEMS; LAND MANAGEMENT; LAND IMPROVEMENT; LAND PRODUCTIVITY; SOIL CONSERVATION; FOOD SECURITY; FARM INCOME.

055 TRIASTONO, J. Pengaruh teknologi konservasi sistem tanaman-ternak terhadap pendapatan usaha tani tanaman pangan di DAS Serang bagian hulu, Kabupaten Boyolali. Influence of crop-livestock system (CLS) conservation technology on food crop farm income in Serang watershed, Boyolali/ Triastono, J. (Balai Pengkajian Teknologi Pertanian, Nusa Tenggara Timur, Kupang (Indonesia)); Widodo, S.; Irham; Hardyastuti, S. Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 53-65, 5 tables; 12 ref.

CROPS; LIVESTOCK; INTEGRATION; FARM INCOME; FOOD CROPS; WATERSHEDS; JAVA.

056 WIDOWATI, S. Diversifikasi pangan sebagai upaya mengatasi kerawanan pangan. [Food diversification as an effort on food poverty alleviation]/ Widowati, S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Majalah Pangan (Indonesia) ISSN 0852-0607 (2005) v. 14(45) p. 55-64, 5 ill., 7 tables.

FOODS; FOOD SECURITY; DIVERSIFICATION; PROCESSED PLANT PRODUCTS.

057 ZURAIDA, R. Peluang pengembangan tanaman pangan pada lahan kering di Kalimantan. [Chance of food crops development in dryland at Kalimantan]/ Zuraida, R.; Rohaini, E. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p.93-98, 3 tables; 5 ref.
633.1/.9:636/SEM/p

FOOD CROPS; FARMING SYSTEMS; AGRICULTURAL DEVELOPMENT; TRADITIONAL TECHNOLOGY; LAND PRODUCTIVITY; INNOVATION; RAPID RURAL APPRAISAL; DRY FARMING; ECONOMIC ANALYSIS; KALIMANTAN.

E21 AGRO-INDUSTRI / AGRO-INDUSTRY

058 AZMI. Pra dan rancang bangun laboratorium agribisnis Desa Imigrasi Permu, Kecamatan Kepahiang, Kabupaten Kepahiang. [Participatory rural appraisal and agribusiness laboratory design in Imigrasi Permu Village, Kapahiang]/ Azmi; Hamdan; Gunawan; Makruf, E. (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)). Prosiding workshop rancang bangun laboratorium agribisnis Prima Tani Bengkulu, Bengkulu 12-13 Des 2006/ Apriyanto, D.; Gunawan; Ruswendi; Hidayat; Ishak, A.; Priyotomo, E.; Dradjat, B. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 113-147, 16 ill., 18 tables; 10 ref.

SUMATRA; AGROINDUSTRIAL SECTOR; PILOT PROJECTS; RAPID RURAL APPRAISAL; DESIGN.

059 BAROH, I. Pemberdayaan perempuan dalam agroindustri pisang agung di Kabupaten Lumajang. [Women empowerment on pisang agung agroindustry in Lumajang]/ Baroh, I. (Universitas Muhammadiyah Malang (Indonesia). Fakultas Pertanian). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 149-159, 10 tables; 12 ref.

BANANAS; PROCESSED PLANT PRODUCTS; AGROINDUSTRIAL SECTOR ; INCOME; JAVA.

060 HIDAYATULLAH. Pra dan rancang bangun laboratorium agribisnis Desa Lubuk Jale, Kecamatan Kerkap, Kabupaten Bengkulu Utara. [Participatory rural appraisal and agribusiness laboratory design in Lubuk Jale Village, Kerkap, North Bengkulu Regency]/ Hidayatullah; Ishak, A.; Gunawan (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)); Hidayat. Prosiding workshop rancang bangun laboratorium agribisnis prima tani Bengkulu, Bengkulu 12-13 Des 2006/ Apriyanto, D.; Gunawan; Ruswendi; Hidayat; Ishak, A.; Priyotomo, E.; Dradjat, B. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 149-205, 25 ill., 39 tables; 7 ref.

SUMATRA; AGROINDUSTRIAL SECTOR ; PILOT PROJECTS; RAPID RURAL APPRAISAL; DESIGN.

061 ISHAK, A. Pra dan rancang bangun laboratorium agribisnis Desa Talang Benuang, Kecamatan Air Periukan, Kabupaten Seluma. [Participatory rural appraisal and agribusiness laboratory design in Talang Benuang, Air

Periukan, Seluma Regency]/ Ishak, A.; Gunawan; Hartono, R.; Azmi (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)). Prosiding workshop rancang bangun laboratorium agribisnis Prima Tani Bengkulu, Bengkulu 12-13 Des 2006/ Apriyanto, D.; Gunawan; Ruswendi; Hidayat; Ishak, A.; Priyotomo, E.; Dradjat, B. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 21-70 , 26 ill., 40 tables; 5 ref.

SUMATRA; AGROINDUSTRIAL SECTOR ; RAPID RURAL APPRAISAL; PILOT PROJECTS; DESIGN; INNOVATION ADOPTION.

062 KENADI, M. Proses menuju terwujudnya masyarakat agribisnis industrial pedesaan di Kabupaten Seluma melalui kegiatan Prima Tani. [Developing rural industrial agribusiness communities in Seluma Regency through Prima Tani]/ Kenadi, M. (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)); Gunawan; Ruswendi; Ishak, A. Prosiding workshop rancang bangun laboratorium agribisnis Prima Tani Bengkulu, Bengkulu 12-13 Des 2006/ Apriyanto, D.; Gunawan; Ruswendi; Hidayat; Ishak, A.; Priyotomo, E.; Dradjat, B. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 13-19, 5 ill., 1 table; 4 ref.

SUMATRA; AGROINDUSTRIAL SECTOR ; RURAL COMMUNITIES; INNOVATION ADOPTION.

063 MAHMUD, Z. Meningkatkan pendapatan petani kelapa di NAD pasca-tsunami. [Increasing coconut farmer income in NAD after tsunami]/ Mahmud, Z. (Pusat Penelitian dan Pengembangan Tanaman Perkebunan, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(5) p. 14-16, 2 ill.

COCONUTS; COCONUT WATER; HUSKS; AGROINDUSTRIAL SECTOR; PROCESSING; FARM INCOME.

064 MASTUR, A.A. Penataan kelembagaan dan permodalan bagi pengembangan industri berbasis pertanian. [Institution and finance management for agriculture based industrial development]/ Mastur, A.A. (Bank Rakyat Indonesia, Jakarta (Indonesia)). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 36-41, 2 ill.
631.57:631.152/SEM/p bk1

AGROINDUSTRIAL SECTOR; AGRICULTURAL DEVELOPMENT; FINANCIAL INSTITUTIONS; POSTHARVEST TECHNOLOGY; AGRICULTURAL BUDGETS; FOOD TECHNOLOGY.

065 RAZAK, H.H.A. Kakao Indonesia: tantangan dan prospeknya di pasaran dunia. [Indonesian cocoa: its challenge and prospect in world market]/ Razak, H.H.A. Majalah Pangan (Indonesia) ISSN 0852-0607 (2005) v. 14(45) p. 51-54, 1 ill.

THEOBROMA CACAO; PARTNERSHIPS; FARM INCOME; INTERNATIONAL TRADE.

066 SARENGAT, W. Evaluasi model agribisnis itik di Kabupaten Madiun Jawa Timur. Evaluation of duck's agribusiness model in Madiun Region East Java Province/ Sarengat, W.; Ekowati, T. (Universitas Diponegoro, Semarang (Indonesia). Fakultas Peternakan)). Jurnal Pengembangan Penyuluhan Pertanian (Indonesia) ISSN 1858-1625 (2005) v. 1(1) p. 49-59, 2 tables; 9 ref.

DUCKS; AGROINDUSTRIAL SECTOR; MODELS; JAVA.

067 SETYADJIT. Agroindustri puree mangga: mengatasi panen berlimpah. [Mango puree agroindustry: overcoming overharvesting]/ Setyadjit; Widaningrum; Prabawati, S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(5) p. 4-5, 1 ill.

MANGIFERA INDICA; FRUIT PULPS; FOOD TECHNOLOGY; AGROINDUSTRIAL SECTOR; POSTHARVEST TECHNOLOGY; ECONOMIC ANALYSIS.

068 SUISMONO. Model agroindustri beras berbasis kemitraan. [Partnership-based rice agroindustrial model]/ Suismono; Lubis, S.;

Sudaryono; Ramli, A.; Misra, I. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Jakarta (Indonesia)). Majalah Pangan (Indonesia) ISSN 0852-0607 (2005) v. 14(45) p. 43-50, 3 ill., 2 tables; 8 ref.

RICE; AGROINDUSTRIAL SECTOR; QUALITY; MANAGEMENT; PARTNERSHIPS; MODELS.

069 SUPRIYANTO. Pra dan rancang bangun laboratorium agribisnis Desa Air Bening, Kecamatan Bermani Ulu, Kabupaten Rejang Lebong. [Participatory rural appraisal and agribusiness laboratory design in Air Bening, Bermani Ulu, Rejang Lebong]/ Supriyanto; Ruswendi; Gunawan (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)); Apriyanto, D. Prosiding workshop rancang bangun laboratorium agribisnis Prima Tani Bengkulu, Bengkulu 12-13 Des 2006/ Apriyanto, D.; Gunawan; Ruswendi; Hidayat; Ishak, A.; Priyotomo, E.; Dradjat, B. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 71-111 , 19 ill., 31 tables; 10 ref.

SUMATRA; AGROINDUSTRIAL SECTOR; PILOT PROJECTS; RAPID RURAL APPRAISAL; DESIGN; INNOVATION ADOPTION.

070 WIDODO, Y. Tantangan keberlanjutan sistem agribisnis ubi jalar dan kebijakan yang diperlukan. [Challenge of the sustainability of sweet potato agribusiness system and its policies]/ Widodo, Y.; Ginting, E.; Prasetyanti, N. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian: alsin, sosek dan kebijakan, Bogor 7-8 Sep 2005. Buku 2/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F.(eds.). Bogor: BB Pascapanen, 2005: p. 1253-1264, 3 tables; 10 ref.

SWEET POTATOES; AGROINDUSTRIAL SECTOR; INNOVATION; HIGH YIELDING VARIETIES; CONTROL METHODS; POSTHARVEST TECHNOLOGY; PARTNERSHIPS; SUSTAINABILITY.

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

071 PUTRI, N.P. Wanita di sektor informal peran dan kedudukannya dalam rumah tangga: studi kasus pada pekerja wanita di industri jamur Desa Hargobinangun Kecamatan Pakem, Sleman. [Role of women in informal sector and its position in household: case study of worker woman in fungi industry in Hargobinangun, Pakem, Sleman]/ Putri, N.P. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 94-104, 1 ill; 2 tables; 12 ref.
631.001.6/SEM/r

JAVA; ROLE OF WOMEN; FACTORY WORKERS; INFORMAL SECTOR; HOUSEHOLDS; PARTICIPATION; MANPOWER; INCOME; EDIBLE FUNGI; FAMILY BUDGET; QUALITY OF LIFE.

072 SUMARYONO, W. Jamu, perkembangan dan potensinya di masa datang. Jamu, the development and its potency in the future/ Sumaryono, W.; Widihati, R. (Dewan Riset Nasional, Jakarta (Indonesia)). Jurnal Bahan Alam Indonesia (Indonesia) ISSN 1412-2855 (2005) v. 4(2) p. 251-263, 3 ill., 11 tables; 22 ref.

TRADITIONAL MEDICINES; GOVERNMENT; POLICIES; PRODUCT DEVELOPMENT; PUBLIC HEALTH; INDONESIA.

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

073 HERMAWAN, A. Dampak kenaikan harga BBM terhadap integrasi harga beras di Jawa Tengah. [Impact of fuel price on the rice price integration Central Java]/ Hermawan, A; Sularno; Yuwono, D.M. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006 Yogyakarta: UGM, 2006: p. 7-16, 4 ill., 4 tables; 15 ref.
631.001.6/SEM/r

RICE; PRICE FORMATION; MARKET PRICES; PETROLEUM; FUELS; PRICE POLICIES; SUPPLY BALANCE; ECONOMIC SITUATION; JAVA.

074 PURWADI. Transmisi harga ekspor kopi Indonesia ke negara importir utama suatu pendekatan representasi koreksi kesalahan. Price transmission for coffee export from Indonesia to major importing countries error correction representation approach/ Purwadi (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Pertanian); Widodo, S.; Masyhuri; Djuwari. Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 36-52, 6 tables; 26 ref.

COFFEE; PRICES; EXPORTS; IMPORTS; FOREIGN TRADE; INDONESIA.

075 SYARIFA, L.F. Kajian ekonomi sistem sadap di perkebunan besar pada beberapa skenario harga karet. [Economic study of tapping system at large plantation on some rubber price scenario]/ Syarifa, L.F.; Thomas; Sumarmadji. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2005) v. 24(2) p. 8-15, 1 ill., 10 ref.

HEVEA BRASILIENSIS; PLANTATIONS; TAPPING; PRODUCTION COSTS; PRICES; PRODUCTIVITY.

E71 PERDAGANGAN INTERNASIONAL / INTERNATIONAL TRADE

076 SAHUBAWA, R. Skala ekonomi, keterkaitan usaha, dan keberhasilan ekspor sentra usaha perikanan tangkap di Provinsi Maluku. [Economic scale, relationship of effort and successful export of fisheries business centres in Maluku Province]/ Sahubawa, R. (Badan Perencanaan dan Pengembangan Daerah Provinsi Maluku, Ambon (Indonesia)); Widodo, S.; Irham. Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 82-103, 5 tables; 13 ref.

MARINE FISHERIES; FISHING METHODS; EXPORTS; PRODUCTION ECONOMICS; MALUKU.

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

077 IDRIS, F. Pangan dan kesehatan. [Food and health]/ Idris, F. Majalah Pangan (Indonesia) ISSN 0852-0607 (2005) v. 14(45) p. 15-37, 6 ill., 1 table; 7 ref.

FOODS; HEALTH; NUTRITION; ECONOMIC DEVELOPMENT; INDONESIA.

F01 BUDI DAYA TANAMAN / CROP HUSBANDRY

078 AKIL, M. Teknologi budi daya jagung untuk produksi biomas pada lahan marjinal. [Maize cultivation technique for biomass production in marginal land]/ Akil, M. (Balai Penelitian Tanaman Sereal, Maros (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 161-165, 5 tables; 8 ref.
633.1/.9:636/SEM/p

ZEA MAYS; VARIETIES; CULTIVATION; FORAGE; HARVESTING DATE; PLANT POPULATION; SEED; INTEGRATED PLANT PRODUCTION; BIOMASS; MARGINAL LAND.

079 ARIFIN, Z. Perbaikan sistem tanam dalam budi daya jagung di lahan tadah hujan. [Planting system improvement on maize cultivation in rainfed land]/ Arifin, Z. Buletin Teknologi dan Informasi Pertanian (Indonesia) ISSN 1410-8976 (2005) v. 8 p. 26-33, 1 table; 11 ref

ZEA MAYS; RAINFED FARMING; CULTIVATION; VARIETIES; TECHNOLOGY.

080 ASWARDI. Kajian mutu gambir di Kabupaten Pesisir Selatan. [Assessment of gambier quality in Pesisir Selatan Regency]/ Aswardi; Iswari, K.; Harnel (Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian: alsin, sosek dan kebijakan, Bogor 7-8 Sep 2005. Buku 2/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.;

Suaib, F.(eds.). Bogor: BB Pascapanen, 2005: p. 1192-1200, 1 ill., 5 tables; 10 ref.

UNCARIA GAMBIR; SPECIES; MIXED CROPPING; HIGHLANDS; SHADING; COMMINUTION; CATECHIN; QUALITY; ORGANOLEPTIC PROPERTIES; SUMATRA.

081 BALAI BESAR PENELITIAN DAN PENGEMBANGAN BIOTEKNOLOGI DAN SUMBERDAYA GENETIK PERTANIAN. Varietas unggul padi sawah tahan HDB (hawar daun bakteri). [Irrigated rice high yielding varieties resistance to bacterial disease]/ Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor (Indonesia). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2007) v. 29(4) p. 17-18, 1 ill., 1 table.

ORYZA SATIVA; IRRIGATED RICE; HIGH YIELDING VARIETIES; DISEASE RESISTANCE; BACTERIOSES.

082 BASUKI, T. Keberadaan padi ladang lokal dan budi dayanya di Kabupaten Timor Tengah Utara, Provinsi Nusa Tenggara Timur. [Existence of local upland rice and its cultivation in Timor Tengah Utara Regency East Nusa Tenggara]/ Basuki, T. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.) Bogor: BBP2TP, 2006: p. 205-212, 2 tables; 5 ref.
633.1/.9:636/SEM/p

ORYZA SATIVA; UPLAND RICE; MIXED CROPPING; CROP MANAGEMENT; TRADITIONAL FARMING; DRY FARMING; INDIGENOUS KNOWLEDGE; CULTURAL METHODS; NUSA TENGGARA.

083 BUDIMAN, A.F.S. Perkembangan global karet alam dan tantangan bagi Indonesia. [Global development of natural rubber and challenge for Indonesia]/ Budiman, A.F.S. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2005) v. 24(2) p. 1-7, 4 ref.

HEVEA BRASILIENSIS; PRODUCTION; INDONESIA.

084 CHOLID, M. Pengaruh pemangkasan terhadap pertumbuhan dan produksi jarak pagar (*Jatropha curcas* L.). [Pruning effect on the growth and production of *Jatropha curcas* L.]/ Cholid, M.; Ramli, M.; Istina, H. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 72-79, 4 ill., 4 tables; 8 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PRUNING; PLANTING STOCK; CUTTINGS; SEEDLINGS; GROWTH; YIELDS.

085 DARWATI, I. Status penelitian purwoceng (*Pimpinella alpina* Molk.) di Indonesia. [Research status of purwoceng (*Pimpinella alpina* Molk.) in Indonesia]/Darwati, I. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)); Roostika, I. Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 9-15, 1 ill., 4 tables; 16 ref.

PIMPINELLA; CULTIVATION; IN VITRO CULTURE; BIOCHEMISTRY; PHARMACOLOGY; PLANT EXTRACTS; INDONESIA.

