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Jalan Ir. H. Juanda 20, Bogor 16122, Indonesia

C20 PENYULUHAN / EXTENSION

601 RUSMONO, M. Strategi Badan Penyuluhan dan Pengembangan SDM Pertanian dalam percepatan pencapaian target dan exit strategi P3TIP/FEATI. [*Strategy of Agricultural Manpower Agency for Extensia and Development in accelerating targeted achievement*] / Rusmono, M.; Chaidirsyah, R.M. (Pusat Penyuluhan Pertanian, Jakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 15-24, 2 ill.
631.152:338.43/SEM/p

HUMAN RESOURCES; AGRICULTURAL DEVELOPMENT; EXTENSION ACTIVITIES; PARTNERSHIPS; FARMERS ASSOCIATIONS; ENTERPRISES; AGROINDUSTRIAL SECTOR; FARM INCOME; SUSTAINABILITY.

602 SUDANA, I W. Strategi percepatan capaian target dan keberlanjutan program FEATI. [*Acceleration strategy of the realization and sustinability of FEATI (Farmer Empowernt throught Agricultural Technology and Information) Program*] / Sudana, I W. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 9-14, 5 ref.
631.152:338.43/SEM/p

AGRICULTURAL SECTOR; DEVELOPMENT POLICIES; INFORMATION TECHNOLOGY; EXTENSION ACTIVITIES; FARMERS; PARTICIPATION; QUALITY OF LIFE; ECONOMIC COMPETITION; SUSTAINABILITY.

E10 EKONOMI DAN KEBIJAKAN PERTANIAN / AGRICULTURAL ECONOMICS AND POLICIES

603 Nilai ekonomi diversifikasi tanaman pala (*Myristica fragrans*). [*Economic diversification value crops nutmegs (Myristica fragrans)*] / Listyati, D.; Sudjarmoko, B.; Soraya, C. (Balai Penelitian Tanaman Industri dan Penyegar, Parungkuda). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2010) v. 16(1) p. 20-23

MYRISTICA FRAGRANS; ROSMARINUS OFFICINALIS; ECONOMICS; FARMING SYSTEMS; FOOD TECHNOLOGY; DIVERSIFICATION.

604 ABUBAKAR, M. Kemandirian pangan: cadangan publik, stabilisasi harga dan diversifikasi. *Food independency: public reserve, price stabilization and diversification* / Abubakar, M. (Badan Urusan Logistik, Jakarta). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(2) p. 107-129., 10 tables.; 5 ill; 6 ref.

INDONESIA; FOOD STOCKS; PRICES; DIVERSIFICATION; FOOD CONSUMPTION; TRADE.

605 BUDIARSANA, I G.M. Analisis kelayakan teknis dan ekonomis usaha peternakan sapi Brahman Cross pola pembibitan di tingkat peternak di Desa Pagelaran, Kabupaten Sukabumi. *Technical and economic feasibility analysis of Brahman Cross cattle in small holder breeding farm in the Pagelaran Village, District of Sukabumi* / Budiarsana, I G.M.; Praharani, L.; Juarini, E. (Balai Penelitian Ternak, Ciawi-Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor: Puslitbangnak, 2012: p. 300-307, 1 ill., 6 tables; 14 ref.
636+619/SEM/p

BEEF CATTLE; OESTROUS CYCLE; PREGNANCY; REPRODUCTIVE PERFORMANCE; ECONOMIC ANALYSIS; ANIMAL BREEDING; SMALL FARMS.

606 HANAFI, H. Upaya pemantapan ketahanan pangan padi dan palawija melalui pendekatan pembangunan desentralisasi di Daerah Istimewa Yogyakarta. [*Efforts of food security stabilization of rice and palawija*

through decentralization approach in Yogyakarta] / Hanafi, H.; Subagio (Balai Pengkajian Teknologi Pertanian, Yogyakarta). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 Jun 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor: Puslitbangtan, 2011: p. 631-638, 1 ill., 5 tables; 8 ref.
633.34/.4-115.2/SEM/i

RICE; FOOD CROPS; PRODUCTION; DECENTRALIZATION; DEVELOPMENT POLICIES; LAND USE; EXTENSIFICATION; FOOD CONSUMPTION; FOOD SECURITY; RURAL COMMUNITIES; JAVA.

607 ILHAM, N. *Effectiveness of food price policies on food security* / Ilham, N. (Pusat Sosial Ekonomi dan Kebijakan Pertanian, Bogor); Siregar, H.; Priyarsono, D.S. Indonesian Journal of Agriculture. ISSN 1979-4673 (2011) v. 4(1) p. 58-66, 5 ill., 6 tables; 15 ref.

FOODS; PRICE POLICIES; FOOD SECURITY; CREDIT; FOOD SAFETY.

608 IQBAL, M. Rancang bangun sinergi kebijakan agropolitan dan pengembangan ekonomi lokal menunjang percepatan pembangunan wilayah. *Design of policy synergy of agropolitan and local economic development to accelerate regional development* / Iqbal, M.; Anugrah, I.S. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(2) p. 169-188., 4 ill; 4 tables.; 22 ref.

URBAN AREAS; DEVE LOPMENT POLICIES; ECONOMIC DEVELOPMENT; REGIONAL DEVELOPMENT; AGRICULTURAL DEVELOPMENT.

609 MURDIYATI, A.S. Prospek tembakau rendah nikotin: studi kasus tembakau madura. [*Prospects of low nicotine tobacco case study of madura tobacco*] / Murdiyati, A.S.; Suwarso; Herawati, A. (Balai Penelitian Tanaman Serat, Malang). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2008) v. 14(1) p. 6-8, 3 tables.

NICOTIANA TABACUM; NICOTINE; HYBRIDIZATION; QUALITY; FARMING SYSTEMS; TOBACCO; INDUSTRY.

610 PURWANTINI, T.B. Peningkatan partisipasi dan konsumsi ubi jalar: langkah strategis pengembangan diversifikasi pangan. *Enhancing sweet potato participation rate and consumption: a strategic step toward food diversity* / Purwantini, T.B.; Saliem, H.P. (Pusat Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor, 25 Nov 2010 / Hutabarat, B.; Rusastra, I W.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 129-148, 1 ill., 15 tables; 7 ref.
63.001.6/SEM/p

SWEET POTATOES; FOOD CONSUMPTION; USES; DIVERSIFICATION.

611 RACHMAN, B. Kebijakan subsidi pupuk: tinjauan terhadap aspek teknis, manajemen dan regulasi. *Fertilizer subsidy policy: overview on technical, management, and regulation aspects* / Rachman, B. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(2) p. 131-146., 2 tables; 1 ill., 15 ref.

FERTILIZERS; SUBSIDIES; REGULATIONS; POLICIES.

612 SUDANA, I W. Tahapan proses perencanaan pengkajian BPTP. *Planning process phases AIAT assessment* / Sudana, I W. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Informatika Pertanian. ISSN 0852-1743 (2010) v. 19(2) p. 89-107, 14 ref.

RESEARCH INSTITUTIONS; PLANNING; AGRICULTURAL POLICIES; TECHNOLOGY TRANSFER; INNOVATION ADOPTION.

613 WAHYUNI, S. Sosialisasi kedelai sebagai "pangan fungsional" mendukung program intensifikasi kedelai. *Promoting soybean as "functional food" to support the soybean intensification program* / Wahyuni, T.S.; Adawiyah, C.R.; Yofa, R.D. (Pusat

Analisis Sosial Ekonomi dan Kebijakan Pertaniani, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor, 25 Nov 2010 / Hutabarat, B.; Rusastra, I W.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 209-219, 7 tables; 16 ref.
63.001.6/SEM/p

SOYBEANS; HEALTH FOODS; FOOD SECURITY; NUTRITIVE VALUE; PROXIMATE COMPOSITION; PRODUCTION INCREASE; CONSUMPTION; USES; CONSTRAINTS.

E11 EKONOMI DAN KEBIJAKAN LAHAN / LAND ECONOMICS AND POLICIES

614 ABDURACHMAN, A. Kondisi dan antisipasi keterbatasan lahan pertanian di Pulau Jawa. [*Condition and anticipation of agricultural land limitation in Java*] / Abdurachman, A.; Mulyani, A.; Nurida, N.I. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Pengembangan Inovasi Pertanian. ISSN 1979-5378 (2009) v. 2(4) p. 283-285.

JAVA; FARMLAND; LAND USE; URBANIZATION; REGULATIONS; EXTENSION ACTIVITIES; DIVERSIFICATION; MIGRATION.

615 ROSMAN, R. Kesesuaian lahan dan iklim tanaman nilam. *Land and climate suitability for patchouli plantation* / Rosman, R. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.). Jakarta: Badan Litbang Pertanian, 2012: p. 57-64, 3 ill., 2 tables; 32 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; LAND SUITABILITY; CLIMATE; SOIL CHEMICOPHYSICAL PROPERTIES; CARTOGRAPHY; TECHNOLOGY.

616 SURIADIKARTA, D.A. Pembelajaran dari kegagalan penanganan kawasan PLG sejuta hektar menuju pengelolaan lahan gambut berkelanjutan. [*Learning from the failure of a million ha swampland area handling towards sustainable swampland management*] / Suriadikarta, D.A. (Balai Penelitian Tanah, Bogor). Pengembangan Inovasi Pertanian. ISSN 1979-5378 (2009) v. 2(4) p. 229-242, 38 ref.

KALIMANTAN; PEATLANDS; LAND MANAGEMENT; DEVELOPMENT PLANS; PLANNING; SOCIOECONOMIC ENVIRONMENT; ECOSYSTEMS; WATER MANAGEMENT; LAND SUITABILITY; FARMING SYSTEMS; SUSTAINABILITY.

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

617 ASHARI. Analisis dan kinerja program dana penguatan modal lembaga usaha ekonomi perdesaan (DPM LUEP): studi kasus Kabupaten Ngawi Jawa Timur. *Analysis and program performance of DPM LUEP (Capital Empowerment for Rural Economic Institution): the case of Ngawi District, East Java Province* / Ashari (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(2) p. 147-168, 8 tables; 9 ref.

RICE; PRICE STABILIZATION; CAPITAL; POLICIES; MARKETING; FARMERS; JAVA.

618 HADI, P.U. Dampak investasi pertanian terhadap PDB pertanian, kesempatan kerja dan pendapatan petani. *Agricultural investment impacts on agriculture gross domestic product,employment, and farmer's income* / Hadi, P.U. (Pusat Sosial Ekonomi dan Kebijakan Pertaniani, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor, 25 Nov 2010 / Hutabarat, B.; Rusastra, I W.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 149-174, 2 ill., 11 tables; 15 ref.
63.001.6/SEM/p

AGRICULTURE; INVESTMENT; FARM INCOME; FARM EQUIPMENT; FEASIBILITY STUDIES; EMPLOYMENT.

619 HESTINA, J. Pengembangan asuransi usahatani padi untuk menanggulangi risiko kerugian akibat banjir, kekeringan dan hama

penyakit. *Rice farming insurance to cope with risks of flood, drought, and pests and diseases* / Hestina, J.; Khoiriyah A., N.; Supriyatna, A.; Pasaribu, S.M. (Pusat Analisis Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor, 25 Nov 2010 / Hutabarat, B.; Rusastra, I W.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 175-187, 2 ill., 3 ref.
63.001.6/SEM/p

ORYZA SATIVA; RICE; AGRICULTURAL INSURANCE; FARMING SYSTEMS; INJURIOUS FACTORS; DROUGHT STRESS; PESTS OF PLANTS; PLANT DISEASES.

620 SAYAKA, B. Peningkatan akses petani terhadap kredit ketahanan pangan dan energi. *Enhancing farmers' access to food security and energy credit* / Sayaka, B.; Rivai, R.S. (Pusat Sosial Ekonomi dan Kebijakan Pertaniani, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor, 25 Nov 2010 / Hutabarat, B.; Rusastra, I W.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 188-208, 2 tables; 6 ref. Appendix.
63.001.6/SEM/p

FARMERS; FOOD SECURITY; CREDIT; CONSTRAINTS.

E14 EKOMONI DAN KEBIJAKAN PEMBANGUNAN / DEVELOPMENT ECONOMICS AND POLICIES

621 DARMAWIREDJA, M.R. Penguatan sinergi penelitian dan penyuluhan dalam pengembangan teknologi tanaman pangan. [*Strengthening research and extension sinergy in developing food crops technology*] / Darmawiredja, M.R. (Pusat Pengembangan Penyuluhan Pertanian, Jakarta). Prosiding seminar nasional tanaman pangan: Inovasi teknologi berbasis ketahanan pangan berkelanjutan. Buku I, Bogor, 14 Aug 2009 / Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2010: p. 16-22, 1 ill.
633.1/4-115.2/SEM/p

FOOD CROPS; DEVELOPMENT POLICIES; TECHNOLOGY; RESEARCH; EXTENSION ACTIVITIES; FARMERS; TECHNOLOGICAL CHANGES; COMMUNICATION TECHNOLOGY.

622 ISHAK, A. Persepsi dan tingkat adopsi petani padi terhadap penerapan System of Rice Intensification (SRI) di Desa Bukit Peninjauan I, Kecamatan Sukaraja, Kabupaten Seluma. *Perception and the adoption of the application of rice farmers, System of Rice Intensification (SRI) in the District Seluma* / Ishak, A.; Afrizon (Balai Pengkajian Teknologi Pertanian Bengkulu, Bengkulu). Informatika Pertanian. ISSN 0852-1743 (2011) v. 20(2) p. 76-80, 4 tables; 9 ref.

RICE; INNOVATION ADOPTION; PUBLIC OPINION; FARMERS; TECHNOLOGY TRANSFER; PRODUCTIVITY.

623 NOVARIANTO, H. Arah pengembangan sagu (*Metroxylon*) di Indonesia. [*Direction of development of sago (Metroxylon) in Indonesia*] / Novarianto, H.; Hosang, M. (Balai Penelitian Kelapa dan Palma Lain, Manado). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2008) v. 14(1) p. 4-6.

METROXYLON; SUSTAINABILITY; AGRICULTURAL DEVELOPMENT; DEVELOPMENT PLANS; PRODUCTION SECTOR; INDONESIA.

624 RIDWAN, H.K. Adopsi inovasi teknologi pengelolaan terpadu kebun jeruk sehat (PTKJS) di Kabupaten Ponorogo, Jawa Timur. *Adoption of integrated crop management for healthy citrus orchard in Ponorogo, East Java* / Ridwan, H.K. (Pusat Penelitian dan Pengembangan Hortikultura, Jakarta); Sabari; Rahman, S.; Rofik, S.B.; Agus, R. Jurnal Hortikultura. ISSN 0853-7097 (2010) v. 20(1) p. 96-102, 3 tables; 13 ref.

CITRUS; INNOVATION ADOPTION; APPROPRIATE TECHNOLOGY; CROP MANAGEMENT; AGROINDUSTRIAL SECTOR

625 SEKRETARIAT BADAN PENELITIAN DAN PENGEMBANGAN PERTANIAN. Sinergi penelitian dan pengembangan bidang pertanian. [*Synergy of research and development on agricultural sector*]. Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2009) v. 31(1) p. 18-19, 1 ill.

AGRICULTURAL DEVELOPMENT; RESEARCH.

626 SUTRISNA, N. Pendampingan teknologi pada kegiatan sekolah lapang pengelolaan tanaman terpadu (SL-PTT) padi sawah di Propinsi Jawa Barat. [*Technology assistance on integrated plant management field school activities of irrigated rice in West Java*] / Sutrisna, N.; Banjar, H.; Sadikin, I. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 73-80, 5 ill., 2 tables; 13 ref.
631.152:338.43/SEM/p

IRRIGATED RICE; INBRED LINES; INTEGRATED PLANT PRODUCTION; CROP MANAGEMENT; TRAINING PROGRAMMES; TECHNOLOGY TRANSFER; FARMERS; PARTICIPATION; PRODUCTIVITY; JAVA.

627 SUYAMTO. Kontribusi inovasi teknologi dan arah penelitian dan pengembangan tanaman pangan ke depan. [*Contribution of technology innovation and food crops research and development strategy in the future*] / Suyamto; Widiarta, I N. (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Prosiding seminar nasional tanaman pangan: Inovasi teknologi berbasis ketahanan pangan berkelanjutan. Buku I, Bogor, 14 Aug 2009 / Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2010: p. 1-15, 1 table; 19 ref.
633.1/4-115.2/SEM/p

FOOD CROPS; INNOVATION; DEVELOPMENT POLICIES; PRODUCTION INCREASE; HIGH YIELDING VARIETIES; FARMERS ASSOCIATIONS; PARTICIPATION; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION.