086 DJAAFAR, T.F. Si manis madu dari Sleman. [Salacca var. Pondoh from Sleman]/ Djaafar, T.F.; Rahayu, S. (Balai Pengkajian Teknologi Pertanian Yogyakarta (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 15-16, 1 ill., 1 table.

SALACCA EDULIS; CULTIVATION; PRODUCTION; JAVA.

087 ELIESTYA P., S. Peluang pengembangan lidah buaya (*Aloe vera*) di lahan eks-PLG Kabupaten Kapuas. [Prospect of *Aloe vera* development in ex-peatland management project (PLG) at Kapuas Regency]/ Eliestya P., S.; Bhermana, A.; Masganti (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)).

Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 103-112, 1 ill., 1 table; 23 ref.
631.445.9/LOK/p

ALOE BARBADENSIS; AGRICULTURAL DEVELOPMENT; PEATLANDS; LAND USE; KALIMANTAN.

088 ERYTHRINA. Jarak tanam dan pemupukan fosfat pada tanaman jarak pagar (*Jatropha curcas* L.) di Provinsi Lampung. [Plant spacing and phosphate fertilizer on *Jatropha curcas* L. in Lampung Province]/ Erythrina (Balai Pengkajian Teknologi Pertanian Lampung, Bandar Lampung (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 43-49, 1 ill., 5 tables; 13 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; SPACING; PHOSPHATE FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; GROWTH; YIELD COMPONENTS; YIELDS.

089 FAESAL. Teknologi produksi biomas jagung mendukung penyediaan pakan ternak sapi pada lahan sub optimal. [Production technology of maize biomass in supporting cattle feed in sub-optimum land]/ Faesal; Syuryawati (Balai Penelitian Tanaman Sereal, Maros (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 166-171, 4 tables; 14 ref.
633.1/.9:636/SEM/p

ZEA MAYS; CATTLE; FEEDS; BIOMASS; PRODUCTION; TECHNOLOGY; LAND.

090 HARAHAP, I.Y. Keragaan awal pertumbuhan dan potensi produktivitas berbagai varietas kelapa sawit yang di tanam dengan populasi tinggi. [Early growth performance and productivity of some oil palm varieties planted with high population]/ Harahap, I.Y.; Pangaribuan, Y.; Listia, E. (Pusat Penelitian Kelapa Sawit, Medan (Indonesia)). Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2006) v. 14(1) p. 1-10, 2 ill., 5 tables; 5 ref.

ELAEIS GUINEENSIS; VARIETIES; GROWTH; PRODUCTIVITY,PLANT POPULATION; CROP PERFORMANCE.

091 HARWANTO. Implementasi budi daya tanaman kentang ramah lingkungan. [Implementation of environment friendly potato cultivation]/ Harwanto (Balai Pengkajian Teknologi Pertanian (BPTP) Jawa Timur, Malang (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia) ISSN 1410-8976 (2005) v. 8 p. 34-43, 2 ill., 8 tables; 8 ref

SOLANUM TUBEROSUM; CULTIVATION; HIGHLANDS; SEED; MULCHES; YIELDS; PEST CONTROL; DISEASE CONTROL.

092 HASNAM. Status perbaikan dan penyediaan bahan tanaman jarak pagar (*Jatropha curcas* L.). [Improvement and planting stock of *Jatropha curcas* L.]/ Hasnam (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 7-16, 2 ill., 7 tables; 14 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PLANTING STOCK; PLANT PROPAGATION; AGRICULTURAL DEVELOPMENT; COST BENEFIT ANALYSIS; SEED PRODUCTION.

093 IRAWATI, A. Keragaan produksi padi varieties unggul baru tipe baru (VUTB) dan varietas unggul baru (VUB) di Lampung: keragaan produksi padi varieties unggul tipe baru (VUTB) dan varietas unggul baru (VUB) di Lampung. Performance of production of new plant type rice variety and new plant rice variety in Lampung/ Irawati, A. (Balai Pengkajian Teknologi Pertanian Lampung,

Bandar Lampung (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang 8 Nov 2007/ Muryanto; Prasetyo, T.; Prawirodigno, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 152-156, 1 ill., 2 tables; 4 ref.

ORYZA SATIVA; HIGH YIELDING VARIETIES; PRODUCTION.

094 KAMANDALU, A.A.N.B. Tanam benih langsung legowo 2:1 suatu alternatif inovasi teknologi tanam padi pada Prima Tani lahan sawah intensif. [Direct sowing legowo 2:1 an alternative of rice technology innovation on intensive lowland]/ Kamandalu, A.A.N.B.; Suastika, I B.K. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa, Bogor, 27 Aug 2007/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.). Bogor: BBP2TP, 2007: p. 118-124, 4 tables; 11 ref.

ORYZA SATIVA; IRRIGATED RICE; DIRECT SOWING; INNOVATION ADOPTION; COST BENEFIT ANALYSIS.

095 KANTUR, D. Kajian defoliasi sorgum pada tumpangsari dengan kacang hijau. [Assessment of sorghum defoliation on intercropping with mungbean]/ Kantur, D. (Politeknik Pertanian Negeri, Kupang (Indonesia)); Prajitno, D.; Yudono, P. Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 57-65, 1 ill; 4 tables; 9 ref.
631.001.6/SEM/r

SORGHUM BICOLOR; VIGNA RADIATA RADIATA; CROP MANAGEMENT; DEFOLIATION; YIELD COMPONENTS.

096 LAUTT, B.S. Padi gogo toleran terhadap naungan: 1. identifikasi sifat toleran pada kondisi defisit cahaya. Upland rice tolerant to shaded condition: 1. identification of characters for tolerance to low light intensity/ Lautt, B.S. (Universitas Palangka Raya (Indonesia). Fakultas Pertanian); Setiawan, K. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 33-38, 4 ill., 14 ref.

ORYZA SATIVA; UPLAND RICE; GENETIC RESISTANCE; LIGHT REQUIREMENTS; SHADE; LIGHT REGIMES; RESPIRATION; PHOTOSYNTHESIS; STARCH; SUGARS.

097 LAUTT, B.S. Padi gogo toleran terhadap naungan: 2. Identifikasi kandungan pigmen pada kondisi defisit cahaya. Upland rice tolerant to shading: 2. Identification of pigment content in low light intensity/Lautt, B.S. (Universitas Palangkaraya (Indonesia). Fakultas Pertanian); Setiawan, K. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 83-89, 4 ill., 1 table; 13 ref.

UPLAND RICE; LIGHT REQUIREMENTS; SHADING; GENETIC RESISTANCE; LIGHT REGIMES; RESPIRATION RATE; CHLOROPHYLLS; CAROTENOIDS.

098 NURMAULI, N. Pengaruh populasi dan dosis urea pada hasil jagung hibrida. Effect of population and urea on the yield of maize hybrid/ Nurmauli, N.; Hamim, H. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian). Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 9-13, 1 ill., 5 tables; 11 ref.

ZEA MAYS; HYBRIDS; UREA; FERTILIZER APPLICATION; DOSAGE EFFECTS; PLANT POPULATION; SPACING; APPLICATION RATES; YIELD COMPONENTS.

099 PRASTOWO, B. Peranan teknologi budi daya tanaman perkebunan dan tanaman industri untuk memanfaatkan ketahanan pangan. [Role of estate and industrial crops cultivation technique in stabilizing food security and improving dryland farm income]/ Prastowo, B.; Luntungan, H.T. (Pusat Penelitian dan Pengembangan Tanaman Perkebunan, Bogor (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 43-57, 2 ill., 6 ref.
633.1/.9:636/SEM/p

INDUSTRIAL CROPS; CULTIVATION; INDUSTRIAL DEVELOPMENT;

APPROPRIATE TECHNOLOGY; PRODUCTION INCREASE; TECHNOLOGY TRANSFER; FOOD SECURITY; FARM INCOME; DRY FARMING.

100 PURBIATI, T. Jambu air camplong buah unggulan Sampang Madura. ["Camplong" water guava, superior fruit of Sampang Madura]/ Purbiati, T.; Suryadi, A. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(5) p. 16-17, 1 ill., 1 table.

PSIDIUM; AGRONOMIC CHARACTERS; CULTIVATION; APPROPRIATE TECHNOLOGY.

101 RAHMAWATI. Penanganan panen dan pascapanen benih jagung. [Harvesting and postharvest handling of maize seed]/ Rahmawati; Sinuseng, Y.; Saenong, S. (Balai Penelitian Tanaman Serealia, Maros (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 138-147, 8 ill., 6 tables; 11 ref.
633.1/.9:636/SEM/p

MAIZE; SEED; HARVESTING DATE; HANDLING; POSTHARVEST TECHNOLOGY; DRYING; DRYERS; SEED MOISTURE CONTENT; GRADING; PACKAGING MATERIALS; SEED STORAGE.

102 RASYID, H. Optimalisasi kandungan gizi, pertumbuhan, dan hasil jamur tiram merah (*Pleurotus flabellatus*) akibat dari pemberian konsentrasi tepung jagung dan macam suplemen. [Effects of corn flour concentration and supplements on nutrition content, growth and yield of oyster red mushroom (*Pleurotus flabellatus*)]/ Rasyid, H. (Universitas Muhammadiyah Malang (Indonesia). Fakultas Pertanian). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 178-190, 9 tables; 22 ref.

PLEUROTUS; GROWTH; YIELDS; CULTURE MEDIA; PROXIMATE COMPOSITION; CORN FLOUR; SUPPLEMENTS.

103 RUSMIN, D. Manfaat dan budi daya wijen (*Sesamum indicum*). [Cultivation of sesame (*Sesamum indicum*)]/ Rusmin, D. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia) ISSN 0853-8204 (2007) v. 13(1) p. 11-14, 2 tables.

SESAMUM INDICUM; CULTIVATION; CHEMICAL COMPOSITION; HARVESTING; POSTHARVEST TECHNOLOGY.

104 SABRAN, M. Pewilayahan tanaman jarak pagar (*Jatropha curcas* L.) berbasis model simulasi tanaman di Kalimantan Selatan . [Plantation zoning of *Jatropha curcas* L. based on plant simulation model at South Kalimantan Province]/ Sabran, M.; Djufry, F. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 50-57, 5 ill., 6 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PLANTATIONS; AGRICULTURAL DEVELOPMENT; GEOGRAPHIC INFORMATION SYSTEMS; SIMULATION MODELS; KALIMANTAN.

105 SARASWATI, D.P. Pewilayahan potensi pengembangan gandum di Jawa Timur. [Regionalization of wheat development potency in East Java]/ Saraswati, D.P.; Budiono, R.; Roesmarkam, S. Buletin Teknologi dan Informasi Pertanian (Indonesia) ISSN 1410-8976 (2005) v. 8 p. 18-25, 9 ill., 2 tables; 7 ref.

WHEATS; AGROECOSYSTEMS; ANDOSOLS; JAVA.

106 SARWANI, M. Permasalahan, penanganan budi daya dan prospek agribisnis jeruk di lahan gambut. [Problems, cultivation handling, and agribusiness prospect of orange farming in peatland]/ Sarwani, M. (Balai

Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)); Alihamsyah, T. Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Lokakarya Pengelolaan Lahan Pasang Surut di Kalimantan Tengah. Palangka Raya:16 Dec 2004. Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 67-77, 2 tables; 17 ref.
631.445.9/LOK/p

CITRUS; CULTIVATION; AGRICULTURAL DEVELOPMENT; AGROINDUSTRIAL SECTOR; FARMING SYSTEMS; PEATLANDS; LAND SUITABILITY.

107 SERAN, Y.L. Pengembangan sistem usaha tani jagung organik dalam upaya peningkatan pendapatan petani di lahan kering. [Developing organic maize farming systems in increasing farmers income in dryland]/ Seran, Y.L. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usahatani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 172-179, 3 ill., 4 tables; 6 ref.
633.1/.9:636/SEM/p

ZEA MAYS; CULTIVATION; ORGANIC AGRICULTURE; ORGANIC FERTILIZERS; FARMYARD MANURE; WASTE UTILIZATION; FERTILIZER APPLICATION; APPLICATION RATES; FARMING SYSTEMS; FARM INCOME; PRODUCTIVITY; DRY FARMING.

108 SUMIATI, E. Perbaikan produksi jamur tiram dengan modifikasi bahan baku utama media bibit. Improving oyster mushroom production through modification of main raw materials of spawn media/ Sumiati, E.; Suryaningsih, E.; Puspitasari (Balai Penelitian Tanaman Sayuran, Lembang (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(2) p. 119-128, 5 tables; 16 ref. Appendix.

PLEUROTUS OSTREATUS; GROWING MEDIA; MYCELIUM; GROWTH; CULTURE MEDIA; SEED; PRODUCTION.

109 SUPRIYANTO, P. Pengaruh naungan dan komposisi media tanam terhadap pertumbuhan awal tanaman kapulaga (*Amomum cardamomum* Wild.). Effect of the shelter and composition of growing medium on the early growth of cardamon/ Supriyanto, P. (Institut Pertanian Stiper, Yogyakarta (Indonesia). Fakultas Pertanian). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 11-16, 2 tables; 7 ref.

ELETTARIA CARDAMOMUM; SHADING; GROWING MEDIA; GROWTH.

110 SUPRIYANTO, P. Pengaruh pengaturan jarak tanam dan pemberian triakontanol pengaruhnya terhadap pertumbuhan dan hasil tanaman bunga matahari (*Helianthus annuus* Linn.). Influence of the plant distance and triacontanol on both of growth and yield of sunflower/ Supriyanto, P. (Institut Pertanian Stiper, Yogyakarta (Indonesia). Fakultas Pertanian). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 1-9, 3 tables; 11 ref.

HELIANTHUS ANNUUS; SPACING; GROWTH; YIELDS; PLANT GROWTH SUBSTANCES.

111 SUSILAWATI. Perbaikan teknologi usaha tani pisang kepok di Kabupaten Pulang Pisau. [Technology improvement of banana cultivar kepok farming systems at Pulang Pisau Regency]/ Susilawati (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Lokakarya Pengelolaan Lahan Pasang Surut di Kalimantan Tengah. Palangka Raya:16 Dec 2004. Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 148-153, 2 ill., 1 table; 9 ref.
631.445.9/LOK/p

MUSA PARADISIACA; FARMING SYSTEMS; APPROPRIATE TECHNOLOGY; EXTENSIFICATION; SPACING; FERTILIZER APPLICATION; GROWTH.

112 WIBOWO, A. Interaksi antara *Trichoderma* spp. dengan jamur shitake (*Lentinus edodes*). [Interaction of *Trichoderma* spp. with shitake fungi (*Lentinus edodes*)]/ Wibowo, A.; Sumardiyono, C.;

Risnawati, D. (Universitas Gadjah Mada,Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 34-42, 3 ill; 2 tables; 17 ref.
631.001.6/SEM/r

LENTINULA EDODES; CULTIVATION; TRICHODERMA; BIOLOGICAL CONTAMINATION; ANTAGONISM; BIOLOGICAL COMPETITION.

113 ZAINI, Z. Percepatan alih teknologi pengelolaan tanaman terpadu melalui penanda padi. Accelerated adoption smallholders' integrated crop management through Rice check/ Zaini, Z. (Balai Pengkajian Teknologi Pertanian Lampung, Bandar Lampung (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 61-69, 2 ill., 1 table; 10 ref.
631.152/SEM/p bk1

ORYZA SATIVA; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; CULTURAL METHODS; TECHNOLOGY TRANSFER; FARMING SYSTEMS; PROFITABILITY; YIELD INCREASES; GROSS MARGINS.

F02 PERBANYAKAN TANAMAN / PLANT PROPAGATION

114 ARDIAN. Pertumbuhan dan perbanyakan tunas mikro tanaman nilam Aceh secara *in vitro* pada lima konsentrasi sukrosa. *In vitro* growth and shoot proliferation of nilam Aceh at five levels of sucrose concentration/ Ardian (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian); Desery, D.D. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 110-114, 3 ill., 1 table; 17 ref.

POGOSTEMON CABLIN; IN VITRO REGENERATION; SUCROSE; DOSAGE; GROWTH RATE; CALLUS; SHOOTS; EXPLANTS.

115 ARSYAD, D.M. Pemberdayaan kelompok tani sebagai penangkar benih padi dan palawija. [Empowerment of farmer group as seed producer of rice and palawija]/ Arsyad, D.M.; Mardiharini, M. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor (Indonesia)). Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa, Bogor 27 Aug 2007/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.). Bogor: BBP2TP, 2007: p. 223-228, 2 tables; 5 ref.

ORYZA SATIVA; ZEA MAYS; GLYCINE MAX; VIGNA RADIATA RADIATA; SEED PRODUCTION; FARMERS ASSOCIATIONS.

116 FERRY, Y. Pengaruh setek tanam langsung terhadap pertumbuhan dan produksi jarak pagar (*Jatropha curcas*). [Effect of direct sowing of cuttings on the growth and production of *Jatropha curcas*]/ Ferry, Y.; Pranowo, D.; Herman, M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 27-29, 1 table; 5 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; CUTTINGS; PLANT PROPAGATION; DIRECT SOWING; GROWTH; YIELDS.

117 GUNADI, N. Pertumbuhan dan hasil 20 progeni kentang asal biji botani di dataran tinggi Pangalengan, Jawa Barat. Growth and yield of 20 TPS (true potato seed) progenies in the highland of Pangalengan, West Java/ Gunadi, N. (Balai Penelitian Tanaman Sayuran, Lembang (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(2) p. 108-118, 6 tables; 18 ref.

SOLANUM TUBEROSUM; PROGENY; SEED; GROWTH; YIELDS; JAVA.

118 PRAWOTO, A.A. Peranan auksin dan iklim mikro dalam keberhasilan penyetekan kakao (*Theobroma cacao* L.). Role of auxin and microclimate on the success of rooted cuttings of cocoa/ Prawoto, A.A. (Balai

Penelitian Kopi dan Kakao, Jember (Indonesia)); Arifin; Bachri, S.; Setyaningtyas, K.C. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2007) v. 23(1) p. 17-37, 4 ill, 9 tables; 32 ref.

THEOBROMA CACAO; CUTTINGS; AUXINS; MICROCLIMATE.