E16 EKONOMI PRODUKSI / PRODUCTION ECONOMICS

628 FERI, Y. Produktivitas lada Indonesia seperti jalan di tempat. [*Productivity of pepper in Indonesia*] / Feri, Y. (Balai Penelitian Tanaman Industri dan Penyegar, Sukabumi). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2008) v. 14(1) p. 10-11, 1 ill., 4 tables.

PEPPER; PRODUCTION; HIGH YIELDING VARIETIES; PRODUCTIVITY; AGRICULTURAL DEVELOPMENT; DIVERSIFICATION; CAPITAL; SEED STANDS; CULTIVATION; INDONESIA.

629 HANDOKO. Peningkatan produktivitas padi gogo di lahan pengelolaan bersama masyarakat (PHBM) dengan varietas unggul baru tahan penyakit. [*Improving upland rice productivity in land cooperative management with disease reistance new high yielding varieties*] / Handoko; Pikukuh, B. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Prosiding seminar nasional pengkajian dan diseminasi inovasi pertanian mendukung program strategis Kementerian Pertanian. Buku 3 / Hendayana, R.; Arifin, M.; Bustaman, S.; Arsyad, D.M.; Jamal, E.; Djauhari, A.; Mardiharini, M.; Arsanti, I.W. (eds.). Bogor: BBP2TP, 2011: p. 1193-1196, 2 tables; 9 ref.
631.15/.17/SEM/P bk3

ORYZA SATIVA; UPLAND RICE; HIGH YIELDING VARIETIES; PRODUCTION INCREASE; COST BENEFIT ANALYSIS.

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

630 ADIJAYA, I N. Performan usahatani bawang merah asal biji dan umbi di lahan kering. [*Performance of seed and tubers generated shallots farming system in dry land*] / Adijaya, I N. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar). Bulletin Teknologi dan Informasi Pertanian BPTP Bali. ISSN 1693-1262 (2010) v. 8(23) p. 18-21, 1 ill., 1 table; 7 ref.

ALLIUM ASCALONICUM; TUBERS; GROWTH; DRY FARMING; ARID ZONES; YIELDS;

631 ANUGRAH, I.S. *Considering mangoes as local high priority commodity in an agribusiness system policy: an endeavor to unite institutional support for the benefit of farmers*: Mendudukan komoditas mangga sebagai unggulan daerah dalam suatu kebijakan sistem agribisnis: upaya menyatukan dukungan kelembagaan bagi eksistensi petani / Anugrah, I.S. (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Analisis Kebijakan Pertanian. ISSN 1693-2021 (2009) v. 7(2) p. 189-211., 4 tables; 3 ill; 16 ref.

MANGIFERA INDICA; VARIETIES; AGRICULTURAL DEVELOPMENT; AGRICULTURAL POLICIES; FARM INCOME; MARKETING.

632 DA SILVA, H. Respon petani terhadap varietas unggul baru ubi jalar, dan peningkatan pendapatan melalui home industri di Kab. Timor Tengah Selatan. [*Farmer response to new sweet potato high yielding varieties and income increase through home industry in Timur Tengah Selatan District*] / Da Silva, H.; Murdolelono, B. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 Jun 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor: Puslitbangtan, 2011: p. 578-586, 1 ill., 4 tables; 6 ref.
633.34/.4-115.2/SEM/i

SWEET POTATOES; INTRODUCED VARIETIES; HIGH YIELDING VARIETIES; PRODUCTIVITY; FARM INCOME; COTTAGE INDUSTRY; FARMERS; PARTICIPATION; NUSA TENGGARA.

633 HASIBUAN, A.M. Prospek dan kelayakan usaha tani nyamplung (*Calophyllum inophyllum* LINN.). [*Prospect and feasibility of farmer need nyamplung (Calophyllum inophyllum*)] / Hasibuan, A.M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Parungkuda, Sukabumi). Bunga rampai tanaman industri potensial penghasil biodiesel dan bioetanol / Haadad E.A., M.; Wardiana, E.; Daras, U.; Syafaruddin; Udarno, L.; Supriadi, H.; Rivai, A.M. (eds.). Parungkuda, Sukabumi: Balittri, 2009: p. 75-83, 2 ill., 4 tables; 8 ref.
633.9/BAL/b

CALOPHYLLUM; FARMING SYSTEMS; MULTIPLE CROPPING; BIOFUELS; DIESEL ENGINES.

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631.152:338.43/SEM/p

CITRUS; FARMING SYSTEMS; INDUCED FLOWERING; PLANT GROWTH SUBSTANCES; PACLOBUTRAZOL; TECHNOLOGY TRANSFER; PROFITABILITY; JAVA.

635 KAUMAUNANG, J. Kemajuan pembangunan kebun induk kelapa dalam komposit dan strategi perluasannya. [*Development progress of composite tall coconut parental garden and its expansion strategy*] / Kaumaunang, J. (Balai Penelitian Kelapa dan Palma Lain, Manado). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2008) v. 14(1) p. 11-15, 1 table.

COCOS NUCIFERA; VARIETIES; SEED STANDS; OPEN POLLINATION; AGRICULTURAL DEVELOPMENT; DEVELOPMENT POLICIES.

636 KUSUMASARI, A.C. Pengkajian sistem usaha tani jagung bersari bebas di lahan kering Kabupaten Semarang. [*Assessment of open pollinated maize farming system in dry land of Semarang Regency*] / Kusumasari, A.C.; Jauhari, S. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat

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ZEA MAYS; OPEN POLLINATION; VARIETIES; FARMING SYSTEMS; PRODUCTIVITY; CROP PERFORMANCE; DRY FARMING; JAVA.

637 PERTIWI, M.D. Peningkatan produktivitas padi melalui penerapan pengelolaan tanaman terpadu padi sawah di Kab. Batang. [*Improving rice productivity through implementing integrated plant management of irrigated rice in Batang Regency*] / Pertiwi, M.D.; Gilang C.L.; Choliq, A. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 81-88, 1 ill., 5 tables; 9 ref. 631.152:338.43/SEM/p

IRRIGATED RICE; INTEGRATED PLANT PRODUCTION; CROP MANAGEMENT; VARIETY TRIALS; AGRONOMIC CHARACTERS; PRODUCTION INCREASE; PRODUCTIVITY; JAVA.

638 RIDWAN, H.K. Analisis finansial penggunaan benih kentang bersertifikat dalam meningkatkan pendapatan usahatani petani kentang. *Financial analysis of potato farming system using G, certified seed to improve potato farmer's income* / Ridwan, H.K.; Sabari; Hilman, Y. (Pusat Penelitian dan Pengembangan Hortikultura, Jakarta). Jurnal Hortikultura. ISSN 0853-7097 (2010) v. 20(2) p. 196-206., 7 tables; 12 ref.

SOLANUM TUBEROSUM; SEED POTATOES; ECONOMIC ANALYSIS; SEED CERTIFICATION; FARM INCOME.

639 RIZAL, M. Strategi pengembangan minyak atsiri Indonesia. [*Strategy of Indonesian essential oil development*] / Rizal, M.; Djazuli, M. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2006) v. 28(5) p. 13-14, 4 ill.

INDONESIA; ESSENTIAL OILS; DEVELOPMENT POLICIES; QUALITY; MINIMUM PRICES; AGRICULTURAL PRODUCTS; EXPORTS.

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CORIANDRUM SATIVUM; DISTILLING; FEASIBILITY STUDIES; CHEMICOPHYSICAL PROPERTIES; QUALITY; COST BENEFIT ANALYSIS.

641 SUKAMTO. Sistem integrasi usahatani seraiwangi dan ternak sapi sebagai simpul agribisnis terpadu. *Integrated farming system of Java citronella grass and livestock as an integrated agribusiness* / Sukamto; Suheryadi, D.; Wahyudi, A. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.). Jakarta: Badan Litbang Pertanian, 2012: p. 16-20, 3 ill., 2 tables; 15 ref. 665.52/.54/BAD/b

CYMBOPOGON; ANDROPOGON NARDUS; CATTLE; INTEGRATION; FARMING SYSTEMS; ESSENTIAL OILS; YIELDS; AGROPASTORAL SYSTEMS; LIVESTOCK; AGRICULTURAL WASTES; FEEDS; PROXIMATE COMPOSITION; HARVESTING.

642 TADJO, M. Analisis fungsi produksi gula aren di Desa Pujananting Kecamatan Pujananting Kabupaten Barru. *Analysis of palm sugar production function at Desa Pujananting, Kecamatan Pujananting Kabupaten Barru, South Sulawesi* / Tadjo, M. (Sekolah Tinggi IImu Ekonomi dan Manajemen Bongaya, Makassar). Jurnal Industri Hasil Perkebunan. ISSN 1979-0023 (2008) v. 3(2) p. 42-47, 2 tables; 15 ref.

SUGAR; PRODUCTION; PRODUCTION FACTORS; STATISTICAL METHODS; SULAWESI.

643 TOWAHA, J. Diversifikasi produk lada hijau kering untuk meningkatkan pendapatan Petani. [*Product diversification dry pepper green farmers to increase revenue*] / Towaha, J. (Balai Penelitian Tanaman Industri dan Penyegar, Parungkuda). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2010) v. 16(1) p. 29-31.

DEHYDRATED; SWEET PEPPERS; FLAVOUR; SPICES; PROCESSING; TECHNOLOGY; PRODUCTION ECONOMICS; QUALITY.

E21 AGRO-INDUSTRI / AGRO-INDUSTRY

644 AMMATILLAH, C.S. Prospek ekonomi ganyong (*Canna edulis* KERR) sebagai sumber pangan dan bahan bakar nabati. [*Economic prospects of canna edulis as a source of food and biofuels*] / Ammatillah, C.S.; Hasibuan, A.M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Parungkuda, Sukabumi). Bunga rampai tanaman industri potensial penghasil biodiesel dan bioetanol / Haadad E.A., M.; Wardiana, E.; Daras, U.; Syafaruddin; Udarno, L.; Supriadi, H.; Rivai, A.M. (eds.). Parungkuda, Sukabumi: Balittri, 2009: p. 109-113, 1 table; 9 ref.
633.9/BAL/b

CANNA EDULIS; FOODS; DIVERSIFICATION; BIOFUELS; ENERGY; PRODUCT DEVELOPMENT; ECONOMIC DEVELOPMENT.

645 INDRANINGSIH, K.S. Subterminal agribisnis penggerak perekonomian petani Bali. [*Agribusiness as economic driving for Bali farmers*] / Indraningsih, K.S.; Ashari (Pusat Analisis Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2006) v. 28(5) p. 15-16, 1 table.

BALI; AGROINDUSTRIAL SECTOR; ECONOMIC GROWTH; FARMERS.

646 SUDARYONO. Kontribusi ilmu tanah dalam mendorong pengembangan agribisnis kacang tanah di Indonesia. [*Contribution of soil science in enhancing development of groundnut agribusiness in Indonesia*] / Sudaryono (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang). Pengembangan Inovasi Pertanian. ISSN 1979-5378 (2009) v. 2(4) p. 258-282, 2 ill., Bibliography: p. 278-282.

GROUNDNUTS; AGROINDUSTRIAL SECTOR; SOIL SCIENCES; LAND RESOURCES; LUVISOLS; CULTURAL METHODS; SOIL WATER POTENTIAL; ALTERNATIVE AGRICULTURE; INNOVATION ADOPTION; SUSTAINABILITY; INDONESIA.

647 SUMARNO. Triangel teknologi mendukung terbangunnya pertanian industrial. [*Triangel technology supporting industrial agricultural development*] / Sumarno (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Prosiding seminar nasional tanaman pangan: Inovasi teknologi berbasis ketahanan pangan berkelanjutan. Buku I, Bogor, 14 Aug 2009 / Hermanto; Sunihardi (eds.). Bogor: Puslitbangtan, 2010: p. 23-36, 2 ill., 7 ref.
633.1/4-115.2/SEM/p

INTENSIVE FARMING; FARM MANAGEMENT; APPROPRIATE TECHNOLOGY; QUALITY; INTEGRATION; SCIENTISTS; FARMERS; EXTENSION ACTIVITIES; TECHNOLOGY TRANSFER.

648 SUPRIATNA, A. Prospek pengembangan model industri perbenihan padi rakyat dari sisi kelayakan usaha: kasus pada perbenihan padi di Nusa Tenggara Barat. *Development prospect of the farming feasibility of rice seed industry model: a case of rice seed in West Nusa Tenggara* / Supriatna, A.; Dhalimi, A. (Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian, Bogor). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian. ISSN 1410-959X (2010) v. 13(1) p. 29-40, 8 tables; 12 ref.

RICE; SEED PRODUCTION; FEASIBILITY STUDIES; COST BENEFIT ANALYSIS; QUALITY; NUSA TENGGARA

649 WAHYUDI, A. Prospek pengembangan industri minyak nilam di Indonesia. *Prospect for developing Patchouli oil industry in*

Indonesia / Wahyudi, A.; Ermiati (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.). Jakarta: Badan Litbang Pertanian, 2012: p. 1-6, 3 tables; 15 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; ESSENTIAL OIL CROPS; AGRICULTURAL DEVELOPMENT; EXPORTS; HIGH YIELDING VARIETIES; LIPID CONTENT; DISEASE RESISTANCE; PEST RESISTANCE; COST ANALYSIS; FEASIBILITY STUDIES; PRICES.

650 YULISMULIANTI. Penentuan prioritas wilayah pengembangan industri pengolahan kakao dan cokelat (IPKC) di Sulawesi Selatan berdasarkan metode AHP. *Determination of development region priority for cocoa and chocolate processing industry in South Sulawesi based on AHP method* / Yulismulianti (Balai Besar Industri Hasil Perkebunan, Makassar); Roy, C. Jurnal Industri Hasil Perkebunan. ISSN 1979-0023 (2008) v. 3(2) p. 55-60, 3 tables; 15 ref.

COCOA BEANS; CHOCOLATE; COCOA INDUSTRY; INDUSTRIAL DEVELOPMENT; DATA ANALYSIS; SULAWESI.

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

651 ADIYOGA, A. *Market segments and perceptual mapping of product attributes of some minor vegetables* / Adiyoga, A.; Ameriana, M.; Soetiarso, T.A. (Balai Penelitian Tanaman Sayuran, Lembang - Bandung). Indonesian Journal of Agriculture. ISSN 1979-4673 (2010) v. 3(2) p. 95-103, 1 ill., 10 tables; 20 ref.

MARKET SEGMENTATION; LIMA BEANS; PHASEOLUS LUNATUS; MINORITY GROUPS; PSOPHOCARPUS TETRAGONOLOBUS; SECHIUM EDULE; NUTRITIVE VALUE; KEEPING QUALITY; FOOD SUPPLY; PRICES; CONSUMER BEHAVIOUR.

652 BASUKI, R.S. Sistem pengadaan dan distribusi benih bawang merah pada tingkat petani di Kabupaten Brebes. *Procurement and distribution system of shallots seed at farmer level at Brebes District* / Basuki, R.S. (Balai Penelitian Tanaman Sayuran, Lembang). Jurnal Hortikultura. ISSN 0853-7097 (2010) v. 20(2) p. 186-195, 8 tables; 24 ref.

ALLIUM ASCALONICUM; SEED; ECONOMIC DISTRIBUTION; FARMERS.

653 SWASTIKA, D.K.S. Analisis senjang penawaran dan permintaan jagung pakan dengan pendekatan sinkronisasi sentra produksi, pabrik pakan, dan populasi ternak di Indonesi. *Gap analysis of supply and demand of corn forage production approach sync center, feed plant, animal and population in Indonesia* / Swastika, D.K.S.; Agustian, A. (Pusat Sosial Ekonomi dan Kebijakan Pertanian, Bogor); Sudaryanto, T. Informatika Pertanian. ISSN 0852-1743 (2011) v. 20(2) p. 65-75, 2 ill., 14 tables; 26 ref.

MAIZE; FEEDS; SUPPLY BALANCE; ANIMAL POPULATION; FORAGE; PRODUCTION.

654 TAHIR, A.G. Metode analisis efisiensi pemasaran kedelai di Sulawesi selatan. *Efficiency analysis of soybean marketing in South Sulawesi* / Tahir, A.G. (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar); Darwanto, D.H.; Mulyo, J.H.; Jamhari. Informatika Pertanian. ISSN 0852-1743 (2011) v. 20(2) p. 47-57, 8 tables; 11 ref. Appendices.