119 RAHMAWATI, F. Pengaruh periode reseptif stigma dan posisi anther terhadap pembentukan kalus pada kultur anther *Anthurium andraeanum* Linden ex Andre. Effects of stigma reseptive period and ather position on callus formation in anther culture of *Anthurium andraeanum* Linden ex Andre/ Rahmawati, F.; Winarto, B. (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)). Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 39-45, 2 ill., 3 tables; 28 ref.

ANTHURIUM ANDRAEANUM; ANTHER CULTURE; CALLUS; GYNAECIUM; PLANT DEVELOPMENTAL STAGES; PLANT RESPONSE.

120 SIMATUPANG, S. Pengkajian substitusi aquades dengan sumber air lainnya pada perbanyakan mikro pisang Barangan dan stroberi. Study on substitution of distilled water by other water sources on micro multiplication of Barangan banana and strowberry/ Simatupang, S. (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 299-306, 5 tables; 19 ref.

MUSA; FRAGARIA VESCA; SEEDLINGS; VITROPLANTS; WATERING; WATER RESOURCES.

121 SUMANTO. Pengaruh media dan waktu panen buah terhadap pertumbuhan bibit jarak pagar (*Jatropha curcas* L.). [Effect of growing media and fruit harvesting time on *Jatropha curcas* seed growth]/ Sumanto (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 103-106, 2 tables; 6 ref.

633.853.3-117/LOK/p c2

JATROPHA CURCAS; SEEDLINGS; PLANT NURSERIES; GROWING MEDIA; HARVESTING DATE; GROWTH.

122 SUMARJI. Pengaruh lama perendaman dan konsentrasi suburi liquid terhadap pertumbuhan stek anggur (*Vitis vinifera*) varietas anggur kuning Kediri bersemi. [Influence of soaking period and Suburi liquid concentration on growth of grape (*Vitis vinifera*) var.Yellow Kediri cuttings]/ Sumarji (Universitas Islam Kediri (Indonesia). Fakultas Pertanian). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 213-222, 9 tables; 8 ref.

VITIS VINIFERA; VARIETIES; PLANT GROWTH SUBSTANCES; SOAKING; GROWTH; CUTTINGS; STUMP.

123 UNTARI, R. Aklimatisasi bibit anggrek hitam (*Coelogyne pandurata* Lindl.). Acclimatization of black orchid (*Coelogyne pandurata* Lindl.) seedling/ Untari, R. (Institut Pertanian Bogor (Indonesia). Fakultas Kehutanan); Sandra, E.; Puspitaningtyas, D.M. Buletin Kebun Raya Indonesia (Indonesia) ISSN 0125-96/X (2007) v. 10(1) p. 13-19, 3 tables; 16 ref.

ORCHIDACEAE; ORNAMENTAL PLANTS; SEEDLINGS; IN VITRO CULTURE; NAA; ADAPTATION.

124 WINARTO, B. Pengaruh eksplan dan media kultur terhadap regenerasi *in vitro* tunas adventif tanaman mawar. Effect of explant types and culture media on the *in vitro* regeneration of adventitious shoots of rose/ Winarto, B. (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)). Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 67-73, 3 ill., 4 tables; 22 ref.

ROSA; EXPLANTS; CULTURE MEDIA; IN VITRO REGENERATION; CALLUS; SHOOTS; VITROPLANTS.

F03 PRODUKSI DAN PERLAKUAN BENIH / SEED PRODUCTION AND PROCESSING

125 BASWARSIATI. Teknologi produksi benih bawang merah dan beberapa

permasalahannya. [Production technology of shallot seed and its problem]/ Baswarsiati (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang (Indonesia)). Buletin Teknologi dan Informasi Pertanian (Indonesia) ISSN 1410-8976 (2005) v. 8 p. 44-54, 12 ref.

ALLIUM ASCALONICUM; SEED PRODUCTION; STORAGE; PLANTING; PEST CONTROL; DISEASE CONTROL; YIELDS.

126 FAESAL. Pembinaan produksi dan distribusi benih sumber jagung komposit di Provinsi Nusa Tenggara Timur. [Production and breeders seed distribution of composite maize in East Nusa Tenggara]/ Faesal; Mejaya. M.J.; Saenong, S. (Balai Penelitian Tanaman Serealia, Maros (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 132-137, 1 ill., 3 tables; 8 ref.
633.1/.9:636/SEM/p

ZEA MAYS; VARIETIES; SEED PRODUCTION; BREEDERS SEED; CROP MANAGEMENT; HIGH YIELDING VARIETIES; POPULATION DISTRIBUTION; NUSA TENGGARA.

127 HARNOWO, D. Jabal system: its performance and potential for soybean seed provision and agri-business/ Harnowo, D. (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian: alsin, sosek dan kebijakan, Bogor 7-8 Sep 2005. Buku 2/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F.(eds.). Bogor: BB Pascapanen, 2005: p. 1153-1162, 3 ill., 19 ref.

SOYBEANS; SEED PRODUCTION; SEED COLLECTION; CROP ROTATION; PLANTING DATE; SEED INDUSTRY; PRODUCTION POSSIBILITIES; AGROINDUSTRIAL SECTOR; FARM INCOME.

128 SAENONG, S. Peran perbenihan tanaman pangan dalam mendukung program ketahanan pangan dan peningkatan pendapatan petani di lahan kering. [Role of food crops seed production in supporting food security and increasing farmers income in dryland]/ Saenong, S.; Margaretha S.L. (Balai Penelitian Tanaman Serealia, Maros (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 99-106, 7 tables; 12 ref.
633.1/.9:636/SEM/p

ZEA MAYS; MAIZE; SEED PRODUCTION; BREEDERS SEED; SEED STORAGE; SEED CHARACTERISTICS; VIGOUR; TECHNOLOGY; HIGH YIELDING VARIETIES; FOOD SECURITY; FARM INCOME; DROUGHT RESISTANCE.

129 SOEDOMO, R.P. Pengaruh kemasan terhadap daya simpan umbi, bibit, pertumbuhan, dan hasil bawang putih. Effect of packaging materials on the keeping quality of seed bulbs, the growth, and field performance of garlic/ Soedomo, R.P. (Balai Penelitian Tanaman Sayuran, Lembang, Bandung (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 283-289, 3 tables; 14 ref.

ALLIUM SATIVUM; BULBS; SEED; PACKAGING; STORAGE; GROWTH; QUALITY; YIELDS.

F04 PEMUPUKAN / FERTILIZING

130 ALWI, M. Pengelolaan hara dan amelioran di lahan gambut dangkal yang ditanami kedelai. [Soil and ameliorant management on shallow peat land cultivated with soybean]/ Alwi, M.; Anwar, K. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 123-132, 9 tables; 33 ref.
631.445.9/LOK/p

GLYCINE MAX; PEATLANDS; SOIL MANAGEMENT; FERTILIZER APPLICATION; LIMING; SOIL CHEMICOPHYSICAL PROPERTIES; CROP YIELD.

131 AR-RIZA, I. Pengelolaan hara dalam budi daya padi di lahan pasang surut. [Soil nutrient management on rice farming in intertidal land area]/ Ar-riza, I. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 113-122, 4 ill., 2 tables; 21 ref.
631.445.9/LOK/p

ORYZA SATIVA; SOIL MANAGEMENT; FERTILIZER APPLICATION; LIMING; TIDES; SOIL CHEMICOPHYSICAL PROPERTIES; CROP YIELD.

132 ASTUTI, Y.T.M. Pengaruh penggunaan pupuk daun terhadap pertumbuhan tomat dalam kultur jaringan. Effect of foliar fertilizer on tissue culture of tomato at the tissue culture laboratory/ Astuti, Y.T.M. (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Pertanian). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 39-47, 1 table; 8 ref.

LYCOPERSICON ESCULENTUM; GROWTH; TISSUE CULTURE; FOLIAR APPLICATION; FERTILIZER APPLICATION.

133 DARMAN, S. Penurunan aktivitas aluminium monomerik dan hasil kedelai akibat pemberian ekstrak kompos limbah tandan buah sawit dan pupuk fosfat pada *Oxic dystrudepts*. [Effects of oilpalm waste compost and phosphate fertilizer application on decreasing of monomeric Aluminium activity in *Oxic dystrudepts*]/ Darman, S. (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 121-128, 1 ill., 4 tables; 16 ref.

GLYCINE MAX; COMPOSTS; OIL PALMS; AGRICULTURAL WASTES; EXTRACTS; ALUMINIUM; PHOSPHATE FERTILIZERS; YIELDS.

134 ELFIANI. Kebutuhan pupuk SP-36 dan KCl untuk lahan sawah di Kec. Rambah Samo, Rokan Hulu, Riau. Requirement of Sp-36 and KCl fertilizer in lowland rice at Rambah Samo, Sub District, Rokan Hulu, Riau (Indonesia)/ Elfiani (Balai Pengkajian Teknologi Pertanian Riau, Pekanbaru (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 27-32, 4 tables; 8 ref.
631.152/SEM/p bk1

IRRIGATED LAND; SUPERPHOSPHATE; POTASH FERTILIZERS; SOIL FERTILITY; NUTRITIONAL REQUIREMENTS; FERTILIZER APPLICATION; SUMATRA.

135 ERNAWATI. Pengaruh pemberian pupuk organik terhadap peningkatan pertumbuhan dan produksi padi gogo varietas Batutegi. Effect of organic fertilizer on increasing of the growth and yield of Batutegi variety upland rice/ Ernawati, R. (Balai Pengkajian Teknologi Pertanian Lampung, Natar (Indonesia). Jurnal Tanah Tropika (Indonesia) ISSN 0852-257X (2005) v. 11(1) p. 47-51, 3 tables; 14 ref.

UPLAND RICE; ORGANIC FERTILIZERS; APPLICATION RATES; GROWTH; YIELD COMPONENTS; YIELDS.

136 FATHURRAHMAN. Karakteristik tumbuh, kadar N biji, dan pengaruh komponen hasil terhadap hasil kacang gude [*Cajanus cajan* (L.) Millsp] galur ICPL 84031 akibat pemupukan P dan pemulsaan jerami padi pada berbagai jarak tanam. [Effects of phosphate fertilizer and rice straw mulches on the growth characteristic seed nitrogen content and yield component at different spacing of pigeon pea/ Fathurrahman (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 129-134, 3 ill., 1 table; 10 ref.

CAJANUS CAJAN; PHOSPHATE FERTILIZERS; STRAW MULCHES; SPACING; YIELD COMPONENTS; CROP PERFORMANCE

137 HANDOYO, J. Pengaruh pupuk lepas lambat (SRF) terhadap produksi padi sawah: Pengaruh pupuk lepas lambat (SRF) terhadap produksi padi sawah. [Effect of slow release fertilizer on the lowland rice production]/ Handoyo, J.; Basuki, S.; Supadmo, H. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang 8 Nov 2007/ Muryanto; Prasetyo, T.; Prawirodigno, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 250-263, 15 tables; 8 ref.

ORYZA SATIVA; IRRIGATED RICE; FERTILIZER APPLICATION; PLANT PRODUCTION; DOSAGE; SOIL ANALYSIS; YIELDS.

138 HELMI. Petak omisi sebagai dasar penentuan rekomendasi pemupukan N, P, dan K padi secara partisipatif. Omission plot as determination bases of N, P, and K fertilizer recommendation for lowland rice participatively/ Helmi; Nieldalina (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BP2TP, 2007: p. 120-126, 9 tables; 4 ref.
631.152/SEM/p bk1

ORYZA SATIVA; NPK FERTILIZERS; FERTILIZER APPLICATION; DOSAGE; FIELD SIZE; NUTRIENT AVAILABILITY; LAND PRODUCTIVITY; CROP PERFORMANCE.

139 HINDERSAH, R. Akumulasi Pb dan Cd pada buah tomat yang ditanam di tanah mengandung lumpur kering dari instalasi pengolahan air limbah PDAM. [Pb and Cd accumulation on tomatoes planted on soil contained dried sludge from waste water installation of PDAM (Local Corporation of Drinking Water)]/ Hindersah, R. (Universitas Padjadjaran, Bandung (Indonesia). Fakultas Pertanian); Kalay, A.M.; Muntalif, B.S. Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 74-77, 2 ill., 14 ref.

LYCOPERSICON ESCULENTUM; SOIL FERTILITY; GROWING MEDIA; SOLID WASTES; INDUSTRIAL WASTES; HEAVY METALS.

140 HOSANG, E.Y. Penggunaan mikoriza pada usaha tani sawah dalam rangka peningkatan produktivitas untuk kecukupan pangan dan peningkatan pendapatan petani. [Mycorrhizae application on irrigated in improving productivity for food sufficiency and increasing farmers income]/ Hosang, E.Y.; Ngongo, Y. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 187-193, 5 tables; 7 ref.
633.1/.9:636/SEM/p

ORYZA SATIVA; VIGNA RADIATA RADIATA; IRRIGATED LAND; MYCORRHIZAE; BIOFERTILIZERS; CROP MANAGEMENT; FERTILIZER APPLICATION; APPLICATION RATES; AGRONOMIC CHARACTERS; PRODUCTION INCREASE; FARM INCOME; FOOD STOCKS.

141 ISNAINI, S. Perubahan kandungan karbon, nitrogen, dan nisbah C:N bahan organik pada dua sistem olah tanah sawah yang dipupuk nitrogen dan kalium. Change of carbon, nitrogen, and C-to-N ration organic matter content on two tillage lowland rice with nitrogen and potassium fertilization/ Isnaini, S. (STIPER Dharma Wacana, Lampung (Indonesia)). Jurnal Tanah Tropika (Indonesia) ISSN 0852-257X (2005) v. 11(1) p. 1-8, 3 tables; 24 ref.

CARBON; NITROGEN; POTASSIUM; ORGANIC MATTER; TILLAGE; FERTILIZER APPLICATION; APPLICATION RATES; DEGRADATION; LOWLAND.

142 KARIADA, I K. Pengaruh pupuk organik cair (bio urine sapi) terhadap pertumbuhan dan hasil tanaman jagung QPM. [Effect of

liquid organic fertilizer on the growth and yield of maize]/ Kariada, I K.; Aribawa, I.B. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)); Hosang, E.Y. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 125-131, 5 tables; 12 ref.
633.1/.9:636/SEM/p

ZEA MAYS; ORGANIC FERTILIZERS; LIQUID MANURES; URINE; FERTILIZER APPLICATION; DOSAGE EFFECTS; GROWTH; YIELD COMPONENTS; IRRIGATED LAND; ECONOMIC ANALYSIS.

143 KASNO, A. Kalibrasi hara P dan K lahan sawah bermineral liat 1:1 untuk padi berpotensi hasil tinggi. [P and K nutrient calibration in clay mineral soil 1:1 for high yield potential rice]/ Kasno, A.; Nurjaya; Setyorini, D. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 89-110, 5 ill., 12 tables; 18 ref.
631.4/SEM/p

ORYZA SATIVA; PHOSPHATE FERTILIZERS; POTASH FERTILIZERS; VARIETIES; QUALITY; SOIL CHEMICOPHYSICAL PROPERTIES; YIELDS.

144 MASHUDI. Aplikasi media sapih dan dosis pupuk terhadap pertumbuhan bibit pulai di persemaian. Application of growth media and fertilizer dosage on *Alstonia scholaris* (L.) R. Br seedling grown at nursery/ Mashudi; Setiadi, D.; Hamdan A.A.; Ismail, B. (Pusat Penelitian dan Pengembangan Hutan Tanaman, Bogor (Indonesia)). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 27-38, 4 tables; 11 ref.

ALSTONIA; GROWING MEDIA; FERTILIZER APPLICATION; DOSAGE; SEEDLINGS; PLANT NURSERIES; GROWTH.

145 MUHARDI. Pertumbuhan dan hasil jagung manis yang diberi berbagai bahan organik di lahan kering daerah Palu. [Effects of various organic matter on the growth and yield of sweet corn on dryland in Palu]/ Muhardi (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 140-144, 4 tables; 13 ref.

ZEA MAYS; SWEET CORN; ORGANIC MATTER; ORGANIC FERTILIZERS; GROWTH; YIELDS; TIMING; FERTILIZER APPLICATION; DRY FARMING; SULAWESI.

146 MUTALIB, A. Pemanfaatan lahan kritis bekas galian tambang semen dengan menggunakan amelioran organik untuk produksi jagung (*Zea mays*). [Effects of phosphate dissolving bacterium and mycorrhizae utilization on the growth of maize on critical land ex mine digging]/ Mutalib, A. (Politeknik Pertanian Negeri Pangkep (Indonesia)); Mujnisa, A. Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 109-113, 3 tables; 6 ref.

ZEA MAYS; PHOSPHATE FERTILIZERS; DISSOLVING; RHIZOBIUM; MYCORRHIZAE; INNOCULATION; NUTRIENT UPTAKE; SOIL BIOLOGY; GROWTH.

147 RAHUTOMO, S. Prediksi kebutuhan pupuk untuk perkebunan kelapa sawit di Indonesia hingga 2010. [Prediction of fertilizer necessity for oil palm plantation in Indonesia until 2010]/ Rahutomo, S.; Fadli, M.L.; Sutarta, E.S. Warta Pusat Penelitian Kelapa Sawit (Indonesia) ISSN 0853-2141 (2006) v. 14(3) p. 23-34, 7 tables; 4 ref.

ELAEIS GUINEENSIS; PLANTATIONS; FERTILIZERS; APPLICATION RATES.

148 RAZIE, F. Potensi *Azotobacter* spp. dari persawahan pasang surut Kalimantan Selatan dalam meningkatkan hasil padi. [Potential of *Azotobacter* spp. from tidal lowland in South Kalimantan to increase rice yield]/ Razie, F.; Jumar (Universitas Lambung Mangkurat, Banjarbaru (Indonesia). Fakultas Pertanian). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007.

Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S.(eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 291-300, 4 ill., 2 tables; 9 ref.
631.445.9/SEM/p bk1

ORYZA SATIVA; PRODUCTION INCREASE; AZOTOBACTER; NITROGEN; AGRONOMIC CHARACTERS; GROWTH; INTERTIDAL ENVIRONMENT; YIELDS; KALIMANTAN.