SOYBEANS; MARKETING; MARKETING CHANNELS; MARKETING MARGINS; PRODUCTION; SULAWESI.

F01 BUDI DAYA TANAMAN / CROP HUSBANDRY

655 DIREKTORAT BUDIDAYA ANEKA KACANG DAN UMBI. Pengembangan budidaya ubikayu tahun 2012 / Jakarta: Direktorat Budidaya Aneka Kacang dan Umbi, 2012.

MANIHOT ESCULENTA; ARACHIS HYPOGAEA; CULTIVATION; MONOCULTURE; INTERCROPPING; FERTILIZER APPLICATION;

PRODUCTIVITY; HIGH YIELDING VARIETIES.

656 JUMAKIR. Kajian teknologi budi daya dan kelayakan ekonomi usaha tani kedelai dengan pendekatan pengelolaan tanaman terpadu di lahan pasang surut Jambi. *Assesement of cultivation technology and economic feasibility of soybean farming system with integrated crop management approach in tidal land at Jambi Province* / Jumakir (Balai Pengkajian Teknologi Pertanian Jambi, Palembang); Taufiq, A. Jurnal Pengkajian dan Pengembangan Teknologi Pertanian. ISSN 1410-959X (2010) v. 13(1) p. 1-10, 5 tables; 15 ref.

GLYCINE MAX; CULTIVATION; CROP MANAGEMENT; COST BENEFIT ANALYSIS; PRODUCTION; PRICES.

657 MAKARIM, A.K. *Yield responses of two rice varieties to agronomic treatment* / Makarim, A.K. (Balai Besar Penelitian Tanaman Padi, Sukamandi); Ikhwani. Indonesian Journal of Agriculture. ISSN 1979-4673 (2010) v. 3(2) p. 81-86, 2 ill., 5 tables; 10 ref.

ORYZA SATIVA; RICE; VARIETIES; SPACING; NITROGEN FERTILIZERS; FERTILIZER APPLICATION; GRAIN; YIELDS; YIELD COMPONENTS; DOSAGE EFFECTS.

658 MURDOLELONO, B. Adopsi inovasi teknologi kedelai dan kacang hijau setelah padi pada agroekosistem sawah di kawasan Mautenda, Kabupaten Ende, NTT. [*Technology innovation adoption of soybean and mungbean planted after rice in rice field agroecosystems in Mautenda, Ende, East Nusa Tenggara*] / Murdolelono, B.; Da Silva, H.; Triastono, J. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 Jun 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor: Puslitbangtan, 2011: p. 502-511, 3 ill., 5 tables; 7 ref.
633.34/.4-115.2/SEM/i

GLYCINE MAX; VIGNA RADIATA RADIATA; CULTIVATION; CULTURAL METHODS; SPACING; SOWING; INNOVATION ADOPTION; PARTNERSHIPS; AGROECOSYSTEMS; NUSA TENGGARA.

659 RANDRIANI, E. Keragaan pohon cengkeh terpilih tipe zanzibar dan Siputih Palabuhan Ratu. [*Performace of selected cloves trees of zanzibar and siputih type in Palabuhan Ratu*] / Randriani, E.; Syafaruddin (Balai Penelitian Tanaman Rempah dan Aneka tanaman Industri, Parung Kuda Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2011) v. 2(3) p. 405-410, 4 tables; 5 ref.

SYZYGIUM AROMATICUM; VARIETIES; CROP PERFORMANCE; JAVA.

660 RUSKANDAR, A. Keragaan budi daya padi ditingkat petani SLPTT dan non SLPTT pada lahan sawah irigasi. [*Performance of rice cultivation at farmers level in irrigated lowland*] / Ruskandar, A.; Jumali; Trini, S.K.; Wardana, I.P.; Rustiati, T. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 54-62, 8 tables; 11 ref.
631.152:338.43/SEM/p

ORYZA SATIVA; CULTIVATION; ORGANIC FERTILIZER; TRANSPLANTING; SEED CERTIFICATION; FARMERS ASSOCIATIONS; SOCIAL BEHAVIOUR; PARTICIPATION; INTEGRATED PLANT PRODUCTION; TECHNOLOGY TRANSFER; IRRIGATED LAND.

661 SAEFUDIN. Pendirian kebun entres jambu mete sebagai upaya untuk mendukung penyediaan benih unggul bermutu. [*Establishment entres garden cashew nut as efforts to support the provision of superior quality seeds*] / Saefudin (Balai Penelitian Tanaman Industri dan Penyegar, Parungkuda). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2010) v. 16(1) p. 15-17, 1 ill., 2 tables.

ANACARDIUM OCCIDENTALE; HIGH

YIELDING VARIETIES; VEGETATIVE PROPAGATION; GRAFTING; CULTIVATION.

662 SANTOSO, B.B. Pola peningkatan hasil tanaman jarak pagar (*Jatropha curcas* L.) ekotipe Lombok Barat selama empat tahun siklus produksi. *Pattern on the yield improvement of Jatropha curcas L. West Lombok ecotype during four years production cycle* / Santoso, B.B. (Universitas Mataram. Fakultas Pertanian); Hariyadi; Purwoko, B.S. Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 137-143, 7 tables; 27 ref.

JATROPHA CURCAS; YIELD INCREASES; YIELD COMPONENTS; YIELDS; SEEDS; LIPID CONTENT; DRY FARMING.

663 SASMITA, K.D. Budi daya tanaman ganyong (*Canna edulis* KERR.). [*Plant cultivation of canna edulis*] / Sasmita, K.D.; Taher, S. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Parungkuda, Sukabumi). Bunga rampai tanaman industri potensial penghasil biodiesel dan bioetanol / Haadad E.A., M.; Wardiana, E.; Daras, U.; Syafaruddin; Udarno, L.; Supriadi, H.; Rivai, A.M. (eds.). Parungkuda, Sukabumi: Balittri, 2009: p. 97-100, 5 ref.
633.9/BAL/b

CANNA EDULIS; CULTIVATION; PLANTING; MAINTENANCE; FERTILIZATION; PEST CONTROL; POSTHARVEST TECHNOLOGY.

664 SULYO, Y. Penyiapan sarana dan prasarana produksi. [*Production process of chrysanthemum*] / Sulyo, Y.; Budiarto, K.. Teknologi produksi krisan (*Dendranthema grandiflora* [Ramat] Kitam) / Marwoto, B.; Suhardi; Sulyo, Y.; Effendie, K.; Hilman, Y. (eds.). Pacet, Cianjur: Balithi, 2006: p. 14-18. Monograf Balithi (no. 09), 4 ill.
635.966/BAL/t

DENRANTHEMA MORIFOLIUM; GROWING MEDIA; CUTTING; TISSUE CULTURE; PLANTING; FERTILIZER APPLICATION; PRUNING.

665 SUMARTINI, S. Skrining genotipe kapas (*Gossypium sp*.) umur genjah berdaya hasil tinggi. *Screening of early maturing high yielding cotton (Gossypium sp.) genotypes* / Sumartini, S.; Indrayani, I G.A.A; Abdurrakhman (Balai Penelitian Tanaman Tembakau dan Serat, Malang). Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2010) v. 16(1) p. 27-36, 7 tables; 20 ref.

GOSSYPIUM; GENOTYPES; VARIETIES; SPACING; FERTILIZERS; UREA; MATURATION; FIBRES; QUALITY.

666 SYUKUR, C. Evaluasi daya hasil dan mutu aksesi tanaman seraiwangi. *Evaluation of yield and quality of Java citronella grass accessions* / Syukur, C. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.). Jakarta: Badan Litbang Pertanian, 2012: p. 38-43, 1 ill., 3 tables; 9 ref.
665.52/.54/BAD/b

CYMBOPOGON; GROWTH; EVALUATION; QUALITY; AGRONOMIC CHARACTERS; LIPID CONTENT; MOISTURE CONTENT; YIELD COMPONENTS.

667 TRIATMININGSIH, R. *The effect of root cutting and seedling age on the growth and sex type of papaya*. Pengaruh pemotongan akar dan umur bibit terhadap pertumbuhan dan jenis seks tanaman pepaya / Triatminingsih, R. (Balai Penelitian Tanaman Buah Tropika, Solok). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(1) p. 28-34, 6 tables; 13 ref.

CARICA PAPAYA; ROOT TREATMENT; SEEDLINGS; GROWTH; CHROMOSOMES; SEX.

668 YUDIWANTI. Potensi beberapa varietas jagung untuk dikembangkan sebagai varietas jagung semi. *The potential of some maize varieties to be developed as baby corn varieties* / Yudiwanti; Sepriliyana, W.R. (Institut Pertanian Bogor, Fakultas Pertanian). Budiarti, S.G. Jurnal Hortikultura. ISSN 0853-7097 (2010) v. 20(2) p. 157-163, 1 ill., 3 tables; 14 ref.

ZEA MAYS; VARIETIES; PRODUCTIVITY; RESEARCH.

669 YUSRON, M. Teknologi budidaya tanaman obat rimpang di lahan pasang surut dan peluang pengembangannya. *Zingiberaceae cultivation technology at tidal swamp*
/ Yusron, M. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(1) p. 1-6, 24 ref.

ZINGIBERACEAE; DRUG PLANTS; CULTIVATION; FLOODED LAND; LAND CLASIFICATION; SOIL CHEMICOPHYSICAL PROPERTIES; CLIMATE; TUBERS; SELENIUM; USES; QUALITY; LAND SUITABILITY; DRAINAGE; SWAMP SOILS.

F02 PERBANYAKAN TANAMAN / PLANT PROPAGATION

670 BUDIARTO, K. *Mother plant productivity and cutting quality of Chrysanthemum varieties grown under plastichouse and open conditions* / Budiarto, K.; Marwoto, B. (Balai Penelitian Tanaman Hias, Cianjur). Indonesian Journal of Agriculture. ISSN 1979-4673 2009 v. 2(2) p. 115-120, 3 tables; 16 ref.

CHRYSANTHEMUM; VARIETIES; MOTHER PLANTS; PRUNING; QUALITY; PRODUCTIVITY; UNDERSOWING; PLASTICS; BUILDINGS; ENVIRONMENTAL FACTORS.

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

ALLIUM SATIVUM; IN VITRO CULTURE; CALLUS; IN VITRO REGENERATION; SETS.

672 IBRAHIM, M.S.D. Pengaruh umur eksplan terhadap keberhasilan pembentukan kalus embriogenik pada kultur meristem jahe (*Zingiber officinale Rosc*). *Effect of explants age the success of embryogenic calli formation in meristem culture of ginger* (*Zingiber officinale Rosc*.) / Ibrahim, M.S.D. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Bogor); Rostiana, O.; Khumaida, N. Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2010) v. 16(1) p. 37-42, 9 ill., 23 ref.

ZINGIBER OFFICINALE; PLANT PROPAGATION; TISSUE CULTURE; EXPLANTS; CALLUS; MERISTEM CULTURE; SOMATIC EMBRYOGENESIS.

673 PANCANINGTYAS, S. Keefektifan penambahan kalsium klorida untuk mengurangi nekrosis pada perbanyakan kakao (*Theobroma cacao* L.) secara in vitro. *Effectiveness of calcium chloride in reduction of shoot necrosis on cocoa (Theobroma cacao L.) in vitro propagation* / Pancaningtyas, S. (Pusat Penelitian Kopi dan Kakao Indonesia, Jember). Pelita Perkebunan ISSN 0215-0212 (2012) v. 28(1) p. 23-31, 2 ill., 2 tables; 24 ref.

THEOBROMA CACAO; NECROSIS; CALCIUM CHLORIDE; SOMATIC EMBRYOGENESIS; PLANT EMBRYOS; PLANTING EQUIPMENT; IN VITRO; VITROPLANTS; PLANT PROPAGATION.

F03 PRODUKSI DAN PERLAKUAN BENIH / SEED PRODUCTION AND PROCESSING

674 HIDAYAT, N. Kajian sistem penyediaan benih padi unggul berkelanjutan untuk mendukung peningkatan produksi padi di Provinsi Daerah Istimewa Yogyakarta. [*Assessment of sustainable seed supply of rice high yielding varietiesto to support production increase in Yogyakarta Province*] / Hidayat, N.; Setyono, B.; Siswanto, T.(Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding seminar nasional pengkajian dan diseminasi inovasi pertanian mendukung program strategis Kementerian Pertanian. Buku 3 / Hendayana, R.; Arifin, M.; Bustaman, S.; Arsyad, D.M.; Jamal, E.; Djauhari, A.; Mardiharini, M.; Arsanti, I.W. (eds.) . Bogor : BBP2TP, 2011: p. 1202-1208, 5 tables; 8 ref.
631.15/.17/SEM/p bk3

ORYZA SATIVA; SEED PRODUCTION; PRODUCTION INCREASE; HIGH YIELDING VARIETIES; FARMERS; YIELD COMPONENTS; COST BENEFIT ANALYSIS; JAVA.

675 MELATI. Penangkaran benih nilam di sentra produksi. *Development patchouli seeds grower in the central production area* / Melati; Sukarman (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.) . Jakarta : Badan Litbang Pertanian, 2012: p. 51-56, 4 tables; 20 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; SEED PRODUCTION; ECONOMIC DISTRIBUTION; FARMING SYSTEMS; COST BENEFIT ANALYSIS; FEASIBILITY STUDIES; SEED; QUALITY; QUALITY CONTROL; SEED CERTIFICATION.

676 PANGESTUTI, R. Potensi penggunaan *True seed shallot* (TSS) sebagai sumber benih bawang merah di Indonesia. [*Potential of true seed shallot (TSS) application as shallot seed source in Indonesia*] / Pangestuti, R. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran); Sulistyaningsih, E.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I.W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 258-266, 1 ill., 1 table; 37 ref.
631.152:338.43/SEM/p

ALLIUM ASCALONICUM; SEED; PRODUCTION POSSIBILITIES; INBREEDING; HAPLOIDY; VIRUSFREE PLANTS; PRODUCTIVITY; PROVENANCE; INDONESIA.

677 SUDJARMOKO, B. Harapan membangun gambir Indonesia melalui benih unggul. [*Indonesia hopes to build gambier through improved seed high yield*] / Sudjarmoko, B. (Balai Penelitian Tanaman Industri dan Penyegar, Parungkuda). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2010) v. 16(1) p. 27-29

UNCARIA GAMBIR; HIGH YIELDING VARIETIES; PLANT PRODUCTION; FARM INCOME.

678 SUKARMAN. Revitalisasi perbenihan menunjang pengembangan tanaman nilam. *Revitalization of seed production to support the develoment of patchouli plantation* / Sukarman; Melati (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.) . Jakarta : Badan Litbang Pertanian, 2012: p. 44-50, 2 ill., 3 tables; 14 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; SEED PRODUCTION; SEED; QUALITY; CULTIVATION; FERTILIZERS; APPLICATION RATES; MULCHES; DISEASE CONTROL; PEST CONTROL.

679 YUNIZAR. Kajian teknologi perbanyakan benih unggul padi sawah spesifik lokasi di Kabupaten Siak Propinsi Riau. [*Assessment of propagation technology of superior irrigated rice seed spesicif location in Siak, Riau*] / Yunizar; Jakoni; Fujiman (Balai Pengkajian Teknologi Pertanian Riau, Pekanbaru). Prosiding seminar nasional pengkajian dan diseminasi inovasi pertanian mendukung program strategis Kementerian Pertanian. Buku 3 / Hendayana, R.; Arifin, M.; Bustaman, S.; Arsyad, D.M.; Jamal, E.; Djauhari, A.; Mardiharini, M.; Arsanti, I.W. (eds.) . Bogor : BBP2TP, 2011: p. 1197-1201, 3 ill., 5 ref.
631.15/.17/SEM/p bk3

ORYZA SATAIVA; IRRIGATED RICE; PLANT PROPAGATION; FARMING SYSTEMS; AGRONOMIC CHARACTERS; YIELD COMPONENTS; COST BENEFIT ANALYSIS; SUMATRA.

F04 PEMUPUKAN / FERTILIZING

680 ADIJAYA, I N. Penggunaan media tumbuh dan pupuk kandang sapi cair pada pembibitan markisa (*Pasiflora quadrangularis*). [*Application of growing media and liquid farmyard manure in Passiflora quadrangularis seedlings*] / Adijaya, IN. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar); Astawa, I M.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 /

Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor : BBP2TP, 2011: p. 302-308 , 3 tables; 9 ref.
631.152:338.43/SEM/p

PASSIFLORA QUADRANGULARIS; GROWING MEDIA; FARMYARD MANURE; LIQUID MANURES; FERTILIZER APPLICATION; DOSAGE EFFECTS; GROWTH; SEEDLINGS; NUTRIENT UPTAKE.