149 ROHMIYATI, S.M. Pengaruh pelarutan dan lama inkubasi (dengan aerasi) bahan organik terhadap hasil sawi (*Brassica juncea*). Influence of solution and incubation period of organic matter to the yield of *Brassica juncea*/ Rohmiyati, S.M.; Surya, M.; Hastuti, P.B. (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Pertanian)). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 1-11, 3 tables; 22 ref.

BRASSICA JUNCEA; ORGANIC FERTILIZERS; SOLUTIONS; ORGANIC MATTER; GROWTH; YIELDS.

150 ROMLI, M. Pengaruh dosis pupuk N, P, dan K terhadap pertumbuhan dan hasil jarak pagar (*Jatropha curcas* L.). [Effect of N, P, and K fertilizers dosages on the growth and yield of *Jatropha curcas* L.]/ Romli, M.; Hariyono, B.; Machfud, M. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 30-35, 3 tables; 16 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; NITROGEN FERTILIZERS; PHOSPHATE FERTILIZERS; POTASH FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; GROWTH; YIELDS.

151 SEMBIRING, H. Sifat tanah sebagai pengaruh residu fosfor dan bahan organik pada lahan sawah tadah hujan di Sumatera Utara. Soil characteristics as affected by phosphorus and organic matter residues on rainfed lowland in North Sumatra]/ Sembiring, H. (Balai Besar Penelitian Padi, Sukamandi (Indonesia)); Jamil, A. Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007. Buku 1/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 18-25, 3 tables; 23 ref.
631.152/SEM/p bk1

ORYZA SATIVA; IRRIGATED LAND; RAINFED FARMING; PHOSPHATE FERTILIZERS; FARMYARD MANURE; RESIDUAL EFFECTS; SOIL CHEMICOPHYSICAL PROPERTIES; CATIONS; ION EXCHANGE CAPACITY; SUMATRA.

152 SIRAPPA, M.P. Studi kalibrasi uji kalium tanah untuk jagung: penentuan dosis rekomendasi pupuk K untuk tanaman jagung menggunakan metode kurva respon pemupukan. Calibration study of soil potassium tests for maize: determination of the recommended dosage of potassium fertilization for maize using the response curve method/ Sirappa, M.P. (Balai Pengkajian Teknologi Pertanian Maluku, Ambon (Indonesia)); Tandisau, P. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 1-8, 4 ill., 5 tables; 12 ref.

ZEA MAYS; SOIL ANALYSIS; NUTRIENT AVAILABILITY; SOIL FERTILITY; POTASH FERTILIZERS; DOSAGE; FERTILIZER APPLICATION; APPLICATION RATES; METHODS; YIELDS.

153 SOLEH, M. Pengaruh pupuk organik padat biogreen terhadap pertumbuhan dan hasil bawang merah. Effect of compact-organic-fertilizer (biogreen) to the growth and yield of shallot/ Soleh, M. Buletin Teknologi dan Informasi Pertanian (Indonesia) ISSN 1410-8976 (2005) v. 8 p. 9-17, 8 tables; 9 ref.

ALLIUM ASCALONICUM; ORGANIC FERTILIZERS; APPLICATION RATES; YIELDS.

154 SOMANTRI, E. Pengaruh kalium nitrat (KNO_3) terhadap pertumbuhan dan hasil kedelai di Inceptisols lahan kering. [Effect of nitrate potassium (KNO_3) on the growth and yield of soybean in Inceptisols dryland]/

Somantri, E.; Sudriatna, U. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 111-118, 3 tables; 8 ref.
631.4/SEM/p

GLYCINE MAX; NITROGEN POTASSIUM FERTILIZERS; APPLICATION RATES; GROWTH; DRY FARMING; YIELDS.

155 SUPRIYADI. Pengaruh interval dan dosis pupuk CJ ZETA terhadap pertumbuhan tanaman kapas (*Gossypium* sp). [Effect of interval and dosage CJ ZETA fertilizers on the growth of cotton (*Gossypium* sp.)]/ Supriyadi (Universitas Negeri Jember (Indonesia)). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 206-212, 8 tables; 9 ref.

GOSSYPIUM; FERTILIZER APPLICATION; DOSAGE EFFECTS; APPLICATION DATE; GROWTH.

156 WINARDI. Peluang penggunaan bahan substitusi pupuk di Sumatra Barat: 1. untuk padi sawah. Opportunity the using of fertilizer substitution materials in West Sumatera: 1. For low land rice/ Winardi (Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007. Buku 1/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BP2TP, 2007: p. 112-119, 2 tables; 18 ref.
631.152/SEM/p bk1

IRRIGATED RICE; ORGANIC FERTILIZERS; COMPOSTS; FERTILIZER APPLICATION; RICE STRAW; TRICHODERMA HARZIANUM; LAND PRODUCTIVITY; SUMATRA.

157 YUNIZAR. Pemupukan berimbang pada padi sawah di Sungai Siput Kabupaten Bengkalis Riau. Balanced fertilization on low land rice at Sungai Siput Bengkalis District, Riau Province/ Yunizar; Mardawilis; Umar, Pekanbaru (Balai Pengkajian Teknologi Pertanian Riau (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian. Buku 1, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 78-82, 4 tables; 9 ref.
631.152/SEM/p bk1

IRRIGATED RICE; NPK FERTILIZERS; FARMYARD MANURE; FERTILIZER APPLICATION; APPLICATION RATES; DOSAGE; AGRONOMIC CHARACTERS; PRODUCTIVITY; SUMATRA.

158 YUSRINAWATI, A. Pengaruh pemberian beberapa macam pupuk daun terhadap pertumbuhan dan hasil tiga varietas kangkung darat (*Ipomoea reptans*) di lahan pasir pantai. [Influence of the four foliar fertilizers on the growth and the yield of the three varieties of kangkung darat (*Ipomoea reptans*) in the coastal sand]/ Yusrinawati, A.; Kastono, D.; Suyadi, M.W. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 22-33, 7 tables; 8 ref.
631.001.6/SEM/r

IPOMOEA AQUATICA; VARIETIES; FOLIAR APPLICATION; FERTILIZER APPLICATION; PLANT RESPONSE; GROWTH RATE; HARVEST INDEX; YIELD COMPONENTS; COASTAL SOILS; SANDY SOILS.

F06 IRIGASI / IRRIGATION

159 SAEFUDIN. Pengaruh interval penyiraman dan pemberian mulsa terhadap pertumbuhan dan pembungaan tanaman jarak pagar (*Jatropha curcas* L.). [Effect of watering interval and mulch application on the growth and flowering phase of *Jatropha curcas* L.]/ Saefudin; Pranowo, D. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 36-42, 4 tables; 14 ref. Appendix.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; WATERING; MULCHING; MULCHES; FLOWERING; GROWTH.

F07 PENGOLAHAN TANAH / SOIL CULTIVATION

160 PRANOWO, D. Pengaruh pengolahan tanah dan pemupukan terhadap pertumbuhan dan produksi awal jarak pagar. [Effect of soil tillage and fertilizing on the growth and earlier production of *Jatropha curcas*]/ Pranowo, D.; Herman, M.; Ferry, Y. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukarami (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 23-26, 3 tables; 8 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; TILLAGE; FERTILIZER APPLICATION; FARMYARD MANURE; GROWTH; YIELDS; PRODUCTION.

161 PRIYAMBADA. Pengaruh pengolahan tanah Latosol dan penggunaan mulsa alang-alang untuk tanaman kacang tanah (*Arachis hypogaea* L.). Effect of tillage on Latosols soil and application of wide greases (*Imperata indica*) mulches for peanut plant/ Priyambada (Institut Pertanian STIPER, Yogyakarta (Indonesia). Fakultas Pertanian). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2005) v. 12(2) p. 17-25, 1 table; 6 ref.

ARACHIS HYPOGAEA; TILLAGE; FERRALSOLS; MULCHES; IMPERATA CYLINDRICA; SOIL CHEMICOPHYSICAL PROPERTIES; GROWTH.

F08 POLA TANAM DAN SISTEM PERTANAMAN / CROPPING PATTERNS AND SYSTEMS

162 HERMAN, M. Pola tanam berbasis jarak pagar (*Jatropha curcas* L.). [Cropping pattern of *Jatropha curcas* L.]/ Herman, M.; Pranowo, D.; Hasibuan, A.M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 66-71, 2 ill., 12 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; CROPPING SYSTEMS; INTERCROPPING; CULTURE TECHNIQUES; YIELDS.

163 KRISMAWATI, A. Kajian teknologi usaha tani padi di lahan kering Kalimantan Tengah. [Study of farming systems technology in dryland of Central Kalimantan]/ Krismawati, A. (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangkaraya, (Indonesia)). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian (Indonesia) ISSN 1410-959X (2007) v. 10(2) p. 85-95, 8 tables; 19 ref.

ORYZA SATIVA; UPLAND RICE; VARIETIES; FARMING SYSTEMS; DRY FARMING; FERTILIZER APPLICATION; UPLAND SOILS; YIELDS; KALIMANTAN.

164 NURYATI, S. Bagaimana prospek cooperative farming berbasis padi-palawija. [Prospect of rice-palawija based cooperative farming]/ Nuryati, S. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 6-8, 1 ill., 1 table.

ORYZA SATIVA; CATCH CROPS; CROPPING SYSTEMS; COOPERATIVE FARMING.

165 PURWANTO. Nitrifikasi potensial dan nitrogen-mineral tanah pada sistem agroforestri kopi dengan berbagai pohon penaung. Potential nitrification and nitrogen mineral of soil in coffee agroforestry system with various shading tress/ Purwanto (Universitas Sebelas Maret, Surakarta (Indonesia). Fakultas Pertanian); Handayanto, D.; Baon, J.B.; Hairiah, K. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2007) v. 23(1) p. 38-56, 6 ill, 3 tables; 33 ref.

COFFEA CANEPHORA; AGROFORESTRY ; SHADING; GLIRICIDIA SEPIUM; ARACHIS PINTOI; PARASERIANTHES FALCATARIA; ORGANIC MATTER; NITRIFICATION; NITRATES; INTERCROPPING.

F30 GENETIKA DAN PEMULIAAN TANAMAN / PLANT GENETICS AND BREEDING

166 BALAI PENELITIAN TANAMAN KELAPA DAN PALMA LAIN. Empat kultivar kelapa genjah unggul, siap dilepas. [Four high yielding varieties of coconut ready to release]/ Balai Penelitian Tanaman Kelapa dan Palma Lain, Manado (Indonesia). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 3-5, 1 ill., 2 tables.

COCOS NUCIFERA; HYBRIDS; HIGH YIELDING VARIETIES; PRODUCTION; PROTEIN CONTENT; LIPID CONTENT.

167 BARMAWI, M. Pola segresi dan heritabilitas sifat ketahanan kedelai terhadap cowpea mild mottle virus populasi wilis X MLG2521. Segregation and heritability of cowpea mild mottle virus resistant characters of soybean genotypes from crosses between wilis and Mlg2521 population/ Barmawi, M. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian). Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 48-52, 3 tables; 6 ref.

GLYCINE MAX; SEGREGATION; HERITABILITY; DISEASE RESISTANCE; VIROSES; POPULATION.

168 GUSMIATUN. Regenerasi jagung (*Zea mays* L.) varietas Bisma melalui teknik kultur jaringan. [Regeneration of maize var. Bima through tissue culture technique]/ Gusmiatun (Universitas Merdeka, Pasuruan (Indonesia)). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 191-201, 7 ill., 5 tables; 18 ref.

ZEA MAYS; VARIETIES; REGENERATION; TISSUE CULTURE.

169 HAIRMANSIS, A. Identification of wide compatibility varieties in some tropical Japonica rice/ Hairmansis, A. (Kebun Percobaan Tanaman Padi, Bogor (Indonesia)); Aswidinnoor, H.; Trikoesoemaningtyas; Suwarno. Indonesian Journal of Agricultural Science (Indonesia) ISSN 1411-982X (2005) v. 6(1) p. 28-31, 1 ill., 2 tables; 14 ref.

ORYZA SATIVA; HYBRIDS; GENOTYPES ; IDENTIFICATION.

170 HANARIDA, I. Galur padi baru tahan hawar daun bakteri. [Selection of new rice line resistance to bacterial disease]/ Hanarida, I.; Utami, D.W.; Kadir, T.S.; Koerniati, S. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2007) v. 29(1) p. 5-6, 1 ill.

ORYZA SATIVA; VARIETIES; DISEASE RESISTANCE; BACTERIOSES.

171 HEMON, A.F. Seleksi *in vitro* berulang dan seleksi ganda serta identifikasi plantlet kacang tanah insentif cekaman akibat penambahan filtrat kulture *Sclerotium rolfsii* dan polietilen glikol. Repeat and double in vitro selection and identification of peanut plantlets insensitive against *Sclerotium rolfsii* culture filtrate and polyethylene glycol/ Hemon, A.F. (Universitas Mataram (Indonesia). Fakultas Pertanian); Widodo; Sudarsono. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 23-32, 1 ill., 4 tables; 16 ref.

ARACHIS HYPOGAEA; IN VITRO SELECTION; VITROPLANTS; CORTICIUM ROLFSII; POLYETHYLENE; ETHYLENE GLYCOL; SOMATIC EMBRYOGENESIS; SOMACLONAL VARIATION; DISEASE RESISTANCE; DROUGHT RESISTANCE.

172 HIPI, A. Karakter pertumbuhan, potensi hasil populasi jagung QPM di Lombok Timur Nusa Tenggara Barat. [Growth characteristic and yield potential of QPM (Quality Protein Maize) maize population in Lombok, West Nusa Tenggara]/ Hipi, A.; Kario, N.H. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram (Indonesia)); Erawati, B.T.R.; Yasin H.G., M. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 154-160, 4 tables; 7 ref.
633.1/.9:636/SEM/p

ZEA MAYS; PROTEIN QUALITY; VARIETY TRIALS; CROP PERFORMANCE; AGRONOMIC

CHARACTERS; HIGH YIELDING VARIETIES; YIELD INCREASES; NUSA TENGGARA.

173 HULUPI, R. Pewarisan ketahanan kopi arabika terhadap nematoda *Radopholus similis* Cobb. Inheritance of arabica coffee resistance to *Radopholus similis* Cobb/ Hulupi, R. (Balai Penelitian Kopi dan Kakao, Jember (Indonesia)); Nasrullah; Soemartono. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2007) v. 23(1) p. 1-16, 1 ill, 7 tables; 15 ref.

COFFEA ARABICA; RADOPHOLUS SIMILIS; NEMATODA; PEST RESISTANCE; GENETIC RESISTANCE; GENETIC INHERITANCE.

174 KRISMAWATI, A. Pengelolaan sumber daya genetik tanaman obat spesifik Kalimantan Tengah. [Management of genetic resources of medicinal plants at Central Kalimantan]/ Krismawati, A.; Sabran, M. (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 16-23, 1 table; 13 ref.

DRUG PLANTS; PLANT GENETIC RESOURCES; PLANT INTRODUCTION; KALIMANTAN.

175 KUSANDRYANI, Y. Karakterisasi plasma nutfah kangkung. [Characterization of *Ipomoea reptans* germplasm/ Kusandryani, Y.; Luthfy (Balai Penelitian Tanaman Sayuran, Lembang (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 30-33, 2 tables; 10 ref.

IPOMOEA AQUATICA; GERMPLASM; GROWTH; YIELD COMPONENTS.

176 MARDJONO, R. Uji daya hasil beberapa genotip terpilih jarak pagar (*Jatropha curcas* L.). [Yield component test of several selected *Jatropha curcas* L. genotypes]/ Mardjono, R.; Sudarmo, H.; Sudarmadji (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 107-110, 3 tables; 8 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; GENOTYPES; VARIETY TRIALS; FLOWERING; YIELD COMPONENTS; GROWTH; YIELDS.

177 NOOR, A. Keragaan beberapa varietas unggul padi di lahan rawa pasang surut sulfat masam. [Performance of several rice high yielding varieties in tidal swamp land of acid sulphate soil]/ Noor, A.; Khairuddin; Saderi, D.I. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk mendukung lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S.(eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 321-328, 4 tables; 16 ref.
631.445.9/SEM/p bk1

ORYZA SATIVA; HIGH YIELDING VARIETIES; SOIL CHEMICOPHYSICAL PROPERTIES; YIELDS; IRON; POISONING; INTERTIDAL ENVIRONMENT; ACID SULPHATE SOILS; SWAMP SOILS.

178 RIDUAN, A. Regenerasi tembakau transgenik yang mengintegrasikan gen P5CS dan analisis ekspresi. Regeneration of transgenic tobacco carrying P5CS transgene and expression analysis/ Riduan, A. (Universitas Jambi (Indonesia). Fakultas Pertanian); Santoso, D.; Utomo, S.D.; Sudarsono. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 101-109, 4 ill., 2 tables; 20 ref.

NICOTIANA TABACUM; TRANSGENIC PLANTS; IN VITRO REGENERATION; GENE EXPRESSION; AGROBACTERIUM; GENETIC TRANSFORMATION; PROLINE; NUCLEIC ACIDS.

179 RUCHJANINGSIH. Efek mulsa terhadap penampilan fenotipik dan parameter genetik pada 13 genotip kentang di lahan sawah dataran medium Jatinangor. Effect of mulch on phenotype and genetic parameter of 13 potato genotypes in paddy field at medium altitude Jatinangor-Sumedang/ Ruchjaningsih (Balai Pengkajian Teknologi

Pertanian Sulawesi Selatan, Makassar (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 290-298, 6 tables; 23 ref.

SOLANUM TUBEROSUM; MULCHES; PHENOTYPES; GENETIC PARAMETERS; GENOTYPES; YIELDS; IRRIGATED LAND; JAVA.

180 RUSKANDAR, A. Penyebaran padi unggul baru di Jawa Barat. [Distribution of new rice high yielding varieties in West Java]/ Ruskandar, A. (Balai Besar Penelitian Padi, Sukamandi (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2007) v. 29(3) p. 1-2, 1 ill.

ORYZA SATIVA; HIGH YIELDING VARIETIES; JAVA.