81 DIREKTORAT JENDERAL PRASARANA DAN SARANA PERTANIAN, JAKARTA. Kompos untuk mengembalikan kesuburan tanah. Jakarta: Dirjen PSP, 2013.

COMPOSTS; SOIL FERTILITY; PROCESSING.

682 ELIZABETH, R. Efektivitas pemanfaatan biogas sebagai sumber bahan bakar dalam mengatasi biaya ekonomi rumah tangga di perdesaan. *Biogas utilization effectiveness to lessen rural households expediture* / Elizabeth, R. (Pusat Sosial Ekonomi dan Kebijakan Pertaniani, Bogor) ; Rusdiana, S.. Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor , 25 Nov 2010 / Hutabarat, B.; Rusastra, IW.; Jamal, E. (eds.). Bogor: PSEKP, 2011: p. 220-234, 3 tables; 18 ref.
63.001.6/SEM/p

BIOGAS; AGRICULTURAL WASTES; ORGANIC FERTILIZERS; PROCESSING; COST BENEFIT ANALYSIS; HOUSEHOLDS; SUSTAINABILITY.

683 ERAWATI, B.T.R. Respon akar tanaman jagung terhadap pemberian pupuk kandang pada kondisi cekaman kekeringan. [*Response of maize roots to farmyard manure application at drought stress condition*] / Erawati, B.T.R.; Hipi, A.; Sudarto (Balai Pengkajian Teknologi Pertanian Nusa Tengggara Barat, Mataram); Tohan. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 206-211 , 4 tables; 6 ref.
631.152:338.43/SEM/p

ZEA MAYS; FARMYARD MANURE; FERTILIZER APPLICATION; DROUGHT STRESS; SOIL WATER CONTENT; ROOTS; WATER POTENTIAL; PLANT RESPONSE.

684 GAFUR, S. Pengaruh pemupukan terhadap hasil dua varietas jagung di dataran medium Kabupaten Sigi. [*Effect of fertilizers on the yield of two maize varieties in medium land at Sigi Regency*] / Gafur, S.; Saidah; Nonci, N. (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Palu). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 173-176 , 2 tables; 12 ref.
631.152:338.43/SEM/p

ZEA MAYS; VARIETIES; OPEN POLLINATION; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; FERTILIZER APPLICATION; APPLICATION RATES; ADAPTABILITY; PRODUCTION INCREASE; DRY FARMING; SULAWESI.

685 HANDAYANI, F. Respon dua varietas kedelai terhadap penambahan beberapa jenis bahan organik. [*Response of two soybean varieties to organic matter application*] / Handayani, F.; Nurbani (Balai Pengkajian Teknologi Pertanian Kalimantan Timur, Samarinda); Mastur. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 216-221 , 2 tables; 9 ref.
631.152:338.43/SEM/p

GLYCINE MAX; VARIETIES; ORGANIC FERTILIZERS; FARMYARD MANURE; FERTILIZER APPLICATION; APPLICATION RATES; PLANT RESPONSE; YIELDS.

686 MULYADI. Kajian penggunaan dosis pupuk anorganik dan organik pada budi daya di lahan sawah musim kemarau. [*Assessment of inorganic and organic fertilizer dosages application on maize cultivation in lowland at dry season*] / Mulyadi; Sarjiman (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 184-190 , 1 ill., 3 tables; 17 ref.
631.152:338.43/SEM/p

ZEA MAYS; CULTIVATION; INORGANIC FERTILIZERS; ORGANIC FERTILIZERS; FERTILIZER APPLICATION; DOSAGE EFFECTS; TILLAGE; IRRIGATION METHODS; IRRIGATED LAND; DRY SEASON; YIELDS.

687 MULYADI. Optimalisasi pemupukan jagung pada lahan sawah musim kemarau dengan hemat air dan tanpa olah tanah. [*Optimization of maize fertilizer in lowland at dry season with water use efficiency and zero tillage*] / Mulyadi; Sarjiman (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 177-183, 2 ill., 2 tables; 16 ref.
631.152:338.43/SEM/p

ZEA MAYS; NPK FERTILIZERS; SULPHUR FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; ZERO TILLAGE; WATER USE; IRRIGATION METHODS; IRRIGATED LAND; DRY SEASON.

688 PRAMONO, J. Peranan pupuk kimia pada usaha tani padi sawah dan upaya mengeliminir dampak negatifnya. [*Role of chemical fertilizers in irrigated rice farming systems and decreasing its negative impact*] / Pramono, J.; Samijan (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran); Jatmiko, S.Y.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 121-126, 15 ref.
631.152:338.43/SEM/p

IRRIGATED RICE; NPK FERTILIZERS; PLANT NUTRITION; FERTILIZER APPLICATION; NUTRIENT UPTAKE; ENVIRONMENTAL IMPACT; EFFICIENCY.

689 PRAMONO, J. Potensi pemanfaatan nitrat inhibitor alami untuk meningkatkan efisiensi pemupukan nitrogen. [*Potential of natural inhibitor nitrate used for improving nitrogen fertilizer efficiency*] / Pramono, J. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran); Prajitno, D.; Tohari; Shiddieq, D.; Jatmiko, S.Y.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 141-148 , 2 ill., 2 tables; 37 ref.
631.152:338.43/SEM/p

IRRIGATED RICE; NITRATE REDUCTASE INHIBITORS; NITROGEN FERTILIZERS; EFFICIENCY; NITRIFICATION; FERTILIZER APPLICATION; APPLICATION METHODS; SLOW RELEASE FERTILIZERS.

690 PRATOMO, A.G. Pengaruh penggunaan pupuk *Oxyfertil* MAG 37 terhadap pertumbuhan dan produksi bawang merah. [*Effect of oxyfertil MAG 37 fertilizer application on the growth and production of shallot*] / Pratomo, A.G.; Sugiono (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 267-271 , 6 tables; 8 ref.
631.152:338.43/SEM/p

ALLIUM ASCALONICUM; FERTILIZER APPLICATION; DOSAGE EFFECTS; DOLOMITE; APPLICATION RATES; GROWTH; PRODUCTION; YIELD COMPONENTS.

691 PURWANINGRAHAYU, R.D. Penggunaan pupuk organik dan pupuk NPK pada kacang tanah di lahan kering. [*Application of organic and NPK fertilizers on groundnut in dry land*] / Purwaningrahayu, R.D. (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 476-485 , 8 tables; 12 ref.
633.34/.4-115.2/SEM/i

ARACHIS HYPOGAEA; FARMYARD MANURE; NPK FERTILIZERS; COMPOUND FERTILIZERS; FERTILIZER APPLICATION; DOSAGE EFFECTS; SOIL CHEMICOPHYSICAL PROPERTIES; YIELD INCREASES; DRY FARMING.

692 RAHARDJO, Y.P. Rekomendasi pemupukan jagung dan padi sawah di kota Palu menggunakan PUTS. [*Recommendation of maize and irrigated rice fertilization in Palu by using PUTS*] / Rahardjo, Y.P.; Saidah (Balai Pengkajian Teknologi Pertanian Sulawesi Tengah, Palu). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p.104-109 , 2 ill., 8 tables; 4 ref.
631.152:338.43/SEM/p

ZEA MAYS; IRRIGATED RICE; NPK FERTILIZERS; COMPOUND FERTILIZERS; FERTILIZER APPLICATION; DOSAGE; SOIL FERTILITY; NUTRITIONAL REQUIREMENTS; SULAWESI.

693 RUSLI. *Role of mycorrhiza, zeolite, and organic manure in maintain growth of two pepper varieties under water stress conditions.* Peranan mikoriza, zeolit, dan pupuk organik dalam mempertahankan pertumbuhan dua varietas lada pada kondisi cekaman air / Rusli; Wardiana, E. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri =Bulletin of Research on Spice and Industrial Crops. ISSN 2085-1685 (2010) v. 1(6) p. 309-318, 13 tables; 17 ref.

PIPER NIGRUM; MYCORRHIZAE; ZEOLITES; FARMYARD MANURE; SOIL WATER CONTENT; DROUGHT RESISTANCE; GROWTH; ABA; PROLINE; ORGANIC FERTILIZERS.

694 SAMIJAN. Uji efektivitas pupuk organik "Meganic super" terhadap pertumbuhan dan produksi padi sawah. [*Effectivity test of organic "meganic super" fertilizer on the growth and yield of irrigated rice*] / Samijan; Prastuti, T.R.; Rifa'i, A. (Balai Pengkajian dan Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p.149-155 , 6 tables; 6 ref.
631.152:338.43/SEM/p

IRRIGATED RICE; ORGANIC FERTILIZER; NPK FERTILIZERS; COMPOUND FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; GROWTH; AGRONOMIC CHARACTERS; YIELD INCREASES; PROFITABILITY.

695 SANTOSA, E. [Aplikasi nitrogen dan kalium terhadap pertumbuhan *Amorphophallus muelleri Blume*.]. *Nitrogen and potassium applications on the growth of Amorphophallus muelleri Blume* / Santosa, E. (Institut Pertanian Bogor . Fakultas Pertanian); Setiasih, I.; Mine, Y.; Sugiyama, N.. Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 124-130, 6 tables; 21 ref.

AMORPHOPHALLUS; NITROGEN FERTILIZERS; POTASH FERTILIZERS; DOSAGE; APPLICATION RATES; GROWTH.

696 SARJIMAN. Efisiensi pemupukan bawang merah pada pergiliran tanam di luar

musim. [*Fertilization efficiency of shallot in outseason rotational cropping*] / Sarjiman; Bekti, U.B. (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 281-288, 9 tables; 5 ref.
631.152:338.43/SEM/p

ALLIUM ASCALONICUM; INTRODUCED VARIETIES; NPK FERTILIZERS; FARMYARD MANURE; FERTILIZER APPLICATION; APPLICATION RATES; GROWTH; CROP ROTATION; AGRONOMIC CHARACTERS; OFF SEASON CULTIVATION.

697 SUBHAN. *Respon of tomato plant to compound fertilizer NPK 15-15-15 in dry season*. Respon tanaman tomat terhadap penggunaan pupuk majemuk NPK 15-15-15 pada tanag latosol pada musin kemarau / Subhan; Nurtika, N.; Gunadi, N. Balai Penelitian Tanaman Sayuran, Lembang, Bandung). Jurnal Hortikultura. ISSN 0853-7097 (2009) v. 19(1) p. 40-48., 7 tables;. 15 ref.

LYCOPERSICON ESCULENTUM; COMPOUND FERTILIZERS; NPK FERTILIZERS; FERRALSOLS; DRY SEASON.

698 SUBIKSA, I.G.M. Pugam: pupuk rendah emisi GRK untuk lahan gambut. [*Pugam: low greenhouse gas emission fertilizer for peat lands*] / Subiksa, I.G.M. (Balai Penelitian Tanah, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 2012 v. 34(2) p. 3-5 , 6 ill.

FOOD CROPS; HORTICULTURE; ELAEIS GUINEENSIS; PEAT SOILS; FERTILIZERS; TECHNOLOGY; LAND PRODUCTIVITY; LAND MANAGEMENT; POLLUTION; EMISSION; INNOVATION; TECHNOLOGY TRANSFER.

699 SUSANTI, H. [Pengaruh berbagai dosis pupuk nitrogen + kalium dan interval panen terhadap produksi protein dan antosianin pucuk kolesom (*Talinum triangulare (Jacq.) Willd*). *Protein and anthocyanin production of water leaf shoots (Talinum triangulare (Jacq.) Willd) at different levels of nitrogen+potassium and harvest intervals* / Susanti, H. (Institut Pertanian Bogor . Fakultas Pertanian); Aziz, S.A.; Melati, M.; Susanto, S.. Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 119-123, 4 tables; 24 ref.

DRUG PLANTS; NITROGEN FERTILIZERS; POTASH FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; HARVESTING FREQUENCY; PROTEIN CONTENT; ANTHOCYANINS.

700 SUWONO. Kombinasi pupuk organik granul dan anorganik (N, P, K) terhadap peningkatan hasil dan pendapatan petani padi sawah. [*Combination of granular organic and inorganic fertilizers (N, P and K) on the yield and farm income increase of irrigated rice*] / Suwono; Saeri, M. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 127-134, 2 ill.,8 tables; 10 ref.
631.152:338.43/SEM/p

IRRIGATED RICE; ORGANIC FERTILIZERS; GRANULES; INORGANIC FERTILIZERS; NPK FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; YIELD INCREASES; FARM INCOME.

701 SYAMSUDDIN. Pendugaan kesuburan tanah Regosol Bantul dengan berbagai kombinasi pemupukan N,P, dan K pada tanaman jagung manis. [*Estimation of Bantul Regosol soil fertility with several N, P and K fertilizers combination on sweet corn*] / Syamsuddin (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono,

J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 289-294 , 6 tables; 13 ref.
631.152:338.43/SEM/p

SWEET CORN; NPK FERTILIZERS; COMPOUND FERTILIZERS; FERTILIZER APPLICATION; APPLICATION RATES; SOIL FERTILITY; LEAF AREA INDEX; REGOSOLS; YIELDS.

F08 POLA TANAM DAN SISTEM PERTANAMAN / CROPPING PATTERNS AND SYSTEMS

702 DASWIR. Pola pengembangan tanaman atsiri pada lahan kritis di Sumatra Barat. [*Developing pattern of aromatic plant in marginal land at West Sumatra / Daswir* (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2008) v. 20(1) p. 39-46, 2 ill., 1 table; 16 ref.

ESSENTIAL OIL CROPS; CULTIVATION; LAND MANAGEMENT; ALLEY CROPPING; MARGINAL LAND.

703 HANDAYATI, W. Kajiterap pengelolaan tanaman terpadu untuk meningkatkan mutu dan produksi krisan bunga potong. [*Assessment of integrated plant management technology to increase of chrysanthemum cut flower quality and production*] / Handayati, W.; Sihombing, D.; Fatimah, S. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 324-330 , 3 ill., 2 tables; 7 ref. Appendices
631.152:338.43/SEM/p

CHRYSANTHEMUM; CUT FLOWERS; INTEGRATED PLANT PRODUCTION; CROP MANAGEMENT; TECHNOLOGY TRANSFER; PRODUCTION INCREASE; QUALITY; COST BENEFIT ANALYSIS.

704 HARSONO, A. Pengembangan teknologi produksi kedelai sistem tumpangsari dengan ubikayu, kelapa sawit dan karet. [*Development of soybean production technology intercropped with cassava, oil palms and rubber crops*] / Harsono, A.; Subandi; Kasno, A.; Wijanarko, A.; Rozi, F. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang) . Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 136-148 , 1 ill., 4 tables; 17 ref.
633.34/.4-115.2/SEM/i

GLYCINE MAX; MANIHOT ESCULENTA; ELAEIS GUINEENSIS; HEVEA BRASILIENSIS; INTERCROPPING; PRODUCTION; TECHNOLOGY TRANSFER; YIELD COMPONENTS; DRY FARMING.

705 KARYANINGSIH, S. Peningkatan produktivitas jagung di lahan sawah tadah hujan dengan pendekatan pengelolaan tanaman terpadu (PTT). [*Improving maize productivity in rainfed lowland through integrated plant management approach*] / Karyaningsih, S. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 198-205 , 4 tables; 10 ref.
631.152:338.43/SEM/p

ZEA MAYS; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; INNOVATION; TECHNOLOGY TRANSFER; PRODUCTIVITY; PRODUCTION INCREASE; RAINFED FARMING.

706 OELVIANI, R. Peningkatan produksi jagung putih melalui pendekatan PTT di Kabupaten Magelang. [*Improving white maize production through integrated plant management approach in Magelang Regency*] / Oelviani, R.; Romdon, A.S.; Piay, S.S. (Balai Pengkajian Teknologi Pertanian, Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang,

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631.152:338.43/SEM/p

ZEA MAYS; VARIETIES; OPEN POLLINATION; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; SEED TREATMENT; YIELD INCREASES; YIELDS COMPONENTS.

707 PRAYUDI, B. Peningkatan produktivitas tanaman pangan melalui pendekatan PTT: kasus desa Tarubasan, Kec. Karanganom, Kab. Klaten.. [*Improving food crops productivity through integrated plant management approach: case in Tarubasan Village, Karanganom Subdistrict, Klaten*] / Prayudi, B.; Prasetyo, T.; Subiharta; Yulianto; Paryono, T. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) Bogor : BBP2TP, 2011: p. 89-94 , 6 tables; 10 ref.
631.152:338.43/SEM/p

FOOD CROPS; INTEGRATED PLANT PRODUCTION; CROP MANAGEMENT; VARIETIES; FARMING SYSTEMS; PRODUCTION INCREASE; FARM INCOME; PRODUCTIVITY; JAVA.