181 RUSLIYADI, M. Sosialisasi beberapa varietas unggul padi baru dengan pendekatan pengelolaan tanaman terpadu di Provinsi Gorontalo. Socialization some new pre-eminent rice variety with approach integrated crop management (ICM) in Province of Gorontalo/ Rusliyadi, M.; Fadwiwati, A.Y. (Balai Pengkajian Teknologi Pertanian Gorontalo (Indonesia)); Matondang, R.H.; Ulina, E.S. Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007. Buku 1/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 33-38, 3 tables; 8 ref.
631.152/SEM/p bk1

ORYZA SATIVA; INTRODUCED VARIETIES; HIGH YIELDING VARIETIES; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; VARIETY TRIALS; AGRONOMIC CHARACTERS; SULAWESI.

182 SANTOSO, P.J. Phylogenetic relationships amongst 10 durio species based on PCR-RFLP analysis of two chloroplast genes/ Santoso, P.J. (Balai Penelitian Buah, Solok (Indonesia)); Saleh, G.B.; Saleh, N.M.; Napis, S. Indonesian Journal of Agricultural Science (Indonesia) ISSN 1411-982X (2005) v. 6(1) p. 20-27, 6 ill., 4 tables; 30 ref.

DURIO; PHYLOGENY; SPECIES; CHLOROPLASTS; GENETIC MARKERS; PCR.

183 SINAGA, P.H. Respon tujuh galur padi hibrida terhadap dua metoda penentuan kebutuhan pupuk urea di lahan sawah bukaan baru. Response of seven lines hybrid rice to two application methods of urea at the newly rice farm/ Sinaga, P.H. (Balai Pengkajian Teknologi Pertanian Riau, Pekanbaru (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 44-48, 2 tables; 5 ref.
631.152/SEM/p bk1

ORYZA SATIVA; HYBRIDS; PROGENY; UREA; FERTILIZER APPLICATION; DOSAGE; NUTRITIONAL REQUIREMENTS; PLANT RESPONSE; GENOTYPE ENVIRONMENT INTERACTION; IRRIGATED LAND.

184 SOEDOMO, R.P. Seleksi induk tanaman bawang merah. Parent selection of shallots/ Soedomo, R.P. (Balai Penelitian Tanaman Sayuran, Lembang, Bandung (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 269-282, 6 tables; 40 ref.

ALLIUM ASCALONICUM; VARIETY TRIALS; EVALUATION; SELECTION; DISEASE RESISTANCE; PEST RESISTANCE; GENETIC VARIATION.

185 SUARDI K., D. Padi beras merah: pangan bergizi yang terabaikan. [Red rice variety]/ Suardi K., D. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 1-3.

ORYZA SATIVA; VARIETIES; HIGH YIELDING VARIETIES; NUTRITIVE VALUE.

186 SUDARMO, H. Aksesi potensial jarak pagar (*Jatropha curcas* L.). [Potential accession of *Jatropha curcas* L.]/ Sudarmo, H.; Heliyanto, B.; Suwarso; Sudarmadji (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.) Bogor (Indonesia): Puslitbangbun, 2007: p. 111-114, 2 tables; 11 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; GENETIC RESOURCES; GERMPLASM; HIGH YIELDING VARIETIES; PRODUCTIVITY.

187 SUJIPRIHATI, S. Keragaan genotipe jagung bermutu protein tinggi di dua tipologi lahan yang berbeda. Performance of quality protein maize genotypes under two different typologies/ Sujiprihati, S. (Institut Pertanian Bogor (Indonesia). Fakultas Pertanian); Azrai, M.; Yuliandry, A. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 90-100, 6 tables; 26 ref.

ZEA MAYS; GENETIC PARAMETERS; LAND CLASSIFICATION; GENETIC VARIATION; HERITABILITY; GENOTYPE ENVIRONMENT INTERACTION; AGRONOMIC CHARACTERS; YIELDS; PROTEIN QUALITY; TRYPTOPHAN.

188 SUSILAWATI. Uji multilokasi galur harapan dan varietas padi terpilih di lahan pasang surut. [Multilocation test of rice promising lines and selected rice varieties in intertidal land area]/ Susilawati; Sabran, M.; Rukayah (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah Lokakarya Pengelolaan Lahan Pasang Surut di Kalimantan Tengah, Palangka Raya, 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 143-147, 2 tables; 7 ref.
631.445.9/LOK/p

ORYZA SATIVA; HIGH YIELDING VARIETIES; PLANT INTRODUCTION; ADAPTATION; TIDES; YIELDS.

189 SUSANTO, A. Induksi dan regenerasi embriogenesis somatik pepaya. Induction and regeneration of somatic embryogenesis on papaya/ Susanto, A. (Balai Penelitian Tanaman Buah, Solok (Indonesia)); Aziz, M.A. Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(2) p. 89-95, 4 ill., 1 table; 20 ref.

CARICA PAPAYA; SOMATIC EMBRYOGENESIS; REGENERATION; PLANT GROWTH SUBSTANCES; GENETIC TRANSFORMATION.

190 TAKDIR M., A. Tanggap 256 genotipe F3 jagung (*Zea mays* L.) terhadap cekaman kekeringan. [Response of 256 F3 maize genotypes to drought stress]/ Takdir M., A.; Irainy M., R.N.; Dahlan, M.M. (Balai Penelitian Tanaman Serealia, Maros (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 148-153, 1 ill., 2 tables; 7 ref.
633.1/.9:636/SEM/p

ZEA MAYS; F3 HYBRIDS; GENETIC RESISTANCE; DROUGHT STRESS; GENOTYPE ENVIRONMENT INTERACTION; HIGH YIELDING VARIETIES; AGRONOMIC CHARACTERS; YIELDS.

191 TULALO, M. Status kebun koleksi plasma nutfah kelapa internasional Asia Tenggara di Indonesia. [Status of International Coconut Gene Bank for Southeast and East Asia (ICG-SEA) in Indonesia]/ Tulalo, M.; Maskromo, I.; Novarianto, H. (Balai Penelitian Tanaman Kelapa, Manado (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia) ISSN 0853-8204 (2007) v. 13(1) p. 8-11, 1 table.

COCOS NUCIFERA; GERMPLASM COLLECTIONS; GERMPLASM CONSERVATION; SOUTH EAST ASIA; INDONESIA.

192 UTOMO, C. Isolasi promotor spesifik akar pada tanaman kelapa sawit dalam rangka

pengembangan kelapa sawit tahan Ganoderma. [Isolation of root specific promotor on oil palm in the resistant oil palm development to Ganoderma]/ Utomo, C.; Purba, A.R.; Nurhayati, E.; Setiowati, R.D.; Haro, N.D. Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2005) v. 13(3) p. 127-136, 2 ill., 9 ref.

ELAEIS GUINEENSIS; ISOLATION; PURIFICATION; CLONING; DNA; GANODERMA; DISEASE RESISTANCE.

193 WIJAYA, A. Perakitan hibrida tanaman jarak pagar (*Jatropha curcas* L.) untuk wilayah beriklim basah. [Hybridization of *Jatropha curcas* L. suitable for humid climate area]/ Wijaya, A. (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Pertanian). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas L.*), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 115-122, 1 ill., Bibliography: p. 121-122.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PLANT BREEDING; HYBRIDS; GENETIC VARIATION; GENOTYPES; LAND SUITABILITY; CLIMATIC FACTORS.

194 YENNI, Y. Keragaan material DxP Simalungun hasil siklus kedua program pemuliaan kelapa sawit PPKS. [Performance of DxP Simalungun material produced for second cycles of PPKS oil palm breeding programme]/ Yenni, Y.; Purba, A.R. Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2005) v. 13(3) p. 119-126, 5 tables; 7 ref.

ELAEIS GUINEENSIS; PLANT BREEDING; CROSSBREDS; YIELD COMPONENTS; AGRONOMIC CHARACTERS.

195 ZEN, S. Pemuliaan partisipatif padi sawah preferensi konsumen Sumatera Barat. [Participative breeding of irrigated rice based on consumer preference in West Sumatra]/ Zen, S. (Balai Pengkajian Teknologi Pertanian Sumatera Barat, Sukarami (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian. Buku 1, Medan 5 Jun 2007/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 104-111, 7 tables; 14 ref.
631.152/SEM/p bk1

IRRIGATED RICE; PLANT BREEDING; PROGENY TESTING; GENOTYPE ENVIRONMENT INTERACTION; HIGH YIELDING VARIETIES; GENETIC RESISTANCE; AGRONOMIC CHARACTERS; YIELD COMPONENTS; SUMATRA.

F40 EKOLOGI TANAMAN / PLANT ECOLOGY

196 INDRATY, I.S. Tanaman karet menyelamatkan kehidupan dari ancaman karbon dioksida. [Rubber plants save life from carbon dioxide threaten]/ Indraty, I.S. (Balai Penelitian Getas, Salatiga (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(5) p. 10-12, 1 ill.

HEVEA BRASILIENSIS; CARBON DIOXIDE; METABOLISM; ENERGY CONSERVATION.

197 RIVAIE, A.A. Karakteristik fisik lingkungan daerah pertanaman jarak pagar (*Jatropha curcas* L.) di Cikeusik, Banten. [Physical characteristic of *Jatropha curcas* L. plantation area at Cikeusik, Banten Province]/ Rivaie, A.A.; Allorerung, D.; Mahmud, Z.; Effendi, D.S.; Sumanto; Syahrial, T. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)); Fauzi, A.I. Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 58-65, 3 ill., 3 tables; 19 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PLANTATIONS; PHYSIOGRAPHIC FEATURES; LAND SUITABILITY; CLIMATIC FACTORS; SOIL CHEMICOPHYSICAL PROPERTIES; GROWTH; JAVA.

F50 STRUKTUR TANAMAN / PLANT STRUCTURE

198 DJAUHARIYA, E. Karakterisasi morfologi dan mutu buah mengkudu. [Morphological characterization and quality of noni (*Morinda citrifolia* L.) fruit]/ Djauhariya, E.; Rahardjo, M.; Ma'mun (Balai Penelitian Tanaman Obat dan Aromatik, Bogor (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 1-8, 7 ill., 5 tables; 13 ref.

DRUG PLANTS; PLANT ANATOMY; QUALITY.

F60 FISIOLOGI DAN BIOKIMIA TANAMAN/PLANT PHYSIOLOGY AND BIOCHEMISTRY

199 HERLINA, T. Paralytic alkaloids from the bark of *Erythrina subumbrans* (Leguminosae)/ Herlina, T.; Jumadi; Supratman, U.; Kurnia, D.; Subarnas, A.; Sutardjo, S. (Universitas Padjadjaran, Sumedang (Indonesia). Fakultas Matematika dan Ilmu Pengetahuan Alam); Hayashi, H. Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 65-68, 1 ill., 1 table; 7 ref.

ERYTHRINA; BARK; PLANT EXTRACTS; ALKALOIDS; CHEMICAL COMPOSITION; BOTANICAL INSECTICIDES.

F61 FISIOLOGI TANAMAN – HARA / PLANT PHYSIOLOGY – NUTRITION

200 AGUSTINI, K. Efek estrogenik ekstrak biji klabet (*Trigonella foenum-graecum* L.) terhadap perkembangan uterus tikus putih betina. Estrogenic effect of fenugreek extract on the proliferation of white rats uterine/ Agustini, K.; Wiryowidagdo, S. (Pusat Pengkajian dan Penerapan Teknologi Farmasi dan Medika, Jakarta (Indonesia)); Kusmana, D. Jurnal Bahan Alam Indonesia (Indonesia) ISSN 1412-2855 (2005) v. 4(2) p. 280-285, 4 ill., 17 ref.

TRIGONELLA FOENUM GRAECUM; SEEDS; EXTRACTS; PHYTOOESTROGENS; UTERUS; RATS; LABORATORY ANIMALS.

201 MUDAHAR, H. Uji sitotoksik fraksi etanol daging buah mahkota dewa terhadap sel kanker serviks. Cytotoxic activity of ethanol fraction of *Phaleria macrocarpa* fruit Mesocarp against cervix cancer cell/ Mudahar, H.; Sinta, D. (Universitas 17 Agustus 1945, Jakarta (Indonesia). Fakultas Farmasi); Lelly, W. Jurnal Bahan Alam Indonesia (Indonesia) ISSN 1412-2855 (2005) v. 4(2) p. 275-279, 1 ill., 2 tables; 19 ref.

POACEAE; TRADITIONAL MEDICINES; NEOPLASMS; TOXICITY; ETHANOL; EXTRACTS.

202 RAHARDJO, M. Krokot (*Portulaca oleracea*) gulma berkhasiat obat mengandung omega 3. [Potential of krokot (*Portulaca oleracea*) for traditional medicine containing omega 3]/ Rahardjo, M. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia) ISSN 0853-8204 (2007) v. 13(1) p. 1-4, 1 ill., 1 table.

PORTULACA OLERACEA; WEEDS; TRADITIONAL MEDICINES; CHEMICAL COMPOSITION; APPLICATION METHODS; CULTIVATION.

203 YANTI, A.R. Pengaruh pemberian ekstrak air buah mahkota dewa terhadap penurunan tekanan darah tikus putih. Effect of mahkota dewa fruit water extract on the declining of mice's blood pressure/ Yanti, A.R. (Universitas Tujuhbelas Agustus, Jakarta (Indonesia). Fakultas Farmasi). Jurnal Bahan Alam Indonesia (Indonesia) ISSN 1412-2855 (2005) v. 4(2) p. 270-274, 1 ill., 3 tables; 13 ref.

POACEAE; FRUITS; EXTRACTS; BLOOD PRESSURE; RATS; LABORATORY ANIMALS.

F70 TAKSONOMI TANAMAN DAN SEBARAN GEOGRAFIS / PLANT TAXONOMY AND GEOGRAPHY

204 ARGENT, G.C.G. Rhododendrons of Sulawesi/ Argent, G.C.G. (Royal Botanic Garden Edinburgh Scotland (Inggris)). Buletin Kebun Raya Indonesia (Indonesia) ISSN 0125-96/X (2007) v. 10(1) p. 20-23, 5 ref.

RHODODENDRON; FLORA; IDENTIFICATION; SULAWESI.

205 HIDAYAT, S. Pengamatan keberadaan tumbuhan obat langka di Taman Nasional Ujung Kulon. Study on endangered medicinal plants at Ujung Kulon National Park/ Hidayat, S. (Pusat Konservasi Tumbuhan Kebon Raya Bogor (Indonesia)). Buletin Kebun Raya Indonesia (Indonesia) ISSN 0125-96/X (2007) v. 10(1) p. 1-8, 1 ill., 4 tables; 8 ref. Appendices.

ALSTONIA; CINNAMOMUM; PARKIA; DRUG PLANTS; ETHNOBOTANY; NATIONAL PARKS; JAVA.

206 LASMININGSIH, M. Klon karet anjuran untuk wilayah Kalimantan Barat dan pola pengembangannya. [Recommended rubber clone for West Kalimantan area and its development]/ Lasminingsih, M.; Thomas; Situmorang, A. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2005) v. 24(2) p. 16-29, 1 ill., 6 tables; 26 ref. Appendices

HEVEA BRASILIENSIS; CLONES; GEOGRAPHICAL DISTRIBUTION; FORESTRY DEVELOPMENT; KALIMANTAN.

207 QOMAR, N. Karakteristik habitat mikro sago (*Johannesteijsmannia altifrons*) di sekitar Taman Nasional Bukit Tigapuluh, Kabupaten Indragiri Hulu, Provinsi Riau. [Micro habitat characteristic of sago palm (*Johannesteijsmannia altifrons*) in the surrounding area of the Bukit Tigapuluh National Park, Indragiri Hulu Regency, Riau Province]/ Qomar, N.; Setyawatiningsih, R.S.C. (Universitas Riau, Pekanbaru (Indonesia). Fakultas Pertanian); Hamzah, Z. Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 100-104, 4 ill., 5 tables; 16 ref.

PALMAE; VEGETATION; BIOGEOGRAPHY; NATURE CONSERVATION; HABITATS; NATIONAL PARKS; SUMATRA.

H10 HAMA TANAMAN / PESTS OF PLANTS

208 ASBANI, N. Inventarisasi hama tanaman jarak pagar (*Jatropha curcas* L.). [Pests inventory of *Jatropha curcas* L.]/ Asbani, N.; Amir, A.M.; Subiyakto (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.) Bogor: Puslitbangbun, 2007: p. 83-90, 8 ill., 10 ref. 633.853.3-117/LOK/p c2

JATROPHA CURCAS; PESTS OF PLANTS; PEST SURVEYS; PEST CONTROL.

209 BUDIYANTY, N. Peningkatan resistensi *Nilaparvata lugens* melalui seleksi di laboratorium dan efek sinergisme terhadap fipronil. [Improving resistance of *Nilaparvata lugens* through selection in the laboratory and its synergism effort on fipronil]/ Budiyanty, N.; Trisyono, Y.A.; Witjaksono; (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006 Yogyakarta: UGM, 2006: p. 87-93, 1 ill; 2 tables; 14 ref. 631.001.6/SEM/r

NILAPARVATA LUGENS; PIPERONYL BUTOXIDE; SYNERGISM; PEST RESISTANCE; PESTICIDE RESISTANCE; MORTALITY; DOSAGE EFFECTS; SELECTION.

210 CHAERANI. Isolasi nematoda patogen serangga Steinernema dan Heterorhabditis. Isolation of entomopathogenic nematodes Steinernema and Heterorhabditis/ Chaerani; Suryadi, Y.; Priyatno, T.P.; Koswanudin, D.; Rahmat, U.; Suyatmo; Yusuf (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumber Daya Genetik Pertanian, Bogor (Indonesia)); Griffin, C.T. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 1-9, 4 tables; 28 ref.

STEINERNEMA; HETERORHABDITIS; ISOLATION; ENTOMOPHILIC NEMATODES; ISOLATION.

211 PRAYOGO, Y. Penggunaan cendawan entomopatogen untuk mengendalikan hama pengisap polong kedelai *Riptortus linearis* (Hemiptera: Alyidae) dan dampaknya pada predator *Oxyopes javanus* Thorell (Araneida: Oxyopidae). Utilization of entomopathogenic fungi to control pod sucking bugs and its

impact on the survival of the predator *Oxyopes javanus*/ Prayogo, Y. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 47-53, 3 tables; 27 ref.