708 SETIAPERMAS, M.N. Inovasi teknologi pada perubahan pola tanam untuk antisipasi kekurangan air pada lahan sawah tadah hujan. [*Technology innovation on cropping pattern change to anticipate water deficit in rainfed lowland*] / Setiapermas, M.N.; Suprapto; Sutoyo; Sularno; Muryanto (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 41-48 , 5 ill., 7 tables; 2 ref.
631.152:338.43/SEM/p

CAPSICUM ANNUUM; CULTIVATION; CROP MANAGEMENT; DRY MULCHES; TRICKLE IRRIGATION; INNOVATION; EFFICIENCY; WATER USE; IRRIGATED LAND; RAINFED FARMING.

709 SUHENDRATA, T. Peran varietas padi dan sistem tanaman dalam peningkatan produktivitas dan pendapatan petani pada lahan sawah tadah hujan di Desa Tangggan, Kecamatan Gesi, Kabupaten Sragen. [*Role of rice varieties and planting system in improving productivity and farmers' income on rainfed rice fields in the Tanggan Village, Sragen District*] / Suhendrata, T.; Ngadiman (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 35-40, 1 ill., 4 tables; 3 ref.
631.152:338.43/SEM/p

ORYZA SATIVA; VARIETIES; CROPPING SYSTEMS; INNOVATION; SPACING; PRODUCTIVITY; YIELD INCREASES; FARM INCOME; RAINFED FARMING; JAVA.

710 SUKAMTO. Prospek tanaman nilam penghasil minyak atsiri pengembangannya melalui sistem pola tanam. *Prospects of Patchouli to produce essential oil: development through cropping pattern system* / Sukamto (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(2) p. 48-55, 3 ill., 4 tables; 21 ref.

POGOSTEMON CABLIN; ESSENTIAL OILS; CROP MANAGEMENT; MARKETS; EXPORTS; IMPORTS.

711 TJOKROWARDOJO, A.S. Prospek budidaya tumpangsari tanaman penghasil minyak atsiri berwawasan konservasi. *Prospects of essential oil crops as intercrop plants in conservation farming* / Tjokrowardojo, A.S.; Tombe, M. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.;

Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti (eds.) . Jakarta : Badan Litbang Pertanian, 2012: p. 7-15, 6 ill., 5 tables; 6 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; CANANGA ODORATA; CYMBOPOGON; INTERCROPPING; ESSENTIAL OIL CROPS; ESSENTIAL OILS; CROPPING SYSTEMS; CULTIVATION; MARKETS; LAND SUITABILITY; LAND USE; CLIMATE; ALLEY CROPPING; FARM INCOME.

712 WIDIYANTORO. Pengembangan padi gogo tumpangsari hutan jati muda di Randu Blatung, Blora. *Development of upland rice intercropping with young teak forest industrial crop in Randu Blatung, Blora* [Indonesia] / Widiyantoro; Jumali; Toha, H.M. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor : BBP2TP, 2011: p. 95-103, 1 ill., 5 tables; 20 ref.
631.152:338.43/SEM/p

UPLAND RICE; TECTONA GRANDIS; INTERCROPPING; INTEGRATED PLANT PRODUCTION; FOREST PRODUCT INDUSTRY; ECONOMIC ANALYSIS; YIELDS; PROFITABILITY.

F30 GENETIKA DAN PEMULIAAN TANAMAN / PLANT GENETICS AND BREEDING

713 AJIJAH, N. Plasma nutfah dan pemuliaan iles-iles (*Amorphophallus spp*.). [*Germplasm and breeding of iles-iles (Amorphophallus spp.*)] / Ajijah, N.; Setiyono, R.T. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Parungkuda, Sukabumi). Bunga rampai tanaman industri potensial penghasil biodiesel dan bioetanol / Haadad E.A., M.; Wardiana, E.; Daras, U.; Syafaruddin; Udarno, L.; Supriadi, H.; Rivai, A.M. (eds.) . Parungkuda, Sukabumi : Balittri, 2009: p. 85-92, 5 ill., 1 table; 10 ref.
933.9/BAL/b

AMORPHOPHALLUS; AMORPHOPHALLUS RIVIERI; PLANT BREEDING; GERMPLASM; BIOENERGY.

714 ARIFIN, Z. Identifikasi dan karakterisasi Bentul varietas lokal dayak dan varietas lokal Item di Kabupaten Sampang. [*Identification and characterization of dayak and item local varieties of bentul in Sampang Regency*] / Arifin, Z. ; Istiqomah, N.; Indriana RD; Prahardini, PER (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 677-687 , 6 ill., 4 tables; 4 ref.
633.34/.4-115.2/SEM/i

COLOCASIA ESCULENTA; SPECIES; LAND VARIETIES; PLANT ANATOMY; IDENTIFICATION; AGRONOMIC CHARACTERS; FARMING SYSTEMS; ORGANOLEPTIC PROPERTIES.

715 BALAI BESAR PENELITIAN DAN PENGEMBANGAN BIOTEKNOLOGI DAN SUMBERDAYA GENETIK PERTANIAN. Bersama memacu perbaikan padi hibrida. [*Hybrids rice improvement*]/Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor . Warta Penelitian dan Pengembangan Pertanian 0216-4427 (2006) v. 28(5) p. 8-9, 1 ill.

ORYZA SATIVA; HYBRIDS; HYBRIDIZATION.

716 BASWARSIATI. Penampilan beberapa klon/varietas ubijalar di Kawasan Gunung Kawi di bawah tegakan . *Appearance some sweet potato clones and varieties in the area of Mount Kawi under trees*. / Baswarsiati; Rahmawati, D.; Abu (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang); Jusuf, M. . Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) .

Bogor: Puslitbangtan, 2011: p. 570-577, 6 tables; 9 ref.
633.34/.4-115.2/SEM/i

IPOMOEA BATATAS; CLONES; PROGENY TESTING; CROP PERFORMANCE; HIGH YIELDING VARIETIES; ORGANIC FERTILIZERS; INORGANIC FERTILIZERS; PRODUCTION INCREASE; UNDERGROWTH; JAVA

717 BUDIANI, A. Ekspresi beta-1,3 glukanase dan kitinase pada tanaman kopi arabika (*Coffea arabica* L.) tahan dan rentan karat daun. *Expression of beta-1,3 glucanase and chitinase of arabica coffee (Coffea arabica L.) resistant and susceptible against leaf rust disease* / Budiani, A. (Balai Penelitian Bioteknologi Perkebunan Indonesia, Bogor); Susanti, I.; Mawardi, S.; Santoso, D.A.; Siswanto. Menara Perkebunan. ISSN 0215-9318 (2004) v. 72(2) p. 55-68, 4 ill., 4 tables; 26 ref.

COFFEA ARABICA; GENE EXPRESSION; BETA GLUCANASE; CHITINASE; HEMILEIA VASTATRIX; GENETIC RESISTANCE; DISEASE RESISTANCE.

718 DARADJAT, A.A. Produktivitas dan kapasitas adaptasi genotipe padi pada tingkat masukan hara yang berbeda. *Productivity and adaptive capacity of rice genotypes grown under different nutrient input levels* / Daradjat, A.A.; Gunarsih, C. (Balai Besar Penelitian Tanaman Padi, Sukamandi); Rustini. S.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 110-120 , 10 tables; 26 ref.
631.152:338.43/SEM/p

ORYZA SATIVA; GENETIC PARAMETERS; GENETIC VARIATION; HERITABILITY; GENOTYPE ENVIRONMENT INTERACTION; GENETIC CORRELATION; FERTILIZER APPLICATION; NUTRIENT UPTAKE; PLANT RESPONSE; YIELD COMPONENTS.

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

ZINGIBERACEAE; CUT FLOWERS; GAMMA IRRADIATION; INDUCED MUTATION; DOSAGE.

720 HADIPOENTYANTI, E. Benih unggul nilam hasil kultur jaringan bebas penyakit dan harga murah. [*Low price and disease resistant seed of nilam produced by tissue culture*] / Hadipoentyanti, E. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 2012 v. 34(2) p. 9-10 , 4 ill.

POGOSTEMON CABLIN; HIGH YIELDING VARIETIES; PLANT PROPAGATION; TISSUE CULTURE; SEEDLINGS; DISEASE RESISTANCE.

721 HADIPOENTYANTI, E. Plasma nutfah tanaman mentha. *Germplasm of mentha* / Hadipoentyanti, E. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E. (eds.) . Jakarta : Badan Litbang Pertanian, 2012: p. 32-37, 1 ill., 2 tables; 14 ref.
665.52/.54/BAD/b

MENTHA ARVENSIS; MENTHA PIPERITA; GERMPLASMS; GERMPLASM COLLECTIONS; EVALUATION; LIPID CONTENT; AGRONOMIC CHARACTERS; PLANT ANATOMY; CHEMICOPHYSICAL PROPERTIES.

722 HARYUDIN, W. Plasma nutfah tanaman nilam. *Gremplasm of patchouli* / Haryudin, W.; Hadipoentyanti, E. (Balai Penelitian Tanaman Rempah dan Obat, Bogor). Bunga rampai inovasi tanaman atsiri Indonesia / Wahyudi, A.; Djazuli, M.; Rosman, R.; Tombe, M.; Wahyuno, D.; Rostiana, O.; Rizal, M.; Sukamto; Hadipoentyanti, E.. (eds.) . Jakarta: Badan Litbang Pertanian, 2012: p. 21-25, 1 ill., 4 tables; 8 ref.
665.52/.54/BAD/b

POGOSTEMON CABLIN; GERMPLASM CONSERVATION; EVALUATION; LIPID CONTENT; LEAVES; PLANT ANATOMY

723 HERMANTO. Palawija unggul baru. [*New high yielding variety of secondary crops*] / Hermanto (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 2012 v. 34(2) p. 5-7, 4 ill., 1 table

ZEA MAYS; GLYCINE MAX; ARACHIS HYPOGAEA; IPOMOEA BATATAS; HIGH YIELDING VARIETIES; AGRONOMIC CHARACTERS; PRODUCTION POSSIBILITIES.

724 IHSAN, F. Teknik persilangan durian untuk perakitan varietas unggul baru. [*Durio hybridization technique for assembly of new high yielding varieties*] / Ihsan, F.; Sukarmin; Ihsan, F. (Balai Penelitian Tanaman Buah Tropika, Solok - Padang); Koswara, E.. Buletin Teknik Pertanian. ISSN 0853-8379 (2012) v.17 (1) p.14-17, 3 ill., 1 table; 4 ref.

DURIO ZIBETHINUS; HYBRIDIZATION; GENETIC GAIN; GENETIC RESOURCES; GENETIC PARAMETERS; AGRONOMIC CHARACTERS.

725 INDRAYANTI, R. Radiosensitivitas Pisang cv. ampyang dan potensi penggunaan iradiasi gamma untuk induksi varian. *Radiosensitivity of Banana cv. ampyang and potential application of gamma irradiation for variant inductio* / Indrayanti, R. (Universitas Negeri Jakarta, Fakultas Matematika dan Ilmu Pengetahuan Alam); Mattjik, N.A.; Setiawan, A.; Sudarsono. Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 112-118, 3 ill., 3 tables; 28 ref.

MUSA ACUMINATA; IN VITRO CULTURE; GAMMA IRRADIATION; DOSAGE; SEEDLINGS; GROWTH.

726 IRIANI, E. Keragaan produksi padi melalui demplot varietas unggul baru dan implementasi komponen PTT di Kabupaten Purbalingga. [*Performance of rice production through new high yielding varieties demplot and integrated plant management implementation in Purbalingga Regency*] / Iriani, E.; Nugraheni, D.; Wulanjari, M.E. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.). Bogor: BBP2TP, 2011: p. 63-72 , 1 ill., 9 tables; 14 ref. Appendices
631.152:338.43/SEM/p

ORYZA SATIVA; INTRODUCED VARIETIES; HIGH YIELDING VARIETIES; INTEGRATED PLANT PRODUCTION; CROP MANAGEMENT; INNOVATION; TECHNOLOGY TRANSFER; AGRONOMIC CHARACTERS; FARMERS; PARTICIPATION; JAVA.

727 ISTIQOMAH, N. Kajian pembibitan varietas lokal ungu dan lokal hijau terhadap pertumbuhan dan produksi talas Malang. [*Assesment of nurseries green and purple local variety of taro nurseries on growth and production in Malang* (Malang)] / Istiqomah, N.; Arifin, Z.; Krismawati, A.(Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor: Puslitbangtan, 2011: p. 639-645 , 4 tables; 7 ref.
633.34/.4-115.2/SEM/i

COLOCASIA ESCULENTA; LAND VARIETIES; PLANT NURSERIES; SEEDLINGS; MERISTEMS; TUBERS; GROWTH; YIELD INCREASES.

728 JUSUF, M. Evaluasi sifat ketahanan klon-klon ubijalar terhadap serangan hama lanas di laboratorium dan hubungannya dengan karakter morfologis umbi.. *Evaluation of sweetpotato clones to sweetpotato weevil (Cylas formicarius) at laboratory and its relationship with tuber morphologies*. / Jusuf, M.; Dwinovitasari; Soegianto, A. . Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.;

Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 587-600 , 4 ill., 2 tables;12 ref.
633.34/.4-115.2/SEM/i

IPOMOEA BATATAS; CLONES; PROGENY TESTING; CYLAS FORMICARIUS; GENETIC RESISTANCE; TUBERS; MIGRATORY PESTS

729 KARYANINGSIH, S. Uji adaptasi varietas unggul baru kedelai di lahan sawah tadah hujan untuk mendukung pengembangan dan menuju swasembada kedelai. [*Adaptation test of new soybean high yielding varieties in rainfed lowland to support development and self sufficiency of soybean*] / Karyaningsih, S. (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 222-229 , 5 tables; 18 ref.
631.152:338.43/SEM/p

GLYCINE MAX; VARIETY TRIALS; HIGH YIELDING VARIETIES; ADAPTABILITY; AGROECOSYSTEMS; AGRONOMIC CHARACTERS; YIELD COMPONENTS; PRODUCTIVITY; IRRIGATED LAND; RAINFED FARMING; SELF SUFFICIENCY.

730 LESTARI, E.G. Mutan padi IR64 toleran kekeringan. [*IR-64 rice mutant tolerant to drought*] / Lestari, E.G. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 2012 v. 34(2) p. 7-8 , 8 ill.

ORYZA SATIVA; VARIETIES; GENOTYPES; CALLUS; MUTATION; IN VITRO; SELECTION; SOMACLONAL VARIATION; VARIETY TRIALS; YIELDS; ADAPTATION; DROUGHT RESISTANCE; DRY FARMING.

731 MALIA, I.E. Uji adaptasi beberapa VUB padi gogo toleran kekeringan dengan produktivitas lebih dari 5 t/ha di Sulut. [*Adaptation test of some upland rice varieties tolerance to drought with productivity more than 5 t/ha in North Sulawesi*] / Malia, I.E.; Polakitan, A.L. (Balai Pengkajian Teknologi Pertanian Sulawesi Utara, Manado). Prosiding seminar nasional pengkajian dan diseminasi inovasi pertanian mendukung program strategis Kementerian Pertanian. Buku 3 / Hendayana, R.; Arifin, M.; Bustaman, S.; Arsyad, D.M.; Jamal, E.; Djauhari, A.; Mardiharini, M.; Arsanti, IW. (eds.) . Bogor : BBP2TP, 2011: p. 1181-1184, 2 tables; 8 ref.
631.15/.17/SEM/P bk3

ORYZA SATIVA; UPLAND RICE; ADAPTABILITY; DROUGHT RESISTANCE; PRODUCTIVITY; AGRONOMIC CHARACTERS; SULAWESI.

732 MARTONO, B. Kriteria penanda seleksi produktivitas terna dan asiatikosida pada pegagan (*Centella asiatica (L.) urban*). *Criterion of marker selection of fresh shoot and asiaticoside productivity of asiatic pennywort (Centella asiatica (L.) Urban)* / Martono, B. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Bogor); Ghulamahdi, M.; Darusman, L.K.; Aziz, S.A.; Bermawie, N.. Jurnal Penelitian Tanaman Industri. ISSN 0853-8212 (2010) v. 16(1) p. 12-19, 2 ill., 5 tables; 25 ref.