GLYCINE MAX; RIPTORTUS; FRUIT DAMAGING INSECTS; ENTOMOGENOUS FUNGI; PEST CONTROL; BIOLOGICAL CONTROL AGENTS; OXYOPES; PREDATORS; SURVIVAL; PREDATORS.

212 RAHUTOMO, S. Sapi dan kelapa sawit: lawan atau kawan. [Palm oil-cattle integrated farming system]/ Rahutomo, S.; Sutarta, E.S.; Santosa, H. Warta Pusat Penelitian Kelapa Sawit (Indonesia) ISSN 0853-2141 (2006) v. 14(3) p. 5-9, 4 ill., 4 ref.

ELAEIS GUINEENSIS; CATTLE; INTEGRATION; PESTS OF PLANTS.

213 SANJAYA, Y. Infektivitas nematoda entomopatogen *Heterorhabditis* sp. terhadap infektivitas *Cyllodes bifacies* Walker (Coleoptera: Nitidulidae). [Infectivity of entomopathogen nematode *Heterorhabditis* sp. on infectivity of *Cyllodes bifacies* Walker (Coleoptera: Nitidulidae)]/ Sanjaya, Y. (Universitas Pendidikan Indonesia, Bandung (Indonesia)). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 202-205, 1 ill., 1 table; 7 ref.

HETERORHABDITIS; ENTOMOPHILIC NEMATODES; JUVENILES; PATHOGENICITY; COLEOPTERA.

214 SUSILO, F.X. Early detection of *Trichogramma chilonis* sexes using the egg color and size of its factitious host *Corcyra cephalonica*/ Susilo, F.X.; Solikhin, M. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian); Romli,S.; Sunaryo; Solikhin, M. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 30-38, 7 ill., 9 ref.

TRICHOGRAMMA CHILONIS; SEX; EARLY DIAGNOSIS; CORCYRA CEPHALONICA; EGGS; HOSTS.

215 SYAHPUTRA, E. Sediaan insektisida *Calophyllum soulattri*: aktivitas insektisida dan residu terhadap larva *Crocidolomia pavonana* dan keamanan pada tanaman. Insecticide preparation of *Calophyllum soulattri*: insecticidal and residual activity against *Crocidolomia pavonana* and its savety on crops/ Syahputra, E. (Universitas Tanjungpura, Pontianak (Indonesia)); Prijono, D.; Dono, D. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 21-29, 1 ill., 4 tables; 16 ref.

CROPS; CALOPHYLLUM; BOTANICAL INSECTICIDES; PHYTOTOXICITY; CROCIDOLOMIA; RESIDUES.

216 WILLIS, M. Pengendalian hama penyakit sayuran di lahan pasang surut. [Pests and diseases control on vegetable crops at intertidal land area]/ Willis, M. (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 159-163, 2 tables; 7 ref.
631.445.9/LOK/p

VEGETABLE CROPS; PLANT DISEASES; PESTS OF PLANTS; INTEGRATED CONTROL; TIDES; PLANT RESISTANCE; CULTURAL CONTROL; BIOLOGICAL CONTROL; CHEMICAL CONTROL.

217 WIRYADIPUTRA, S. Pemapanan semut hitam (*Dolichoderus thoracicus*) pada perkebunan kakao dan pengaruhnya terhadap serangan hama *Helopeltis* spp. Establishment of black ant (*Dolichoderus thoracicus*) on cocoa plantation and its effects on *Helopeltis* spp. infestation/ Wiryadiputra, S. (Balai Penelitian Kopi dan Kakao, Jember (Indonesia)). Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2007) v. 23(1) p. 57-71, 1 ill, 5 tables; 15 ref.

THEOBROMA CACAO; FORMICIDAE; HELOPELTIS; BIOLOGICAL CONTROL AGENTS.

218 YAHERWANDI. Keanekaragaman Hymenoptera parasitoid pada struktur lanskap pertanian berbeda di Daerah Aliran Sungai (DAS) Cianjur, Jawa Barat. Diversity of hymenoptera parasitoid in different agricultural landscape at Cianjur Watershed

West Java/ Yaherwandi (Universitas Andalas, Padang (Indonesia). Fakultas Pertanian); Manuwoto, S.; Buchori, D.; Hidayat, P.; Prasetyo, L.B. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 10-20, 7 ill., 2 tables; 24 ref.

HYMENOPTERA; PARASITOIDS; BIODIVERSITY; LANDSCAPE; RICE FIELDS; WATERSHEDS; JAVA.

H20 PENYAKIT TANAMAN / PLANT DISEASES

219 AKIN, H.M. Ketahanan lapangan beberapa varietas kedelai terhadap penyakit mosaik kedelai. [Resistance of soybean varieties to mosaic virus disease at field condition]/ Akin, H.M. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian); Barmawi, M.. Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 122-127, 4 tables; 5 ref.

GLYCINE MAX; VARIETIES; DISEASE RESISTANCE; SOYBEAN MOSAIC POTYVIRUS; GROWTH.

220 ARWIYANTO, T. Seleksi *Pseudomonas flourescens* secara langsung di lapangan untuk pengendalian penyakit lincat pada tembakau. Field screening of *Pseudomonas flourescens* for controlling tobacco lincat disease/ Arwiyanto, T. (Universitas Gadjah Mada, Yogyakarta (Indonesia)); Yuniarsih, F.; Martoredjo, T.; Dalmadiyo, G. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 62-68, 4 tables; 13 ref.

NICOTIANA TABACUM; PSEUDOMONAS SOLANACEARUM; MELOIDOGYNE; BIOLOGICAL CONTROL; PSEUDOMONAS FLUORESCENS.

221 ASAAD, M. Optimization of polymerase chain reaction conditions for the detection of greening organism in citrus plants/ Asaad, M. (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar (Indonesia)). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 114-120, 8 ill., 15 ref.

CITRUS; PCR; GREENING; PATHOGENS; DNA; IDENTIFICATION.

222 GINTING, C. Isolasi spesies *Verticillium* yang berasosiasi dengan *Hemileia vastatrix* pada daun kopi. [Isolation of *Verticillium* species associated with *Hemileia vastatrix* on coffee leaves]/ Ginting, C.; Mujim, S.; Diyanto, A.H. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian). Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 114-117, 2 tables; 13 ref.

COFFEA; LEAVES; PLANT DISEASES; VERTICILLIUM; HEMILEIA VASTATRIX; PARASITISM; SPECIES; ISOLATION.

223 MARYANI, A.D. Kajian ketahanan terhadap penyakit trotol dan struktur anatomi daun dari lima kultivar bawang merah (*Allium ascalonicum* L.). [Study on the resistance to purple blocth disease and leaf anatomy structure of five shallot (*Allium ascalonicum* L) cultivars]/ Maryani, A.D.; Soesanto, L.; Haryanto, T.A.D. (Universitas Jenderal Soedirman, Purwokerto (Indonesia). Program Pascasarjana). Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 113-121, 2 ill., 5 tables; 17 ref.

ALLIUM ASCALONICUM; VARIETIES; DISEASE RESISTANCE; LEAVES; PLANT ANATOMY.

224 PRASETYO, A.E. Studi jamur penyebab penyakit busuk buah pada kelapa sawit (*Elaeis guineensis* Jacq) di berbagai daerah ketinggian tanam. [*Study on fungus causing fruit bunch rot disease on oil palm at different altitude of above sea level*]/ Prasetyo, A.E.; Susanto, A.; Rambe, A.R. (Pusat Penelitian Kelapa Sawit, Medan (Indonesia)). Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2006) v. 14(1) p. 11-19, 2 tables; 18 ref.

ELAEIS GUINEENSIS; MARASMIUS; PLANT DISEASES; ALTITUDE; ISOLATION; SPECIES.

225 PRIYATMOJO, A. Perbandingan empat metode induksi stadium sempurna pada *Thanatephorus cucumeris* (Anamorf: *Rhizoctonia solani*). [Comparison of four methods of perfect stadia induction on *Thanatephorus cucumeris* (Anamorf: *Rhizoctonia solani*)]/ Priyatmojo, A.

(Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006 Yogyakarta: UGM, 2006: p. 1-6, 2 ill.; 1 table; 18 ref.
631.001.6/SEM/r

THANATEPHORUS CUCUMERIS; RHIZOCTONIA SOLANI; ISOLATION TECHNIQUES; FUNGAL SPORES; PLANT TISSUE; METHODS.

226 SANTOSO, S.E. Penekanan hayati penyakit moler pada bawang merah dengan *Trichoderma harzianum, Trichoderma koningii,* dan *Pseudomonas fluorescens* P60. Biological suppression of moler disease on shallot by *Trichoderma harzianum, Trichoderma koningii*, and *Pseudomonas fluorescens* P60/ Santoso, S.E. (Dinas Pertanian, Perkebunan dan Kehutanan Kabupaten Tegal (Indonesia)); Soesanto, L.; Haryanto, T.A.D. Jurnal Hama dan Penyakit Tumbuhan Tropika (Indonesia) ISSN 1411-7525 (2007) v. 7(1) p. 53-61, 4 tables; 24 ref.

ALLIUM ASCALONICUM; FUSARIUM OXYSPORUM; BIOLOGICAL CONTROL; TRICHODERMA HARZIANUM; TRICHODERMA KONINGII; PSEUDOMONAS FLUORESCENS.

227 SITUMORANG, A. Evolusi ras *Corynespora cassiicola* pada tanaman karet dan manajemen pengendaliannya . [Evolution of *Corynespora cassiicola* ras on rubber plant and its control]/ Situmorang, A.; Febbiyanti, T.R. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2005) v. 24(2) p. 30-44, 1 ill., 5 tables; 30 ref.

HEVEA BRASILIENSIS; CORYNESPORA CASSIICOLA,EVOLUTION; DISEASE CONTROL; PLANT DISEASES.

228 UTOMO, C. Isolasi gen kitinase dari *Trichoderma harzianum* dalam rangka pengembangan kelapa sawit tahan ganoderma. [Isolation of chitinase genes of *Trichoderma harzianum* in developing resistance oil palm to Ganoderma]/ Utomo, C.; Purba, A.R.; Nurhayati, E.; Setiowati, R.D.; Haro, N.D. Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2006) v. 14(1) p. 33-46, 4 ill; 24 ref.

ELAEIS GUINEENSIS; TRICHODERMA HARZIANUM; CHITINASE; PCR; DESIGN; GANODERMA; GENES; DISEASE RESISTANCE.

229 WALUYO, K.A. Keefektifan *tebukonazole* dan *Trichoderma harzianum* tunggal atau gabungan terhadap tiga penyakit penting karena jamur pada padi sawah. [Effectiveness of tebuconazole and *Trichoderma harzianum* in three fungal diseases on irrigated rice]/ Waluyo, K.A. (Bayer Crop Science PT, Jakarta (Indonesia)); Soesanto, L.; Djatmiko, H.A. Tropika (Indonesia) ISSN 0854-6533 (2005) v. 13(2) p. 128-136, 4 tables; 20 ref.

ORYZA SATIVA; TEBUCONAZOLE; TRICHODERMA HARZIANUM; CERCOSPORA; PYRICULARIA; FUNGICIDES; BIOLOGICAL CONTROL AGENTS.

230 WAWANGNINGRUM, H. Infestation of Cercospora leaf spot on pule pandak (*Rauvolfia serpentina*) at Parang Village, Kediri, East Java (Indonesia)/ Wawangningrum, H.; Yulistyarini, T. (Kebun Raya Purwodadi (Indonesia)). Buletin Kebun Raya Indonesia (Indonesia) ISSN 0125-96/X (2007) v. 10(1) p. 9-12, 1 ill., 1 table; 12 ref.

RAUVOLFIA; DRUG PLANTS; CERCOSPORA; PATHOGENS; SYMPTOMS; DISEASE CONTROL ; JAVA.

231 WIDIASTUTI, A. Inventarisasi penyakit pada jarak (*Jatropha curcas*) di Kebun percobaan Banguntapan Bantul. [Disease inventory of castor plant (*Jatropha curcas*) in Banguntapan Experiment Station, Bantul (Indonesia)]/ Widiastuti, A.; Sudarmadi; Priyatmojo, A. (Universitas Gadjah Mada,Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 17-21, 3 ill.; 6 ref.
631.001.6/SEM/r

JATROPHA CURCAS; DISEASE SURVEYS; DIAGNOSIS; SYMPTOMS; PESTALOTIA; CERCOSPORA; CLADOSPORIUM; INTEGRATED CONTROL; JAVA.

232 WURYANDARI,Y. Konsentrasi minimum *Ralstonia Solanacearum* untuk menimbulkan penyakit layu pada terung. [Minimum concentration of *Ralstonia Solanacearum* to induce wilt disease on *Solanum melongena*]/ Wuryandari, Y.

(Universitas Pembangunan Nasional "Veteran", Malang (Indonesia). Fakultas Pertanian). Tropika (Indonesia) ISSN 0854-6533 (2005) V. 13(2) p. 143-148, 5 ill., 7 ref.

SOLANUM MELONGENA; PSEUDOMONAS SOLANACEARUM; ISOLATION; INNOCULATION.

233 YULIANTI, T. Penyakit tanaman jarak pagar (*Jatropha curcas* L.). [Diseases of *Jatropha curcas* L.]/ Yulianti, T.; Hidayati, N.; Suhara, C. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 91-96, 7 ill., 12 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; PLANT DISEASES; SURVEYS; SYMPTOMS.

H60 GULMA DAN PENGENDALIAN GULMA / WEEDS AND WEED CONTROL

234 EFFENDI, D.S. Pengendalian gulma pada pertanaman jarak pagar (*Jatropha curcas* L.). [Weeds control on *Jatropha curcas* plantation]/ Effendi, D.S.; Tjokrowardoyo, A.S.; Djauhariya, E. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 97-102, 6 tables; 6 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; WEEDS; WEED CONTROL; HERBICIDES; PHYTOTOXICITY; GROWTH.

235 MAHFUDZ. Pengaruh waktu dan luas area tanaman bebas gulma terhadap pertumbuhan dan hasil tanaman jagung. [Effects of time and size of weed-free area on the growth and yield of maize]/ Mahfudz (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 135-139, 1 ill., 3 tables; 12 ref.

ZEA MAYS; WEED CONTROL; SPACING; PERIODICITY; GROWTH; YIELDS.

236 SIMATUPANG, R.S. Masalah gulma dan cara pengelolaannya untuk meningkatkan produksi padi di lahan rawa pasang surut. [Weed problem and its control to increase rice production in tidal swamp land]/ Simatupang, R.S. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk mendukung lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 277-289, 3 tables; 17 ref.
631.445.9/SEM/p bk1

ORYZA SATIVA; WEEDS; PRODUCTION INCREASE; WEED CONTROL; INTERTIDAL ENVIRONMENT; ACID SULPHATE SOILS; PEAT SOILS; BIOMASS.

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

237 SOEWONO, L. Pemanfaatan teknologi pascapanen dalam pengembangan agroindustri. [Utilization of postharvest technology in agroindustrial development]/ Soewono, L. Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 52-59
631.57:631.152/SEM/p bk1

ESSENTIAL OILS; AGROINDUSTRIAL SECTOR; POSTHARVEST TECHNOLOGY ; USES.

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

238 MURDOLELONO, B. Laju perkembangan hama gudang jagung *Sitophilus zeamais*. [Growth rate of stored maize pests (*Sitophilus zeamais*)]/ Murdolelono, B. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 180-186, 2 ill., 1 table; 9 ref.
633.1/.9:636/SEM/p

MAIZE; SEED STORAGE; SITOPHILUS ZEAMAIS; MIGRATORY PESTS; SEED WEIGHT; WEIGHT LOSSES; STORED PRODUCTS PESTS; DURATION; VIABILITY.

239 NOERMANSYAH, S. Manajemen pascapanen komoditas tebu. [Postharvest management of sugarcane]/ Noermansyah, S. (Rajawali Nusantara Indonesia, PT Jakarta (Indonesia)). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 3-6.
631.57:631.152/SEM/p bk1

SUGARCANE; POSTHARVEST TECHNOLOGY; HARVESTING.

240 NUGRAHA, S. Analisis model pengolahan padi: studi kasus di Kabupaten Lombok Timur, Nusa Tenggara Barat. Analysis of rice processing models: case study in East Lombok, West Nusa Tenggara/ Nugraha, S.; Thahir, R.; Lubis, S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)); Sutrisno. Jurnal Enjiniring Pertanian (Indonesia) ISSN 1693-2900 (2007) v. 5(1) p. 13-26, 7 tables; 11 ref. Appendices.

RICE; PROCESSING; DRYERS; POSTHARVEST EQUIPMENT; POLISHING; QUALITY; FARM INCOME; NUSA TENGGARA.

241 NUGRAHENI, D. Pengaruh penanganan umbi bawang merah (*Allium ascalonicum* L.) terhadap mutu bawang merah goreng. [Influence of raw shallot postharvest treatment on the quality of fried shallot]/ Nugraheni, D. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 141-152, 1 ill., 6 tables; 21 ref.
631.57:631.152/SEM/p bk1

SHALLOTS; POSTHARVEST TECHNOLOGY; QUALITY; DRIED PRODUCTS; DRYING; STORAGE; CHEMICOPHYSICAL PROPERTIES.

242 PURWADARIA, H.K. Peran perguruan tinggi dalam pengembangan teknologi pascapanen. [Role of college on postharvest technology development]/ Purwadaria, H.K. (Institut Pertanian Bogor (Indonesia). Fakultas Teknologi Pertanian). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 20-24, 17 ref.
631.57:631.152/SEM/p bk1

AGRICULTURAL DEVELOPMENT; POSTHARVEST TECHNOLOGY; GOVERNMENT.

243 SOMANTRI, A.S. Sistem informasi teknologi penyulingan minyak atsiri: kasus penyulingan minyak nilam. [Information system of patchouli oil distillation technology]/ Somantri, A.S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 198-211, 4 ill., 7 tables.
631.57:631.152/SEM/p bk1

ESSENTIAL OILS; POGOSTEMON CABLIN; DISTILLING; INFORMATION SYSTEMS; ECONOMIC ANALYSIS.

244 SUGIONO. Pengaruh pentahapan suhu dalam sistem pematangan buatan buah-buahan klimakterik: pisang susu. [Effect of temperature ripening of climacteric fruits: banana var. susu (*Musa sativa* L.)]/ Sugiono (Institut Pertanian Bogor (Indonesia). Fakultas Pascasarjana); Sutrisno; Hartulistiyoso, E. Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 222-231, 5 ill., 1 table; 8 ref.
631.57:631.152/SEM/p bk1

BANANAS; RIPENING; TEMPERATURE; RESPIRATION RATE.

245 SUPRAYATMI, M. Aplikasi 1-methyl cyclopropene (1-MCP) dan etilen untuk pengendalian kematangan pisang ambon di suhu ruang. [Application of 1-methylcyclopropene (1-MCP) and ethylene for maturation control of banana var. ambon in ambient temperature]/ Suprayatmi, M. (Universitas Djuanda, Bogor (Indonesia)); Hariyadi, P.; Hasbullah, R.; Andarwulan, N.; Kusbiantoro, B. Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 253-263, 3 ill., 4 tables; 11 ref.
631.57:631.152/SEM/p bk1

BANANAS; ETHYLENE; MATURITY; QUALITY; TEMPERATURE; ORGANOLEPTIC TESTING.

246 THAHIR, R. Implementasi teknologi pascapanen untuk industri berbasis pertanian. [Implementation of postharvest technology for agriculture based of industry]/ Thahir, R. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 7-19, 8 ref.
631.57:631.152/SEM/p bk1

CROPS; POSTHARVEST TECHNOLOGY; AGROINDUSTRIAL SECTOR; INNOVATION.

J15 PENANGANAN, TRANSPOR, PENYIMPANAN DAN PERLINDUNGAN HASIL PERTANIAN NON-PANGAN ATAU NON-PAKAN / HANDLING, TRANSPORT, STORAGE AND PROTECTION OF NON-FOOD OR NON-FEED AGRICULTURAL PRODUCTS

247 HARYATI, T. Pengaruh penyimpanan terhadap kualitas biodiesel minyak sawit. [Effect of storage on the quality of palm oil biofuel]/ Haryati, T.; Herawan, T.; Sabarida; Safruddin (Pusat Penelitian Kelapa Sawit, Medan (Indonesia)). Jurnal Penelitian Kelapa Sawit (Indonesia) ISSN 0853-196X (2005) v. 13(3) p. 103-108, 6 ill., 1 table; 4 ref.

PALM OILS; BIOFUELS; STORAGE; QUALITY; MOISTURE CONTENT.

K10 PRODUKSI KEHUTANAN / FORESTRY PRODUCTION

248 HERIYANTO, N.M. Ekologi dan potensi ramin (*Gonystylus bancanus* Kurz.) di kelompok hutan Sungai Tuan-Sungai Suruk, Kalimantan Barat. [Ecological and potential of ramin (*Gonystylus bancanus* Kurz.) at forest group, Sungai Tuan-Sungai Suruk, West Kalimantan]/ Heriyanto, N.M.; Garsetiasih, R. (Pusat Penelitian dan Pengembangan Hutan dan Konservasi Alam, Bogor (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 24-29, 3 tables; 21 ref.

GONYSTYLUS BANCANUS; FOREST ECOLOGY; BIODIVERSITY; PEAT SOILS.

249 TISTAMA, R. Perkembangan penelitian stimulan untuk pengaliran lateks *Hevea brasiliensis*. [Development of stimulant research for *Hevea brasiliensis* latex flow]/ Tistama, R.; Siregar, T.H.S. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2005) v. 24(2) p. 45-57, 4 tables; 28 ref.

HEVEA BRASILIENSIS; TAPPING; LATEX; STIMULANTS; RESEARCH.

L01 PETERNAKAN / ANIMAL HUSBANDRY

250 INOUNU, I. Peran iptek dalam mendukung kebijakan program kecukupan daging sapi 2010. [Role of science and technology supporting cow meat supply program policies in 2010]/ Inounu, I.; Martindah, E.; Saptati, R.A. (Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 11-19, 12 ref.
633.1/.9:636/SEM/p

MEAT; BEEF CATTLE; PRODUCTION INCREASE; MEAT PRODUCTION; INNOVATION; DEVELOPMENT POLICIES; BREEDING METHODS; FEEDS; ANIMAL HEALTH; TECHNOLOGY TRANSFER.

251 KARNADI, D. Pola pemeliharaan sapi potong rakyat di kawasan cagar alam Taman Nasional Baluran-Situbondo. [Rearing of beef cattle in preserved area of Baluran-Situbondo National Park]/ Karnadi, D. (Loka Penelitian Sapi Potong Grati, Pasuruan (Indonesia)). Prosiding temu teknis nasional tenaga fungsional pertanian 2006, Bogor 7-8 Sep 2006/ Hidayati, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.). Bogor: Puslitbangnak, 2006: p. 106-107, 2 tables; 3 ref.

BEEF CATTLE; REARING TECHNIQUES; REPRODUCTIVE PERFORMANCE; NATIONAL PARKS; JAVA.

252 MURYANTO. Hasil-hasil penelitian dan sumbangan pemikiran pengembangan ayam kedu. [Research results and idea contribution of kedu chicken development]/ Muryanto (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 114-118, 2 tables; 10 ref.
636.58/LOK/p

CHICKENS; INDIGENOUS ORGANISMS; DOMESTIC ANIMALS; POULTRY FARMING; DEVELOPMENT POLICIES; PRODUCTIVITY; SOCIOECONOMIC DEVELOPMENT.

253 RESNAWATI, H. Produktivitas ayam lokal yang dipelihara secara intensif. [Local chicken productivity reared by intensive system]/ Resnawati, H.; Bintang, I.A.K. (Balai Penelitian ternak, Bogor (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 121-125, 4 tables; 24 ref.
636.58/LOK/p

CHICKENS; DOMESTIC ANIMALS; REARING TECHNIQUES; INTENSIVE HUSBANDRY; EGG PRODUCTION; WEIGHT GAIN; CARCASS COMPOSITION.

254 TRIWULANNINGSIH, E. Kerbau sumber daging dan susu, mungkinkah. [Prospect of water buffalo as meat and milk sources]/ Triwulanningsih, E. (Balai Penelitian Ternak, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4427 (2005) v. 27(4) p. 9-11, 2 ill.

WATER BUFFALOES; SPECIES; ANIMAL HUSBANDRY METHODS; DEVELOPMENT POLICIES.

255 UTOMO, B.N. Pengembangan ternak di lahan pasang surut Kalimantan Tengah. [Development of livestock in intertidal land of Central Kalimantan)/ Utomo, B.N.; Djauhari, D.; Widjaja, E.; Nurdin, S. (Balai Pengkajian Teknologi Pertanian Kalimantan Tengah, Palangka Raya (Indonesia)). Prosiding lokakarya pengolahan lahan pasang surut di Kalimantan Tengah, Palangka Raya 16 Dec 2004/ Masganti; Sarwani, M.; Noor, M.; Massinai, R. (eds.). Palangka Raya: BPTP Kalimantan Tengah, 2005: p. 78-90, 4 ill; 4 tables; 28 ref.
631.445.9/LOK/p

LIVESTOCK; MEAT PRODUCTION; RATIONS; ANIMAL HUSBANDRY; AGRICULTURAL DEVELOPMENT; PRODUCTIVITY; KALIMANTAN.

L02 PAKAN HEWAN / ANIMAL FEEDING

256 HIDAYAT. Pengamatan pemberian jerami padi fermentasi (JPF) yang disuplementasi pakan penguat pada penggemukan berbagai jenis sapi potong. [Application of fermented rice straw supplemented by reinforce feed on fattening of beef cattle species]/ Hidayat; Purnama, R.D. (Balai Penelitian Ternak Ciawi, Bogor (Indonesia)). Prosiding temu teknis nasional tenaga fungsional pertanian 2006, Bogor 7-8 Sep 2006/ Hidayati, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.). Bogor: Puslitbangnak, 2006: p. 133-136, 2 tables; 4 ref.

BEEF CATTLE; RICE STRAW; FERMENTED PRODUCTS; FATTENING; WEIGHT GAIN; ANIMAL PERFORMANCE.

257 HUTASOIT, R. Faktor-faktor yang mempengaruhi partisipasi petani dalam melaksanakan ujicoba jenis pakan ternak sapi potong: studi kasus Desa Pasar Huta Bargot Kecamatan Penyabungan Kabupaten Madina. [Factors affecting farmers participation on implementing kinds of beef cattle feeds: case study in Pasar Huta Bargot Village, Penyabungan District, Madina Regency]/ Hutasoit, R.; Situmorang, M. (Loka Penelitian Kambing Potong Sei Putih, Galang Medan (Indonesia). Prosiding temu teknis nasional tenaga fungsional pertanian 2006, Bogor 7-8 Sep 2006/ Hidayati, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P. (eds.). Bogor: Puslitbangnak, 2006: p. 168-171, 4 ref.

BEEF CATTLE; FEEDS; FARMERS; SUMATRA.

258 PURWANTO, H. Kiat penggemukan sapi potong. [Methods of beef cattle fattening]/ Purwanto, H.; Muslih, D.; Pustaka, K. (Balai Penelitian Ternak Ciawi, Bogor (Indonesia)). Prosiding temu teknis nasional tenaga fungsional pertanian 2006, Bogor 7-8 Sep 2006/ Hidayati, N.; Syafriati, T.; Kushartono, B.; Sartika, T.; Kurniadhi, P.(eds.). Bogor: Puslitbangnak, 2006: p. 210-214, 3 tables; 10 ref.

BEEF CATTLE; FATTENING; ANIMAL HOUSING; FEEDS; GRASSES; WEIGHT GAIN; FARM INCOME.

259 RAHAYU, H.S.I. Introduksi suplemen omega-3 pada pakan untuk produksi daging ayam rendah kolesterol. [Introduction of omega-3 supplement in the diet for chicken meat with low cholesterol production]/ Rahayu, H.S.I. (Institut Pertanian Bogor (Indonesia). Fakultas Pertanian); Komari. Prosiding seminar nasional inovatif pascapanen untuk pengembangan industri berbasis pertanian: proses dan pengolahan hasil, Bogor 7-8 Sep 2005. Buku 1/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 98-104, 5 tables; 21 ref.
631.57:631.152/SEM/p bk1

CHICKENS; CARCASSES; SUPPLEMENTS; FEEDS; CHOLESTEROL.

260 SUCIPTO. Tampilan konsumsi protein kasar, NH_3 rumen dan kandungan protein susu sapi FH yang diberi tepung daun katuk (*Souropus andirogynus* Merr). Appearance of the consumption of woof protein, NH_3 rumen and friesian holstein cow milk giving of katuk (*Souropus andirogynus* Merr) leaf powder/ Sucipto (Sekolah Tinggi Penyuluhan Pertanian Magelang (Indonesia). Jurusan Penyuluhan Peternakan). Jurnal Pengembangan Penyuluhan Pertanian (Indonesia) ISSN 1858-1625 (2005) v. 1(1) p. 41-48, 5 tables; 14 ref.

DAIRY CATTLE; COW MILK; PROTEINS; CONSUMPTION; RUMEN; LEAVES.

261 YASA, I M.R. Probiotik biocas mempercepat pertumbuhan sapi bali di lahan kering Desa Sanggalangit Kecamatan Gerokgak Kabupaten Buleleng Bali. [Application of biocas probiotic to accelerate bali cattle growth in dryland of Sanggalang it village, Gerokgak, Buleleng, Bali (Indonesia)]/ Yasa, I M.R. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)); Dewi, Y.A. Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa, Bogor 27 Aug 2007/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.). Bogor: BBP2TP, 2007: p. 125-132, 3 ill., 3 tables; 13 ref.

BEEF CATTLE; PROBIOTICS; GROWTH; WEIGHT GAIN; FATTENING; FARM INCOME.

262 YUWANTO, T. Pengaruh phase feeding pada periode transisi terhadap hirarkhis folikel dan penampilan ayam petelur. Effect of phase feeding during transtition period on follicular hyrarchis and production performance of laying hens/ Yuwanto, T. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Peternakan). Jurnal Pengembangan Penyuluhan Pertanian (Indonesia) ISSN 1858-1625 (2005) v. 1(1) p. 25-40, 11 tables; 29 ref.

LAYER CHICKENS; FEEDING; EGGS; QUALITY; ANIMAL PERFORMANCE.

263 ZAINUDDIN, D. Strategi pemanfaatan pakan sumber daya lokal dan perbaikan manajemen ayam lokal. [Strategy of local feed sources utilization and the improvement of local chicken management]/ Zainuddin, D. (Balai Penelitian Ternak, Bogor (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 32-41, 6 tables; 33 ref.
636.58/LOK/p

CHICKENS; POULTRY FARMING; INTENSIVE HUSBANDRY; FEEDS; RATIONS; POULTRY HOUSING; FOOD WASTES; BYPRODUCTS.

264 ZURAIDA. Kuantitas dan kualitas nutrisi pakan orang utan di Pusat Reintroduksi Orang utan, Wanariset Samboja-Kalimantan Timur. [Quantity and quality of feed nutrient for orang utan (*Pongo pygmaeus*) at Wanariset Samboja-East Kalimantan]/ Zuraida (Pusat Penelitian dan Pengembangan Hutan dan Konservasi Alam, Bogor (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 34-39, 2 ill., 5 tables; 6 ref.

MONKEYS; FEEDS; PROXIMATE COMPOSITION; PROTEINS; QUALITY; FEED INTAKE; KALIMANTAN.

L10 GENETIKA DAN PEMULIAAN HEWAN / ANIMAL GENETICS AND BREEDING

265 BAKAR, A. Performans ayam buras dan biosekuritas di Balai Pembibitan Ternak Unggul sapi dwiguna dan ayam. [Performance of native chicken and brosecurity in the Institution for Cattle and Chicken Breeding, Sembawa]/ Bakar, A.; Pambudi, G.T.; Sunarto (Balai Pembibitan Ternak Unggul, Sembawa (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 61-86, 30 ill., 2 tables.
636.58/LOK/p

CHICKENS; CATTLE; BREEDING METHODS; HIGH YIELDING BREEDS; CROSSBREEDING; ANIMAL MORPHOLOGY; ANIMAL PERFORMANCE; ANIMAL WELFARE; RESEARCH INSTITUTIONS.

266 HANDIWIRAWAN, E. Pelestarian ayam hutan melalui pembentukan ayam bekisar untuk ternak kesayangan. [Conservation of forest chicken through bekisar chicken breeding]/ Handiwirawan, E. (Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 87-95, 1 table; 18 ref.
636.58/LOK/p

CHICKENS; DOMESTIC ANIMALS; INDIGENOUS ORGANISMS; CROSSBREDS; GERMPLASM CONSERVATION; GEOGRAPHICAL DISTRIBUTION; HABITATS; BEHAVIOUR; REARING TECHNIQUES.

L51 FISIOLOGI HEWAN – NUTRISI / ANIMAL PHYSIOLOGY – NUTRITION

267 SOEWARDI, K. Studi beberapa aspek biologi reproduksi ikan betutu (*Oxyeleotris marmorata* Bleeker) di Sungai Cisadane dan Waduk Saguling, Jawa Barat. [Study of some reproduction biological aspects of marble goby fishes (*Oxyeleotris marmorata* Bleeker) in Cisadane River and Saguling Reservoir, West Java]/ Soewardi, K. (Institut Pertanian Bogor (Indonesia). Fakultas Perikanan dan Ilmu Kelautan). Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 105-113, 13 tables; 14 ref.

FRESHWATER FISHES; REPRODUCTION; BIOLOGY; RIVERS; WATER RESERVOIRS; OXYELEOTRIS MARMORATA; MARBLE GOBY; JAVA.

L73 PENYAKIT HEWAN / ANIMAL DISEASES

268 CHOTIAH, S. Pengaruh proses freeze-drying dan penyimpanan pada suhu kamar terhadap viabilitas dan patogenisitas plasma nutfah mikroba *Pasteurella multocida*. [Effect of freeze drying process and preserving in a vacuum at room temperature viability and pathogenicity of veterinary microbe germplasm of *Pasteurella multocida*/ Chotiah, S. (Balai Besar Penelitian Veteriner, Bogor (Indonesia)). Buletin Plasma Nutfah (Indonesia) ISSN 1410-4377 (2006) v. 12(1) p. 40-44, 1 table; 10 ref.

PASTEURELLA MULTOCIDA; FREEZE DRYING; PRESERVATION; TEMPERATURE; VIABILITY; GERMPLASM; RATS; PATHOGENICITY.

269 SEMBIRING, B. Penanganan demam berdarah dengan ramuan bahan alami. [Dengue bleed fever healing by traditional medicines]/ Sembiring, B. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Warta Penelitian dan Pengembangan Tanaman Industri (Indonesia) ISSN 0853-8204 (2007) v. 13(1) p. 6-8, 1 ill.

FEVER; AEDES AEGYPTI; VIRUSES; TRADITIONAL MEDICINES; PHYLLANTHUS; GUAVAS; CARICA PAPAYA; CURCUMA; CURCUMA LONGA.

270 SUPARTIKA, I K.E. Sensitivitas dan spesifisitas uji immunoperoksidase tak langsung untuk mendiagnosa penyakit Jembrana pada sapi bali saat demam. Sensitivity and specificity of indirect immunoperoxidase technique which used to diagnose of Jembrana disease of bali cattle during febrile phase/ Supartika, I K.E.; Budiantono, A.; Dharma, D.M.N. (Balai Besar Veteriner Denpasar (Indonesia)). Buletin Veteriner (Indonesia) ISSN 0854-901X (2007) v. 14(70) p. 21-26, 1 ill., 4 tables; 9 ref.

BEEF CATTLE; ANIMAL DISEASES; DIAGNOSIS.

M12 PRODUKSI AKUAKULTUR / AQUACULTURE PRODUCTION

271 NURAWAN, A. Peningkatan pendapatan petani melalui penerapan teknologi minapadi. [Improvement of farmer income through applying minapadi (agropisciculture) technology]/ Nurawan, A. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). Prosiding lokakarya nasional akselerasi diseminasi inovasi teknologi pertanian mendukung pembangunan berawal dari desa, Bogor 27 Aug 2007/ Arsyad, D.M.; Sudana, W.; Hendayana, R.; Djamal, E. (eds.). Bogor: BBP2TP, 2007: p. 113-117, 3 tables; 6 ref.