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738 RAIHAN, S. Penampilan tiga varietas kacang hijau di lahan rawa pasang surut sulfat masam tipe B. [*Performance of three varieties of mungbeans in acid sulphate tidal swamp land*] / Raihan, S.; Saleh, M.; William, E. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 520-524, 3 tables; 4 ref.
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748 SIMATUPANG, S. Pengkajian tiga varietas unggul bawang merah di kelompok tani FMA di Kab. Karo Sumatera Utara. [*Assessment of three shallot varieties in farmers group in Karo Regency, North Sumatra*] / Simatupang, S. (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 252-257, 7 tables; 6 ref.
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ORYZA SATIVA; UPLAND RICE; GENETIC RESOURCES; GENETIC GAIN; SEED STORAGE; AGRONOMIC CHARACTERS; YIELD COMPONENTS.

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ZEA MAYS; HYBRIDS; OPEN POLLINATION; INTRODUCED VARIETIES; PLANT RESPONSE; DRY FARMING; PRODUCTIVITY; FARM INCOME; JAVA.

752 SUGIARTI, T. Kajian beberapa varietas unggul baru padi dengan pendekatan pengelolaan tanaman terpadu (PTT) pada lahan pasang surut. [*Assessment of several new high yielding varieties of rice by integrated plant management in tidal land*] / Sugiarti, T.; Sution (Balai Pengkajian Teknologi Pertanian Kalimantan Barat,

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631.15/.17/SEM/p bk3

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753 SUHENDRATA, T. Uji adaptasi varietas unggul dan galur harapan padi umur sangat genjah di Kabupaten Sragen, Jawa Tengah pada dua musim tanam. [*Adaptation test of high yielding varieties and promising lines of Sragen Regency in two planting season*] / Suhendrata, T.; Kushartanti, E.; Ngadimin (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran). Prosiding seminar nasional pengkajian dan diseminasi inovasi pertanian mendukung program strategis Kementerian Pertanian. Buku 3 / Hendayana, R.; Arifin, M.; Bustaman, S.; Arsyad, D.M.; Jamal, E.; Djauhari, A.; Mardiharini, M.; Arsanti, I.W. (eds.) . Bogor : BBP2TP, 2011: p. 1173-1180 , 7 ill., 4 tables; 5 ref.
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ORYZA SATIVA; HIGH YIELDING VARIETIES; ADAPTABILITY; PRODUCTIVITY; WET SEASON; DRY SEASON; JAVA.

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757 SUTOYO. Uji daya hasil lima strain jamur tiram putih (*Pleurotus ostreatus*) di dataran tinggi Kabupaten Temanggung. [*Yield test of five Pleurotus ostreatus strains in Temanggung Regency highland*] / Sutoyo (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran); Sumiati, E.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 309-313 , 7 tables; 10 ref.
631.152:338.43/SEM/p

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758 SYUKUR, C. Teknologi konservasi ex situ plasma nutfah tanaman obat dan aromatik di lapang. *Ex situ conservation technology of aromatic crops germplasm in the field* / Syukur, C. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat ISSN 1829-6289 (2009) v. 21(2) p. 64-70, 1 ill., 2 tables; 14 ref.

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633.34/.4-115.2/SEM/i

VIGNA RADIATA RADIATA; HIGH YIELDING VARIETIES; INTRODUCED VARIETIES; MATURATION; PRECOCITY; DISEASE RESISTANCE; AGRONOMIC CHARACTERS; SEED PRODUCTION; PRODUCTIVITY; NUSA TENGGARA.

761 WAHYUNI, T.S. Potensi hasil dan keragaan umbi klon-klon harapan ubijalar *Ipomoea batatas* (L.) Lam. prospektif untuk pengembangan di Kabupaten Blitar. Jawa Timur. *Yield potential and tuber performance of sweet potato Ipomoea batatas (L.) promising clones prospective to be developed in Blitar Regency, East Java* [Indonesia] / Wahyuni, T.S.; Jusuf, M.; Rahayuningsih, S.A. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang) . Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 618-630 , 2 ill., 4 tables; 6 ref.
633.34/.4-115.2/SEM/i

IPOMOEA BATATAS; CLONES; HIGH YIELDING VARIETIES; PROGENY TESTING; CROP PERFORMANCE; PRODUCTION POSSIBILITIES; YIELD COMPONENTS; DRY MATTER CONTENT; TUBERS; JAVA.

762 WIDYAYANTI, S. Upaya meningkatkan produksi padi di desa Delegan Kabupaten Sleman melalui introduksi varietas unggul baru. [*Improving effort of rice production in Delegan Village, Sleman Regency through introducing new high yielding varieties*] / Widyayanti, S.; Basuki, H.; Sutarno; Rustijarno, S. (Balai Pengkajian Teknologi Pertanian, Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, I W.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 49-53 , 2 tables; 13 ref.
631.152:338.43/SEM/p

ORYZA SATIVA; INTRODUCED VARIETIES; HIGH YIELDING VARIETIES; AGRONOMIC CHARACTERS; YIELD COMPONENTS; GROWTH; PRODUCTION INCREASE; JAVA

F50 STRUKTUR TANAMAN / PLANT STRUCTURE

763 IBRAHIM, M.S.D. Keragaman dan kekerabatan populasi cengkeh (*Syzygium aromaticum* L.) di Buniwangi, Sukabumi.

Variability and phylogenetic relationship of clove population (Syzygium aromaticum L.) in Buniwangi, Sukabumi. / Ibrahim, M.S.D.; Syafaruddin; Randriani, E.; Tresniawati, C. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri =Bulletin of Research on Spice and Industrial Crops. ISSN 2085-1685 (2010) v. 1(6) p. 275-186. 3 ill., 3 table; 15 ref.

SYZYGIUM AROMATICUM; PLANT ANATOMY; PLANT POPULATION; GENETIC VARIATION; PLANT PRODUCTION; CROP PERFORMANCE.

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POLLINATION; DURIATION; FERTILIZATION.

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ORYZA SATIVA; RATS; SCIRPOPHAGA INCERTULAS; NILAPARVATA LUGENS; MAGNAPORTHE GRISEA; XANTHOMONAS CAMPESTRIS; XANTHOMONAS ORYZAE; SAROCLADIUM; MIGRATORY PESTS; DISEASE TRANSMISSION; DISEASE SURVEILLANCE.

801 YUSUF, S. Pengaruh bahan pembawa terhadap efektivitas *Beauveria bassiana* dalam mengendalikan Thrips parvispinus Karny pada tanaman krisan di rumah plastik. *Effect of several carriers on Beauveria bassiana to control Thrips pervispinus Karny on chrysanthemum under plastichouse* / Yusuf, S.; Nuryani, W.; Djatnika, I. (Balai Penelitian Tanaman Hias, Cianjur). Jurnal Hortikultura. ISSN 10853-7097 (2010) v. 20(1) p. 80-85, 2 ill., 3 tables; 29 ref.

CHRYSANTHEMUM; BEAUVERIA BASSIANA; THRIPIDAE; POPULATION DYNAMICS; PEST CONTROL; FLOURS; HUSKS; KEEPING QUALITY

802 BASTIAN, A. Evaluasi tingkat ketahanan beberapa galur padi terhadap penyakit tungro. [*Evaluation in resistance of many rice lines to tungro disease*] / Bastian, A. (Loka Penelitian Penyakit Tungro, Makassar). Prosiding seminar nasional penyakit tungro: inovasi teknologi pengendalian penyakit tungro dan hama utama padi menuju swasembada berkelanjutan, Makassar, 10 Nov 2011 / Hermanto; Muis, A.; Pakki, S. (eds.) . Bogor : Puslitbangtan, 2011: p. 107-115, 1 ill., 1 table; 21 ref.
633.18-29/SEM/p c1

ORYZA SATIVA; TUNGRO DISEASE; VECTORS; NEPHOTETTIX VIRESCENS; PROGENY TESTING; GENETIC RESISTANCE; DISEASE RESISTANCE; PEST RESISTANCE.

H20 PENYAKIT TANAMAN / PLANT DISEASES

803 HARDANINGSIH, S. Penyakit-penyakit penting tanaman pangan di kebun percobaan lingkup Balitkabi. [*Important diseases of food crops in experiment station of Research Institute for Legumes and Tuber Crops*] / Hardaningsih, S. (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang) . Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 646-651. 8 ill., 2 tables; 7 ref.
633.34/.4-115.2/SEM/i

FOOD CROPS; PHAKOPSORA PACHYRHIZI; CHOANEPPHORA; CORYNESPORA CASSIICOLA; COLLETOTRICHUM DEMATIUM; XANTHOMONAS; DISEASE SURVEILLANCE; DISEASE TRANSMISSION; RESEARCH INSTITUTIONS.

804 HARNI, R. Observasi dan identivikasi penyakit jamur akar pada tanaman pala di Kabupaten Aceh Selatan. [*Observation and identification of white root disease on nutmeg plant in the district of Aceh Selatan*] / Harni, R.; Trisawa, I.M.; Wahyudi, A.(Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2011) v. 2(3) p. 383-390, 5 ill., 2 tables; 13 ref.

NUTMEGS; MYRISTICA FRAGRANS; RIGIDOPORUS; IDENTIFICATION; SUMATRA.

805 HARTONO, S. Peranan biologi molekuler dalam deteksi dini penyakit tungro. [*Role of molecular biology on tungro disease detection*] / Hartono, S.; Sumardiyono, Y.B. (Universitas Gadjah Mada, Yogyakarta . Fakultas pertanian); Praptana, R.H.. Prosiding seminar nasional penyakit tungro: inovasi teknologi pengendalian penyakit tungro dan hama utama padi menuju swasembada berkelanjutan, Makassar , 10 Nov 2011 / Hermanto; Muis, A.; Pakki, S. (eds.). Bogor : Puslitbangtan, 2011: p. 29-38 , 34 ref.
633.18-29/SEM/p c1

ORYZA SATIVA; TUNGRO DISEASE; RICE TUNGRO VIRUS; NEPHOTETTIX VIRESCENS; VECTORS; MOLECULAR BIOLOGY; PCR; RFLP; GENETIC CORRELATION; IDENTIFICATION.

806 LADJA, F.T. Gulma penular tungro. [*Tungro transmitted weed] / Ladja, F.T. (Loka Penelitian Penyakit Tungro, Lanran*). Warta Penelitian dan Pengembangan Pertanian ISSN. 0216-4427 2012 v. 34(2) p. 11-12 , 4 ill.

ORYZA SATIVA; RICE TUNGRO VIRUS; NEPHOTETTIX VIRESCENS; CYPERUS ROTUNDUS; PHYLLANTHUS; DISEASE TRANSMISSION.

807 LALA, F. . *Control of fruit dry blight on nutmeg caused by Stigmina myristicae (Stein.) Mand.-Sum. et Rifai in Tidore island* / Lala, F.; Assagaf, M.; Mejaya, M.J. (Balai Pengkajian Teknologi Pertanian Maluku Utara, Ternate). Indonesian Journal of Agriculture. ISSN 1979-4673 (2011) v.4 (1) p.52-57, 2 ill., 3 tables; 14 ref.

NUTMEGS; DISEASE CONTROL; FARMERS; FARM AREA; INNOVATION; TECHNOLOGY; MALUKU.

808 MARTINI, T. Pengkajian ketahanan penyakit karat pada enam VUB krisan di DIY. [*Assessment of rust disease resistance on six new high yielding varieties of chrysanthemum*] / Martini, T.; Hanafi, H. (Balai Pengkajian Teknologi Pertanian, Yogyakarta); Bazun, HA.. Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 314-318 , 3 tables; 11 ref.
631.152:338.43/SEM/p

CHRYSANTHEMUM; HIGH YIELDING VARIETIES; DISEASE RESISTANCE; PUCCINIA HORIANA; RUSTS; PLANT RESPONSE; DISEASE TRANSMISSION; ADAPTABILITY; JAVA

809 MUNIF, A. Keefektifan bakteri endofit untuk mengendalikan nematoda parasit *Meloidogyne incognita* pada tanaman lada . [*Effectiveness of endophytic bacteria for contolling parasitic nemetode Meloidogyne incognita on pepper*] / Munif, A.; Harni, R.(Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2011) v. 2(3) p. 377-382, 4 tables; 7 ref.

PIPER NIGRUM; BACTERIA; MELOIDOGYNE INCOGNITA; NEMATODE CONTROL; PLANT NEMATODES.

810 NOVERIZA, R. Efektivitas ekstrak metanol daun salam (*Eugenia polyantha*) dan daun jeruk purut (*Cytrus histrix*) sebagai antijamur pada pertumbuhan *Fusarium oxysporum*. *Effectiveness of methanol extract of bay leaf (Eugenia polyantha) and kaffir lime leaf (Cytrus histrix) as antifungal on growth of F. oxysporum* / Noveriza, R; Miftakhurohmah (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Jurnal Penelitian Tanaman Industri (2010) v. 16(1) p. 6-11, 4 ill,, 3 tables; 14 ref.

EUGENIA; CITRUS; LEAVES; EXTRACTS; PLANT EXTRACTS; FUSARIUM OXYSPORUM; FUNGICIDES; BOTANICAL PESTICIDES; METHANOL GERMINATION; GROWTH; FUNGAL SPORES; GERMINATION INHIBITORS

811 RAHAYU, M. Evaluasi ketahanan varietas kacang tanah terhadap penyakit layu Ralstonia solanacearum. [*Evaluation of groundnuts varieties resistance to bacterial wilt (Ralstonia solanacearum*)] / Rahayu, M. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 496-501 , 2 tables; 7 ref.
633.34/.4-115.2/SEM/i

ARACHIS HYPOGAEA; VARIETY TRIALS; PSEUDOMONAS SOLANACEARUM; GENETIC RESISTANCE; DISEASE RESISTANCE; DISEASE CONTROL; PLANT RESPONSE.

812 RAHIM, D. Interaksi virus tungro dan vektor serta pengelolaannya. [*Tungro virus and vector interactions with the management*] / Rahim, D. (Universitas Hasanuddin, Makassar . Fakultas Pertanian); Ladja, F.T. . Prosiding seminar nasional penyakit tungro:

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633.18-29/SEM/p c1

TUNGRO DISEASE; NEPHOTETTIX VIRESCENS; VECTORS; RICE TUNGRO VIRUS; GENETIC VARIATION; BIOTYPES; DISEASE CONTROL; DISEASE SURVEILLANCE; CULTURE TECHNIQUES; GENETIC RESISTANCE.

813 SUTARIATI, G.A.K. Isolasi dan uji kemampuan Rizobakteri indigenous sebagai agensia pengendali hayati penyakit pad tanaman cabai. *Isolation and efficacy trial of indigenous Rhizobacteria as biocontrol agents of fungal diseases of hot pepper* / Sutariati, G.A.K. (Universitas Haluoleo, Kendari . Fakultas Pertanian); Wahab, A.. Jurnal Hortikultura. ISSN 10853-7097 (2010) v. 20(1) p. 86-95, 1 ill., 3 tables; 24 ref.

CAPSICUM ANNUUM; COLLETOTRICHUM CAPSICI; FUSARIUM OXYSPORUM; ANTAGONISM; RHIZOBACTERIA; BIOLOGICAL CONTROL AGENTS.

814 WIDIARTA, I.N. Pengelolaan penyakit tungro terpadu berbasis dinamika populasi vektor dan epidemiologi virus. [*Integrated management of tungro disease base on vector population dynamic and epidemiology of viral*] / Widiarta, I N. (Pusat Penelitian dan Pengembangan Tanaman Pangan, Bogor). . Prosiding seminar nasional penyakit tungro: inovasi teknologi pengendalian penyakit tungro dan hama utama padi menuju swasembada berkelanjutan, Makassar , 10 Nov 2011 / Hermanto; Muis, A.; Pakki, S. (eds.) . Bogor : Puslitbangtan, 2011: p. 69-91 , 11 ill., 5 tables; Bibliography: p. 88-91
633.18-29/SEM/p c1

ORYZA SATIVA; TUNGRO DISEASE; VIROSES; NEPHOTETTIX VIRESCENS; POPULATION DYNAMICS; EPIDEMIOLOGY; INTEGRATED CONTROL; VECTORS; PATHOLOGY

H50 RAGAM KELAINAN PADA TANAMAN / MISCELLANEOUS PLANT DISORDERS

815 INONU, I. Respon klon karet terhadap frekuensi penyiraman di media tailing pasir pasca penambangan timah. *Response of rubber clones to frequency of watering in sand tailings media derived from tin post-mining* / Inonu, I. (Universitas Bangka Belitung, Bangka). Program Studi Agroteknologi); Budianta, D.; Umar, M.; Yakup; Wiralaga, A.Y.A. Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 131-136, 4 tables; 20 ref.