ORYZA SATIVA; IRRIGATED RICE; AGROPISCICULTURE; FARM INCOME; FARMERS; FARM MANAGEMENT; FARMING SYSTEMS.

N20 MESIN DAN PERALATAN PERTANIAN / AGRICULTURAL MACHINERY AND EQUIPMENT

272 BUDIHARTI, U. Pendekatan sistem dinamik untuk mempelajari model mekanisasi penggilingan padi untuk memperkirakan produksi beras. System dynamic approach to find out mechanization model of rice mill to predict rice production/ Budiharti, U.; Tjahjohutomo, R.; Harsono; Gultom, R.Y. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong (Indonesia)); Basuki, R.S. Jurnal Enjiniring Pertanian (Indonesia) ISSN 1693-2900 (2007) v. 5(1) p. 1-12, 4 ill., 3 tables; 14 ref. Appendices.

RICE; MILLING; MECHANIZATION; POSTHARVEST TECHNOLOGY; SIMULATION MODELS.

273 FIRDAUS, J. Evaluasi kinerja dan penentuan titik impas alat perontok padi pada kelompok UPJA binaan Prima Tani. Work evaluation and identification on break even point of power thresher of UPJA groups supervised by Prima Tani/ Firdaus, J.; Sannang, Z. (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Palu (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan 5 Jun 2007. Buku 1/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 91-96, 3 tables; 4 ref.
631.152/SEM/p bk1

RICE; THRESHERS; EQUIPMENT PERFORMANCE; WORK CAPACITY; OPERATING COSTS; PROFITABILITY;

FARM HELPER SERVICES; FARMERS ASSOCIATIONS; INNOVATION.

274 WIRATMOKO, D. Cargo alternatif alat pelangsir bibit di lahan gambut. [Cargo as an alternative for oil palm seed moving in peat soil]/ Wiratmoko, D.; Rahutomo, S.; Fadli, M.L. Warta Pusat Penelitian Kelapa Sawit (Indonesia) ISSN 0853-2141 (2006) v. 14(3) p. 1-4, 4 ill.

ELAEIS GUINEENSIS; SEEDLINGS; EQUIPMENT; PEAT SOILS.

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

275 NATARAJAN, G. Jatropha biodiesel for rejuvenating the rural landscape/ Natarajan, G. Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 80-82.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; CASTOR OIL; BIOFUELS; RURAL DEVELOPMENT; RENEWABLE ENERGY.

276 SALIM, E. Pengelolaan sumber daya alam dan lingkungan membangun RI 2025. [Natural resources and environmental management in developing Indonesian Republic in 2025]/ Salim, E. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 1-4.
631.4/SEM/p

INDONESIA; NATURAL RESOURCES; MANAGEMENT; AGRICULTURAL DEVELOPMENT.

277 SEBAYANG, M. Analisis statistik perubahan penggunaan lahan di Kabupaten Pelalawan, Provinsi Riau. [Statistical analysis of land use changes in Pelalawan Regency, Riau Province]/ Sebayang, M. (Universitas Riau, Pekanbaru (Indonesia). Fakultas Teknik Sipil). Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 94-99, 1 ill., 4 tables; 4 ref.

LAND RESOURCES; LAND USE; SOCIOECONOMIC ENVIRONMENT; STATISTICAL METHODS; SUMATRA.

278 SUKARMAN. Arah dan strategi penelitian dan pengembangan sumber daya lahan mendukung revitalisasi pertanian. [Trend and strategy of land resources research and development supporting agricultural revitalization]/ Sukarman; Las, I. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 69-87, 2 tables; 17 ref.
631.4/SEM/p

FOOD CROPS; LAND RESOURCES; RESEARCH; LAND USE; FARMLAND; LAND DIVERSION.

P10 PENGELOLAAN DAN SUMBER DAYA AIR / WATER RESOURCES AND MANAGEMENT

279 SETIOBUDI, D. Peningkatan produktivitas air melalui toleransi varietas unggul baru, padi tipe baru dan padi hibrida terhadap kondisi kekurangan air: Peningkatan produktivitas air melalui toleransi varietas unggul baru, padi tipe baru dan padi hibrida terhadap kondisi kekurangan air. [Improving water production through tolerance of new high yielding varieties, new rice type and hybrid rice to water deficit condition]/ Setiobudi, D. (Balai Besar Penelitian Tanaman Padi, Sukamandi (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang 8 Nov 2007/ Muryanto; Prasetyo, T.; Prawirodigno, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 162-169, 6 tables; 16 ref.

ORYZA SATIVA; HIGH YIELDING VARIETIES; HYBRIDS; WATER USE; WATER TOLERANCE.

P33 KIMIA DAN FISIKA TANAH / SOIL CHEMISTRY AND PHYSICS

280 KERTONEGORO, B.D. Pencampuran tanah sebagai salah satu upaya dalam peningkatan produktivitas lahan pertanian. [Soil mixing as an effort on improving farmland productivity]/ Kertonegoro, B.D. (Universitas Gadjah Mada,Yogyakarta (Indonesia). Fakultas Pertanian); Muchtar; Hendrajaya. Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 43-49, 3 ill; 6 ref.
631.001.6/SEM/r

ARACHIS HYPOGAEA; CLAY SOILS; SANDY SOILS; MIXING; SOIL IMPROVEMENT; SOIL CHEMICOPHYSICAL PROPERTIES; SOIL BIOLOGY; LAND PRODUCTIVITY; FARMYARD MANURE; YIELD INCREASES.

281 KUSUMAYUDHA, S.B. Fractal analysis for slope stability on hilly area: a case study in the Kulonprogo Region, Yogyakarta Special Province, Java, Indonesia/ Kusumayudha, S.B. (Universitas Pembangunan Nasional Veteran, Yogyakarta (Indonesia)). Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 118-121, 6 ill., 1 table; 16 ref.

LAND RESOURCES; HIGHLANDS; SLOPING LAND; SOIL STRUCTURE; JAVA.

282 MUHAMMAD. Perubahan karakteristik kimia tanah sawah pada sistem surjan dan tukungan di lahan pasang surut sulfat masam. [Change of lowland chemical characteristic on surjan and tukungan system in acid sulphate tidal land]/ Muhammad; Maftu'ah, E. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 2/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 327-335, 5 ill., 6 tables; 4 ref.
631.445.9/SEM/r bk2

ORYZA SATIVA; IRRIGATED SOILS; SOIL CHEMICOPHYSICAL PROPERTIES; ACID SULPHATE SOILS; GROWTH; YIELDS.

283 PURWANTO, B.H. Sifat kimia tanah-tanah mineral dan pengaruhya atas konsentrasi hara tanaman sagu. [Mineral soil chemicophysical properties and its effort on nutrient concentration of sago plant]/ Purwanto, B.H. (Universitas Gadjah Mada,Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 50-56, 2 ill; 2 tables; 9 ref.
631.001.6/SEM/r

METROXYLON; MINERAL SOILS; SOIL CHEMICOPHYSICAL PROPERTIES; CATIONS; ION EXCHANGE CAPACITY; PLANT NUTRITION.

284 RIYANTO, D. Dinamika status hara P dan K serta serapan haranya pada tanaman padi beras merah mandel di lahan kering formasi Sentolo, Kabupaten Kulonprogo, DIY. [P and K status dynamic and nutrient uptake on red rice varieties in dryland at Kulonprogo Regency, Yogyakarta]/ Riyanto, D.; Mahening, R.; Sudihardjo, A.M.; Sarjiman. Prosiding seminar nasional sumber daya lahan pertanian, Bogor 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 119-127, 2 tables; 7 ref.
631.4/SEM/p

ORYZA SATIVA; VARIETIES; PHOSPHORUS; POTASSIUM; NUTRIENT UPTAKE; VARIETIES; DRY FARMING; ADAPTATION; YIELDS; JAVA.

285 SAIDY, A.R. Struktur karbon organik yang ditetapkan dengan C-13 nuclear magnetic resonance (NMR) spektroskopi dan mineralisasi karbon pada gambut yang digunakan untuk pertanian. Structure of organic carbon determined using C-13 nuclear magnetic resonance (NMR) spectroscopy and carbon mineralization of agricultural peat lands/ Saidy, A.R. (Universitas Lambung Mangkurat, Banjarmasin (Indonesia). Fakultas Pertanian). Jurnal Tanah Tropika (Indonesia) ISSN 0852-257X (2005) v. 11(1) p. 15-23, 6 ill., 2 tables; 24 ref.

CARBON; MINERALIZATION; ORGANIC MATTER; NMR SPECTROSCOPY; PEATLANDS; SOIL CHEMICOPHYSICAL PROPERTIES.

286 SUSILAWATI, H.L. Potensi produksi metana (CH_4) tanah sulfat masam di Kabupaten Barito Kuala Kalimantan Selatan. [Potential of methane (CH_4) production from

acid sulphate soil in Barito Kuala Regency, South Kalimantan]/ Susilawati, H.L.; Wihardjaka, A. (Balai Penelitian Lingkungan Pertanian, Jakenan (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 187-196, 4 ill., 14 ref.
631.445.9/SEM/p bk1

ORYZA SATIVA; PLANT PRODUCTION; PH; METHANE; ACID SULPHATE SOILS; KALIMANTAN.

P34 BIOLOGI TANAH / SOIL BIOLOGY

287 MARIYATUN. Isolasi dan seleksi azotobacter penambat nitrogen dan penghasil zat pengatur tumbuh dari berbagai janis tanah. [Isolation and selection of nitrogen fixing azotobacter and plant growth substances producers from various soil types]/ Mariyatun; Widhastri, S.; Widada, J. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta 15 Sep 2006. Yogyakarta: UGM, 2006: p. 81-86, 2 ill; 2 tables; 10 ref.
631.001.6/SEM/r

AZOTOBACTER; NITROGEN FIXING BACTERIA; ISOLATION; PLANT GROWTH SUBSTANCES; SOIL IMPROVEMENT; IAA; GENETIC VARIATION; SOIL TYPES.

288 MURSIDAWATI, S. Asosiasi mikoriza dalam konservasi anggrek alam. Mycorrhizae association in wild orchids conservation/ Mursidawati, S. (Pusat Konservasi Tumbuhan Kebon Raya Bogor (Indonesia)). Buletin Kebun Raya Indonesia (Indonesia) ISSN 0125-96/X (2007) v. 10(1) p. 24-30, 43 ref.

ORCHIDACEAE; ORNAMENTAL PLANTS; MYCORRHIZAE; SYMBIOSIS; GERMINATION.

289 MUSTIKAWATI, D.R. Catatan pertumbuhan dan produksi jagung yang diinokulasi multistrain Azospirillum. Note on the growth and yield of maize inoculated with multistrains of Azospirillum/ Mustikawati, D.R. (Balai Pengkajian Teknologi Pertanian Lampung, Bandar Lampung (Indonesia)); Gandanegara, S. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 115-119, 2 tables; 18 ref.

ZEA MAYS; INNOCULATION; AZOSPIRILLUM; GROWTH; AGRONOMIC CHARACTERS; YIELDS.

P35 KESUBURAN TANAH / SOIL FERTILITY

290 ANSHORI, A. Perubahan nitrogen dalam tanah, peningkatan gas rumah kaca N_2O dan penipisan ozon. Nitrogen transformation in soil, increasing N_2O greenhouse gas and ozone depletion/ Anshori, A. (Loka Penelitian Pencemaran Lingkungan Pertanian, Pati (Indonesia)). Buletin Ilmiah Instiper (Indonesia) ISSN 0852-8772 (2006) v. 13(1) p. 12-22, 4 ill., 3 tables; 14 ref.

SOIL CHEMICOPHYSICAL PROPERTIES; NITROGEN; NITRIFICATION; DENITRIFICATION; GREENHOUSES; GASES; OZONE; POLLUTION.

Q02 PENGOLAHAN DAN PENGAWETAN PANGAN / FOOD PROCESSING AND PRESERVATION

291 PANGARIBUAN, D.H. Pengaruh perlakuan panas pada kualitas pascapanen tomat irisan. Effect of heat treatments on the postharvest quality of tomato slices/ Pangaribuan, D.H. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian); Irving, D. Jurnal Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(2) p. 74-82, 6 ill., Bibliography: p. 81-82.

TOMATOES; POSTHARVEST TECHNOLOGY; HEAT TREATMENT; CUTTING; MATURITY; KEEPING QUALITY; ETHYLENE PRODUCTION; RESPIRATION RATE; FIRMNESS; ACIDITY.

292 PANGARIBUAN, D.H. Produksi etilen dan laju respirasi pada buah dan irisan tomat. Ethylene production and respiration rate fruit and sliced tomatoes/ Pangaribuan, D.H. (Universitas Lampung, Bandar Lampung (Indonesia). Fakultas Pertanian). Jurnal

Agrotropika (Indonesia) ISSN 0216-7662 (2006) v. 11(1) p. 15-21, 2 ill., 42 ref.
TOMATOES; MATURITY; ETHYLENE PRODUCTION; RESPIRATION RATE; FRUITS; CUTTING; STORAGE; KEEPING QUALITY.

293 WIDYOTOMO, S. Pengaruh penggilingan biji kakao pascasangrai terhadap perubahan distribusi ukuran keping biji. Influence of milling process of roasted cocoa beans on size distribution change of cocoa cotyledon/ Widyotomo, S. (Balai Penelitian Kopi dan Kakao, Jember (Indonesia)); Sri-Mulato; Suharyanto. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2007) v. 23(1) p. 73-89, 8 ill, 4 tables; 17 ref.

COCOA BEANS; MILLING; DIMENSION; POSTHARVEST TECHNOLOGY.

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

294 SIAHAAN, D. Kajian produksi terpadu karoten, vitamin E, dan biodiesel dari minyak sawit mentah. [Study of integrated production of carotenoid, vitamin E and biodiesel from unripe palm oil]/ Siahaan, D.; Lamria, M.. Warta Pusat Penelitian Kelapa Sawit (Indonesia) ISSN 0853-2141 (2006) v. 14(3) p. 11-12, 3 ill., 4 tables; 11 ref.

PALM OILS; BIOFUELS; VITAMIN E; CAROTENOIDS; DISTILLING.

Q70 PENGOLAHAN LIMBAH PERTANIAN / PROCESSING OF AGRICULTURAL WASTES

295 PURWATI, S. Potensi dan alternatif pemanfaatan limbah padat industri pulp dan kertas. Potency and utilization alternatives of pulp and paper industry solid waste/ Purwati, S.; Soetopo, R.S.; Setiadji; Setiawan, Y. (Balai Besar Pulp dan Kertas, Bandung (Indonesia)). Berita Selulosa (Indonesia) ISSN 0005-9145 (2006) v. 41(2) p. 67-79, 12 tables; 21 ref.

PULP; PULP AND PAPER INDUSTRY; SOLID WASTES; WASTE MANAGEMENT ; WASTE UTILIZATION; USES.

296 SETIAWAN, Y. Pembentukan lumpur granul dalam pengolahan air limbah pemutihan pulp dengan reaktor up-flow anaerobic sludge blanket (UASB). Granular sludge formation in treating of bleaching effluent by up-flow anaerobic sludge blanket (UASB) reactor/ Setiawan, Y.; Purwati, S.; Kristaufan J.P.; Soetopo, R.S. (Balai Besar Pulp dan Kertas, Bandung (Indonesia)). Berita Selulosa (Indonesia) ISSN 0005-9145 (2006) v. 41(2) p. 58-66, 7 ill., 2 tables; 12 ref.

PULP; PULP AND PAPER INDUSTRY; WASTE WATER; WASTEWATER TREATMENT; EQUIPMENT.

297 SHOFIYANI, A. Kinetika adsorpsi Cu (II) pada adsorben karbon aktif dan chitosan hasil preparasi dari cangkang udang windu (*Penaeus monodon*). [Kinetics adsorption of Cu (II) ions on activated carbon and chitosan which prepared from prawn shell (*Penaeus monodon*)]/ Shofiyani, A.; Zaharah, T.A. (Universitas Tanjungpura, Pontianak (Indonesia). Fakultas Matematika dan Ilmu Pengetahuan Alam). Jurnal Natur Indonesia (Indonesia) ISSN 1410-9379 (2006) v. 8(2) p. 69-73, 6 ill., 2 tables; 17 ref.

PRAWNS AND SHRIMPS; SHELL; FISH WASTES; ACTIVATED CARBON; CHITOSAN; ADSORBENTS.

298 SOETOPO, R.S. Karakteristik vermikompos dari limbah padat IPAL industri kertas. Characteristics of vermicompost made from solid waste of paper mill waste water treatment plant/ Soetopo, R.S.; Purwati, S. (Balai Besar Pulp dan Kertas, Bandung (Indonesia)). Berita Selulosa (Indonesia) ISSN 0005-9145 (2006) v. 41(2) p. 80-89, 3 ill., 8 tables; 14 ref.

ZEA MAYS; COMPOSTS; PULP; PULP AND PAPER INDUSTRY; SOLID WASTES; WASTE WATER; WASTEWATER TREATMENT; WASTE MANAGEMENT; WASTE UTILIZATION; USES.

T01 POLUSI / POLLUTION

299 SETYANTO, P. Emisi gas rumah kaca dari varietas padi pasang surut. [Green house gass emission from tidal rice varieties]/

Setyanto, P.; Susilawati, H.L. (Balai Penelitian Lingkungan Pertanian, Jakenan Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 2/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 281-291, 3 ill., 2 tables; 7 ref.
631.445.9/SEM/r bk2

ORYZA SATIVA; VARIETIES; GREENHOUSES; POLLUTION; METHANE.

300 SETYANTO, P. Mitigasi emisi gas metan pada tanah gambut dengan varietas padi . [Mitigation of methane gas emission on peat soil by rice varieties]/ Setyanto, P.; Susilawati, H.L. (Balai Penelitian Lingkungan Pertanian, Jakenan (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas 3-4 Aug 2007. Buku 2/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 293-300, 1 ill., 1 table; 9 ref.
631.445.9/SEM/r bk2

ORYZA SATIVA; VARIETIES; GASES; POLLUTION; METHANE; CLIMATIC CHANGE; PEAT SOILS.

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