HEVEA BRASILIENSIS; DROUGHT RESISTANCE; IRRIGATION; SANDY SOILS.

816 KARTI, P.D.M.H. Mekanisme toleransi aluminium pada rumput pakan Setaria splendida. *Aluminum tolerance mechanism in Setaria splendida* / Karti, P.D.M.H. (Institut Pertanian Bogor . Fakultas Peternakan). Jurnal Agronomi Indonesia. ISSN 2085-2916 (2011) v. 39(2) p. 144-148, 1 ill., 2 tables; 13 ref.

SETARIA; CHLORIS GAYANA; ALUMINIUM; TOLERANCE; CHEMICAL COMPOSITION; OXALIC ACID; MALEIC ACID; CITRIC ACID; GROWTH.

817 TJAHJANA, B.E. *Resitances of two hybrid pepper to water requirement*: Ketahanan dua nomor lada hibrida terhadap kekurangan air / Tjahjana, B.E.; Setiyono, R.T.; Udarno, L. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri =Bulletin of Research on Spice and Industrial Crops. ISSN 2085-1685 (2010) v. 1(6) p. 287-294, 3 tables; 18 ref.

PIPER NIGRUM; DROUGHT RESISTANCE; VARIETIES; GROWTH; BIOMASS; PROLINE; ABA.

H60 GULMA DAN PENGENDALIANNYA / WEEDS AND WEED CONTROL

818 BADAN KARANTINA PERTANIAN, JAKARTA. Pedoman diagnosis OPTK golongan gulma. Jakarta: Badan Karantina Pertanian, 2010.
Ref. 632.651:595.132/BAD/p

WEEDS; DIAGNOSIS; PLANT ANATOMY;

IDENTIFICATION; PLANT QUARANTINE.

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

819 LOPPIES, J.E. Analisis tren kadar lemak pada biji kakao selama penyimpanan. *Trend analysis of fat content of cocoa beans during storage* / Loppies, J.E.; Yumas, M. (Balai Besar Industri Hasil Perkebunan, Makassar). Jurnal Industri Hasil Perkebunan. ISSN 1979-0023 (2008) v. 3(2) p. 48-53, 1 ill., 4 tables; 15 ref.

COCOA BEANS; FERMENTATION; TEMPERATURE; DURATION; LIPID CONTENT; STORAGE; DATA ANALYSIS.

820 NURMALINDA. Teknologi panen dan pascapanen bunga krisan potong. [*Farming systems analysis and marketing of cut chrysanthemum flower*] / Nurmalinda. Teknologi produksi krisan (Dendranthema grandiflora [Ramat] Kitam) / Marwoto, B.; Suhardi; Sulyo, Y.; Effendie, K.; Hilman, Y. (eds.) . Pacet, Cianjur : Balithi, 2006: p. 73-85. Monograf Balithi (no. 09), 7 tables; Bibliography: p. 81-85
635.966/BAL/t

DENRANTHEMA MORIFOLIUM; FARMING SYSTEMS; COST BENEFIT ANALYSIS; MARKETING; MARKETING CHANNELS.

821 RACHMAT, R. Inovasi pengeringan mendukung pengembangan diversifikasi produk sayuran. *Innovation of radiation drying technology of vegetable* / Rachmat, R. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2010) v. 6(1) p. 17-25, 3 ill., 3 tables; 43 ref.

VEGETABLES; DRYING; INFRARED RADIATION; DRIED VEGETABLES; TEMPERATURE; VOLATILE COMPOUNDS; CHEMICOPHYSICAL PROPERTIES.

822 RAMLAH, S. Pengaruh jenis kemasan terhadap mutu gula aren (*Arenga pinnata* Merr) selama penyimpanan. *Effect of packaging materials on palm sugar quality (Arenga pinnata Merr) during storage* / Ramlah, S. (Balai Besar Industri Hasil Perkebunan, Makassar). Jurnal Industri Hasil Perkebunan 1979-0023 (2008) v. 3(2) p. 37-41, 1 ill., 4 tables; 9 ref.

SUGAR; QUALITY; PACKAGING MATERIALS; STORAGE; MOISTURE CONTENT; CARBOHYDRATE CONTENT; ASH CONTENT.

823 SABARI, S. Teknologi panen dan pascapanen bunga krisan potong. [*Harvesting and postharvest technology of cut chrysanthemum flower*] / Sabari, S.; Sunarmani. Teknologi produksi krisan (*Dendranthema grandiflora* [Ramat] Kitam) / Marwoto, B.; Suhardi; Sulyo, Y.; Effendie, K.; Hilman, Y. (eds.) . Pacet, Cianjur : Balithi, 2006: p. 61-72. Monograf Balithi (no. 09), 3 tables
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CHRYSANTHEMUM; CUT FLOWERS; POSTHARVEST TECHNOLOGY; TRANSPORTATION; STORAGE; ESSENTIAL OILS; POT PLANT.

824 WANITA, Y.P. Kajian suhu ruang penyimpanan dan teknik pengemasan terhadap daya simpan beberapa varietas kedelai. [*Assessment of storage room temperature and packaging technique on storability of soybean varieties*] / Wanita, Y.P.; Djaafar, T.F.; Hatmi, R.U. (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 230-236 , 5 ill., 3 tables; 7 ref.
631.152:338.43/SEM/p

SOYBEANS; VARIETIES; SEED STORAGE; SEED TREATMENT; VACUUM PACKAGING; TEMPERATURE; KEEPING QUALITY; DURATION; SEED MOISTURE CONTENT; GERMINABILITY.

J13 PENANGANAN, TRANSPOR, PENYIMPANAN DAN PERLINDUNGAN HASIL TERNAK / HANDLING, TRANSPORT, STORAGE AND PROTECTION OF ANIMAL PRODUCTS

825 ANDRIANI. Asam asetat pengganti formalin untuk mengawetkan daging ayam. [*Acetic acid as formaldehyde substitute for preserving chicken meat*] / Andriani (Balai Besar Penelitian Veteriner, Bogor). Warta Penelitian dan Pengembangan Pertanian 0216-4427 (2006) v. 28(5) p. 12, 1 ill., 1 table.

CHICKEN MEAT; PRESERVATION; ORGANIC ACIDS; FORMALDEHYDE.

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

826 SUHIRMAN, S. Aplikasi teknologi pemurnian untuk meningkatkan mutu minyak nilam. *Purification technique application to increase quality of patchouli oil* / Suhirman, S. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(1) p. 15-21, 2 tables; 31 ref.

POGOSTEMON CABLIN; ESSENTIAL OILS; TECHNOLOGY; PURIFICATION; PROXIMATE COMPOSITION; KEEPING QUALITY; DISTILLING; CHEMICOPHYSICAL PROPERTIES; ORGANOLEPTIC PROPERTIES.

L01 PETERNAKAN / ANIMAL HUSBANDRY

827 BADUNG, N. Industri peternakan berkelanjutan dalam era pemanasan global. [*Sustainable livestock industry in the era of global warming*] / Badung, N.; Suyasa, N. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar). Bulletin Teknologi dan Informasi Pertanian BPTP Bali. ISSN 1693-1262 (2010) v. 8(23) p. 14-16, 9 ref.

LIVESTOCK; AGROINDUSTRIAL SECTOR; CLIMATIC CHANGE; METHANE; P0LLUTION.

828 SOEHARSONO. Kinerja sapi persilangan hasil inseminasi buatan dengan bobot awal yang berbeda. *Performance of crossbred cattle resulted from artificial insemination in different initial liveweight* / Soeharsono (Balai Pengkajian Teknologi Pertanian Yogyakarta); Saptati, R.A.; Diwyanto, K.. Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 99-109, 3 ill., 5 tables; 21 ref.
636+619/SEM/p

BEEF CATTLE; FATTENING; ARTIFICIAL INSEMINATION; BODY WEIGHT; ANIMAL FEEDING; PROXIMATE COMPOSITION; GROWTH RATE.

829 FIRSONI. Efek daun paitan *Tithonia diversifolia* (Hemsley) A. Gray) dan kelor (*Moringa oleifera*, LAMK) di dalam pakan komplit in-vitro. *Effect of Tithonia diversifolia (Hemsley) A. Gray and Moringa oleifera, lamk leaves in complete feed on gas production in-vitro* / Firsoni (Badan Tenaga Nuklir Nasional, Jakarta); Puspitasari, L.; Andini, L.. Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 522-528, 4 tables; 24 ref.
636+619/SEM/p

MAIZE; STRAW; TITHONIA DIFERSIFOLIA; MORINGA OLEIFERA; COMPLETE FEEDS; IN VITRO; CELL CULTURE; DURATION; DEGRADATION.

830 PANJAITAN, T. Produksi dan kualitas hijauan sorgum varietas Numbu dan Kawali di Lombok . [*Production and forage quality of sorghum var. Numbu and Kawali in Lombok*] / Panjaitan, T.; Erawati, B.T.R.; Prisdiminggo (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat, Mataram). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat

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631.152:338.43/SEM/p

SORGHUM BICOLOR; VARIETIES; FORAGE; FEEDS; QUALITY; DESICCATED FODDERS; PROXIMATE COMPOSITION; PRODUCTION.

831 PUASTUTI, W. Menduga bobot hidup domba yang diberi ransum berbasis kulit buah kakao pada umur satu tahun. *Prediction of live weight of one year old sheep fed cocoa pod based rations* / Puastuti, W.; (Balai Penelitian Ternak, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 484-491, 2 ill.,1 table; 14 ref.
636+619/SEM/p

SHEEP; RATIONS; CHEMICAL COMPOSITION; GROWTH; BODY WEIGHT.

832 RACHMAWATI, S. Produksi pereaksi imunokimia untuk pengembangan teknik ELISA Okratoksin A (OTA) dalam rangka monitoring keamanan pakan ternak. Immunoreagent production for development of ELISA Ochratoxin-A technique in monitoring livestock feed security / Rachmawati, S. (Balai Besar Penelitian Veteriner, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 732-740, 5 ill., 2 tables; 15 ref.
636:619/SEM/p

LIVESTOCK; FEEDS; BIOCHEMISTRY; PRODUCTION; ELISA; OCHRATOXINS; MONITORING.

L02 PAKAN HEWAN / ANIMAL FEEDING

833 SIMANIHURUK, K. Silase ampas sagu sebagai pakan dasar pada kambing kacang sedang tumbuh. *Sago waste silage as basal diet for growing goats* / Simanihuruk, K.; Chaniago, A.; Sirait, J. (Loka Penelitian Kambing Potong, Sei Putih, Sumatera Utara). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor: Puslitbangnak, 2012: p. 542-550, 6 tables; 23 ref.
636+619/SEM/p

GOATS; SAGO; BYPRODUCTS; FEEDS; SILAGE; CHEMICAL COMPOSITION; CONSUMPTION; DIGESTIBILITY; BODY WEIGHT; FEED CONVERSION EFFICIENCY; ECONOMIC ANALYSIS.

834 SIRAIT, J. Tanaman leguminosa alfalfa, mucuna dan arachis sebagai sumber pakan kambing. *Alfalfa, mucuna and arachis legumes as goat feed resources* / Sirait, J.; Sianipar, J.; Simanihuruk, K. (Loka Penelitian Kambing Potong, Sungei Putih, Sumatera Utara). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor : Puslitbangnak, 2012: p. 492-499, 1 ill., 5 tables; 18 ref.
636+619/SEM/p

GOATS; FEEDS; MEDICAGO SATIVA; MUCUNA; ARACHIS GLABRATA; BODY WEIGHT; CHEMICAL COMPOSITION; FEED CONSUMPTION; DIGESTIBILITY.

L10 GENETIKA DAN PEMULIAAN HEWAN / ANIMAL GENETICS AND BREEDING

835 ANGGRAENI, A. Evaluasi genetik sifat pertumbuhan anak dari jantan muda uji progeni pada kambing PE. *Genetic evaluation on birth weight of the kids of progeny tested young bucks of PE goat* / Anggraeni, A.; Sutama, K.; Komaruddin (Balai Penelitian Ternak, Bogor); Setiyorini; Jakarta. Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.;

Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor : Puslitbangnak, 2012: p. 465-471, 1 ill., 4 tables; 10 ref.
636+619/SEM/p

GOATS; PROGENY; TESTING; BIRTH RATE; BIRTH WEIGHT; LITTER SIZE; ENVIRONMENTAL FACTORS.

836 DOLOKSARIBU, M. Inovasi teknologi inseminasi buatan secara intrauteri dengan menggunakan semen beku terhadap kebuntingan kambing. *Effect of intrauterine artificial insemination with frozen semen on pregnancy of goats* / Doloksaribu, M.; Pamungkas, F.A.; Nasution, S.; Mahmilia, F. (Loka Penelitian Kambing Potong, Sei putih, Sumatera Utara). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 479-484, 4 tables; 14 ref.
636+619/SEM/p

GOATS; ARTIFICIAL INSEMINATION; INNOVATION; TECHNOLOGY; SEMEN; PREGNANCY; REPRODUCTIVE PERFORMANCE.

837 PRAHARANI, L. Respon sinkronisasi estrus sapi brahman dan persilangannya. *Response of estrus synchronization in brahman and their crossbred dams* / Praharani, L. (Balai Penelitian Ternak, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 68-74, 1 ill., 1 table; 20 ref.
636+619/SEM/p

BEEF CATTLE; OESTROUS CYCLE; CROSSBREEDING; WEIGHT GAIN; ELDERLY; REPRODUCTIVE PERFORMANCE; BODY CONDITION; ANIMAL GENETIC RESOURCES

838 SAPUTRA, F. Identifikasi keragaman gen beta-kasein (CSN2) pada kambing peranakan etawah, saanen dan persilangannya dengan metode PCR-SSCP. *Identification of beta-casein gene variability (CSN2) in etawah grade, saanen and pesa goats by PCR-SSCP method* / Saputra,F.; Darwati, S.; Maheswari, R.R.A.; Sumantri, C. (Institut Pertanian Bogor, Fakultas Peternakan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor: Puslitbangnak, 2012: p. 458-464, 2 ill., 3 tables; 13 ref.
636+619/SEM/p

GOATS; IDENTIFICATION; CASEIN; GENETIC VARIATION; PCR; HETEROZYGOTES; GENOTYPES.

839 TARWINANGSIH, W. Analisis keragaman genetik kerbau lokal (*Bubalus bubalis*) berdasarkan haplotipe DNA mitokondria. *Analysis of genetic diversity of local buffaloes (Bubalus bubalis) based on mitochondrial DNA haplotypes* / Tarwinangsih, W. (Institut Pertanian Bogor . Fakultas Peternakan); Farajallah, A.; Sumantri, C.; Andreas, E.. Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 59-67, 6 ill., 4 tables; 18 ref.
636+619/SEM/p

WATER BUFFALOES; IDENTIFICATION; GENETIC VARIATION; MITOCHONDRIAL GENETICS; DNA; PCR; RFLP.

840 YUNIARSIH, P. Eksplorasi gen growth hormone exon 3 pada kambing peranakan etawah (PE), saanen dan pesa melalui teknik PCR-SSCP. *Exon 3 growth hormone gene exploration in etawah grade, saanen and pesa by PCR-SSCP method* / Yuniarsih, P.; Jakaria; Muladno (Institut Pertanian Bogor, Fakultas Peternakan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Kelonowati, E.; Pulungan, R.E.; Yunia, L. (eds.). Bogor: Puslitbangnak, 2012: p. 451-457, 4 ill., 3 tables; 9 ref.
636+619/SEM/p

GOATS; SOMATOTROPIN; IDENTIFICATION; PCR; GENES; HETEROZYGOTES.

L40 STRUKTUR HEWAN / ANIMAL STRUCTURE

841 ADIATI, U. Karakteristik morfologi kambing PE di dua lokasi sumber bibit. *Morpholf50*
ogical charackteristic of PE goat at two breeding centers / Adiati, U.; Priyanto, D. (Balai Penelitian Ternak, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor : Puslitbangnak, 2012: p. 472-478, 6 tables; 8 ref.
636+619/SEM/p

GOATS; ANIMAL MORPHOLOGY; BODY MEASUREMENTS; BODY WEIGHT; PREWEANING PERIOD; POSTWEANING PERIOD; PHENOTYPES.

L53 FISIOLOGI – REPRODUKSI HEWAN / ANIMAL PHYSIOLOGY – REPRODUCTION

842 ANDRIYANTO. Kondisi hematologis induk domba bunting yang disuperovulasi sebelum perkawinan dan diberikan ekstrak temulawak plus selama periode kebuntingan. *Hematological condition of superovulated sheep prior to mating and administration of temulawak during pregnancy* / Andriyanto; Arif, R.; Ganjar; Darjat, M.; Manalu, W. (Institut Pertanian Bogor, Fakultas Kedokteran Hewan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor: Puslitbangnak, 2012: p. 500-507, 3 tables; 31 ref.
636+619/SEM/p

SHEEP; CURCUMA XANTHORRHIZA; EXTRACTS; SUPEROVULATION; APPLICATION RATES; GESTATION PERIOD; BLOOD; BIRTH WEIGHT; LITTER SIZE.

843 LUTHFI, M. Perbedaan performan reproduksi sapi PO dan brahman cross di berbagai lokasi di Jawa Tengah dan Jawa Timur. *Comparative study on reproductive performance of Ongole Cross and brahman cross cattle in Central and East Java Provinces* / Luthfi, M.; Anggraeny, Y.N.; Darminto (Loka Penelitian Sapi Potong, Pasuruan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 80-84, 2 tables; 18 ref.
636+619/SEM/p

BEEF CATTLE; REPRODUCTIVE PERFORMANCE; OESTROUS CYCLE; PARTURITION INTERVAL; PREGNANCY; JAVA.

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

844 SUSILOWATI, S.H. Faktor-faktor yang mempengaruhi keputusan peternak ayam petelur melakukan vaksinasi: studi kasus di Provinsi Jawa Barat dan Bali. *Factors influencing layer farmers decision to conduct vaccination: case study in West Java and Bali Provinces [Indonesia]* / Susilowati, S.H. (Pusat Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor : Puslitbangnak, 2012: p. 779-786, 6 tables; 5 ref.
636:619/SEM/p

LAYER CHICKENS; FARMERS; VACCINATION; AVIAN INFLUENZA; JAVA; BALI.

L73 PENYAKIT HEWAN / ANIMAL DISEASES

845 SAEPULLOHI, M. Pengaruh toksin binder dan aflatoksin B1 terhadap respon tanggap kebal newcastle disease pada ayam pedaging. *Effect of toxin binder and aflatoxin B1 against immune response of newcastle disease in broiler* / Saepullohi, M. Rahmawati, S.; Darmayanti, N.L.P.I. (Balai Besar Penelitian Veteriner, Bogor); Bahri, S.. Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.;

Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 753-764, 3 ill., 5 tables; 25 ref.
636:619/SEM/p

BROILER CHICKENS; NEWCASTLE DISEASE; TOXINS; AFLATOXINS; FEEDS; CONTAMINATION; IMMUNE RESPONSE.

846 WAHYUWARDANI, S. Gambaran patologik infeksi virus gumboro dan deteksi antigen pada bursa fabricius dengan teknik imunohistokimia. *Description of gumboro virus pathological infection and antigen detection to the bursae of fabricius with immunohistochemical technique* / Wahyuwardani, S. (Balai Besar Penelitian Vetertner, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor : Puslitbangnak, 2012: p. 772-778, 4 ill., 1 table; 11 ref.
636:619/SEM/p

BROILER CHICKENS; GUMBORO DISEASE; PATHOLOGY; INFECTION; ANTIGENS; IMMUNOLOGICAL TECHNIQUES.

847 YASA, I M.R. Infeksi cacing mata (*Thelaziasis*) pada ternak sapi. [*Eye worm infection (Thelaziasis) in cattle*] / Yasa, I M.R. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar). Bulletin Teknologi dan Informasi Pertanian BPTP Bali. ISSN 1693-1262 (2010) v. 8(23) p. 6-9, 3 ill., 8 ref.

CATTLE; THELAZIA; ANIMAL DISEASES; EPIDEMIOLOGY; LIFE CYCLE; PATHOGENESIS; DIAGNOSIS; DISEASE CONTROL; THERAPY.

N20 MESIN DAN PERALATAN PERTANIAN / AGRICULTURAL MACHINERY AND EQUIPMENT

848 HANDAKA. . *Modification of a grass cutter into a small rice harvester* / Handaka; Pitoyo, J. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong - Tangerang). Indonesian Journal of Agriculture. ISSN 1979-4673 (2011) v.4 (1) p.40-45, 8 ill., 3 tables; 10 ref.

RICE; HARVESTERS; MOWERS; MODELS; ESTIMATED COSTS.

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

849 DJAENUDIN, U.D. Prospek penelitian potensi sumber daya lahan di wilayah Indonesia. [*Prospect of research on potential land resources in Indonesia*] / Djaenudin, U.D. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor) Pengembangan Inovasi Pertanian. ISSN 1979-5378 (2009) v. 2(4) p. 243-257, 38 ref.

INDONESIA; LAND RESOURCES; AGRICULTURAL DEVELOPMENT; LAND USE; LAND SUITABILITY; SOIL CHEMICOPHYSICAL PROPERTIES; LAND EVALUATION; LANDSCAPE; REMOTE SENSING; CARTOGRAPHY.

850 MULYANI, A. Wilayah pegunungan tidak identik dengan lahan kritis. [*Mountainous region is not identical with the critical land*] / Mulyani, A. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Warta Penelitian dan Pengembangan Pertanian. ISSN 0216-4427 (2006) v. 28(5) p. 17-18, 2 ill.

MARGINAL LAND; LAND SUITABILITY; LAND RESOURCES; WATER RESOURCES; CLIMATIC FACTORS; LAND USE; CULTURAL BEHAVIOUR.

P06 SUMBER DAYA ENERGI TERBARUKAN / RENEWABLE ENERGY RESOURCES

851 ASAD, M. Kajian penggunaan pupuk organik pada tanaman bawang merah asal biji di Kabupaten Sidrap, Sulawesi Selatan. *Study of organic fertilizer usage in onion plant from seed at Sidrap Distric, South Sulawesi* / Asad, M.; Warda (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian. ISSN 1410-959X (2010) v. 13(1) p. 20-28, 4 tables; 16 ref.

ALLIUM ASCALONICUM; ORGANIC FERTILIZER; FERTILIZER APPLICATION; GROWTH; YIELDS; SULAWESI.

852 TOWAHA, J. Karakteristik minyak nyamplung (*Calophyllum inophyllum* LINN.) sebagai bahan bakar biodiesel. [*Characteristics of nyamplung Calophyllum oils as biodiesel fuel*] / Towaha, J.; Udarno, L. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Parungkuda, Sukabumi). Bunga rampai tanaman industri potensial penghasil biodiesel dan bioetanol / Haadad E.A., M.; Wardiana, E.; Daras, U.; Syafaruddin; Udarno, L.; Supriadi, H.; Rivai, A.M. (eds.). Parungkuda, Sukabumi : Balittri, 2009: p. 65-74, 6 ill., 3 tables; 12 ref. 633.9/BAL/b

CALOPHYLLUM; PLANT OILS; BIOFUELS; DIESEL ENGINES; GLYCEROL; FATTY ACIDS; LINOLENIC ACID.

853 WIDODO, T.W.. *Design and development of biogas reactor for farmer group scale* / Widodo, T.W.; Asari, A.; Ana N.; Elita R. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong). Indonesian Journal of Agriculture, ISSN 1979-4673 2009 v. 2(2) p. 121-128, 6 ill., 2 tables; 15 ref

CATTLE; FARMYARD MANURE; BIOMASS; BIOENERGY; DESIGN; METHANE; TECHNOLOGY; ENERGY RESOURCES; ECONOMIC ANALYSIS.

P10 PENGELOLAAN DAN SUMBER DAYA AIR / WATER RESOURCES AND MANAGEMENT

854 NASRULLAH. Analisis perubahan tutupan lahan dan pengaruhnya terhadap neraca air dan sedimentasi di Danau Tempe . [*Analysis of vegetation land conversion and its effect of waterflow and sedimentation in Tempe lake*] / Nasrullah; Kartiwa, B.. Buletin Hasil Penelitian Agroklimat dan Hidrologi 0216-3934 (2008) v. 5(1) p. 59-80, 17 ill., 3 tables; 14 ref.

LAKES; WATER RESERVOIR; SEDIMENTATION; WATER BALANCE; GROUNDWATER RECHARGE; SURFACE WATER; WATERSHEDS; VEGETATION; LAND USE; FARMLAND; URBANIZATION.

855 REJEKININGRUM, P. Kurva lengkung debit *(rating curve*) untuk transformasi data tinggi muka air menjadi debit sungai: studi Kasus Sungai Cibojong di DAS Cicatih. [*Discharge rating curve for the transformation data of surface water level become river discharge]* / Rejekiningrum, P.; Kartiwa, B.. Buletin Hasil Penelitian Agroklimat dan Hidrologi 0216-3934 (2008) v. 5(1) p. 81-93, 11 ill., 3 tables; 7 ref.

JAVA; RIVERS; SURFACE WATER; WATER LEVELS; FLOW RATE; WATERSHEDS; SEASONAL VARIATION.

856 SETIOBUDI, D. Optimalisasi penggunaan air pada tanaman padi sawah mendukung implementasi IP padi 400. [*Optimization of water use in irrigated rice to support IP rice 400 implementation*] / Setiobudi, D.; Ruskandar, A. (Balai Besar Penelitian Tanaman Padi, Sukamandi). Prosiding seminar nasional tanaman pangan: Inovasi teknologi berbasis ketahanan pangan berkelanjutan. Buku I, Bogor , 14 Aug 2009 / Hermanto; Sunihardi (eds.). Bogor : Puslitbangtan, 2010: p. 51-62, 8 tables; 20 ref. 633.1/4-115.2/SEM/p

IRRIGATED RICE; WATER USE; EFFICIENCY; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; DEMAND IRRIGATION; INNOVATION; REISTANCE TO INJURIOUS FACTORS.

P32 KLASIFIKASI DAN PEMBENTUKAN TANAH / SOIL CLASSIFICATION AND GENESIS

857 FIBRIANTY. Pemanfaatan potensi biofisik lahan kering di Gunung Kidul melalui budi daya kacang hijau musim kemarau dalam rangka pemberdayaan petani menuju agribisnis masyarakat perdesaan. [*Use of dryland biophysical potency in Gunung Kidul through mungbean cultivation in dry season*] / Fibrianty; Murwati (Balai Pengkajian Teknologi Pertanian Yogyakarta). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang , 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono,

J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 242-246 , 1 ill., 2 tables; 6 ref.
631.152:338.43/SEM/p

VIGNA RADIATA RADIATA; CULTIVATION; VARIETIES; DRY FARMING; DRY SEASON; FARMERS; PARTICIPATION; AGROINDUSTRIAL SECTOR; ECONOMIC ANALYSIS; RURAL COMMUNITIES; JAVA

P33 KIMIA DAN FISIKA TANAH / SOIL CHEMISTRY AND PHYSICS

858 YUSRON, M. Menjaring antioksidan selenium di lahan pasang surut. [*Casting net of Selenium antioxidant at tides land*] / Yusron, M. (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Warta Penelitian dan Pengembangan Pertanian 0216-4427 (2009) v. 31(1) p. 11-12, 1 ill.

ZINGIBER; DRUG PLANTS; ANTIOXIDANTS; SELENIUM; TIDES.

P35 KESUBURAN TANAH / SOIL FERTILITY

859 AMIR, A.M. Peranan serangga ekor pegas (*Collembola*) dalam meningkatkan kesuburan tanah.. [*Role of springtails insect (Collembola) in improving soil fertility*] / Amir, A.M. (Balai Penelitian Tanaman Tembakau dan Serat, Malang). Warta Penelitian dan Pengembangan Tanaman Industri. ISSN 0853-8204 (2008) v. 14(1) p. 15-16, 1 ill., 1 table.

COLLEMBOLA; ANIMAL MORPHOLOGY; SOIL FAUNA; POPULATION DYNAMICS; DEGRADATION; SOIL FERTILITY

860 PERMADI, K. Implementasi jerami padi untuk memulihkan kesehatan tanah sawah dan mendukung peningkatan produksi padi. [*Implementation of rice straw to rehabilitate irrigated soil health and to support rice production increase*] / Permadi, K. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang, Bandung). Prosiding semiloka nasional dukungan agro inovasi untuk pemberdayaan petani dalam pengembangan agribisnis masyarakat perdesaan, Semarang, 14 Jul 2011 / Hermawan, A.; Mastur; Sudana, IW.; Muryanto; Yulianto; Prasetyo, T.; Pramono, J.; Dwi Y.V.; Jamal, R. (eds.) . Bogor : BBP2TP, 2011: p. 135-140 , 3 ill., 2 tables; 6 ref.
631.152:338.43/SEM/p

ORYZA SATIVA; RICE STRAW; SOIL IMPROVEMENT; SOIL MICROORGANISMS; SOIL FERTILITY; ZERO TILLAGE; PRODUCTION INCREASE.

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

861 FERRY, Y. *Improvement of former tin mining land: ase study; test of mixture media between former tin mining land and some compost types for pepper cultivation*: Perbaikan lahan bekas tambang timah: study kasus; uji media campuran tanah bekas tambang dengan beberapa macam kompos untuk budidaya lada / Ferry, Y.; Towaha, J.; Sasmita, K.D. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri =Bulletin of Research on Spice and Industrial Crops. ISSN 2085-1685 (2010) v. 1(6) p. 295-308, 13 tables; 17 ref.

PIPER NIGRUM; SOIL CHEMICOPHYSICAL PROPERTIES; LAND IMPROVEMENT; WASTES; COMPOSTING; GROWTH.

P40 METEOROLOGI DAN KLIMATOLOGI / METEOROLOGY AND CLIMATOLOGY

862 LAS, I. Antisipasi perubahan iklim dalam mengamankan produksi beras nasional. *Anticipating the impacts of climate change on securing national rice production* / Las, I.; Pramudia, A.; Runtunuwu, E.; Setyanto, P. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Pengembangan Inovasi Pertanian. ISSN 1979-5378 (2011) v. 4(1) p. 76-86, 1 ill., 2 tables; 10 ref.

RICE; PRODUCTION; CLIMATIC CHANGE; ADAPTATION; WEATHER FORECASTING; CROP MANAGEMENT; WATER MANAGEMENT; EFFICIENCY; WATER USE; HIGH YIELDING

VARIETIES; INTEGRATED CONTROL; CARTOGRAPHY.

863 PRAMUDIA, A. Pengembangan prediksi curah hujan menggunakan teknik analisis jaringan syaraf . [*Development of rainfall prediction using neural networks analysis*] / Pramudia, A.. Buletin Hasil Penelitian Agroklimat dan Hidrologi 0216-3934 (2008) v. 5(1) p. 94-104, 5 ill., 1 table; 10 ref.

RAIN; WEATHER DATA; FORECASTING; NEURAL NETWORKS; SIMULATION MODELS; METEOROLOGICAL STATIONS.

864 PRAMUDIA, A. . *Rainfall prediction modelling using neural network analysis technique at rice production centers in Wes Java and Banten* / Pramudia, A.; Runtunuwu, E. (Balai Penelitian Agroklimat dan Hidrologi, Bogor); Kusmaryono, Y.; Las, I.; June, T.; Astika, I.W. Indonesian Journal of Agriculture. ISSN 1979-4673 (2010) v.3 (2) p.87-94, 3 ill., 2 tables; 11 ref.

RICE; RAIN; MODELS; NEURAL NETWORKS; NETWORK ANALYSIS; PRODUCTION POSSIBILITIES.

865 SUCIANTINI. Aplikasi suatu model simulasi pada tanaman kedelai. [*Simulation model application on soybeans*] / Suciantini. Buletin Hasil Penelitian Agroklimat dan Hidrologi 0216-3934 (2008) v. 5(1) p. 43-58, 8 ill., 4 tables; 13 ref. Appendices

GLYCINE MAX; SIMULATION MODELS; WEATHER DATA; PLANT CONDITION; ENVIRONMENTAL IMPACT; SOLAR RADIATION; AGRONOMIC CHARACTERS; YIELD FORECASTING.

866 SURMAINI, E. . *Global climate index and its effect on extreme climate events in Indonesia* / Surmaini, E.; Susanti, E. (Balai Penelitian Agroklimat dan Hidrologi, Bogor). Indonesian Journal of Agriculture. ISSN 1979-4673 (2009) v. 2(2) p. 129-136, 5 ill., 1 table; 11 ref

CLIMATE; CLIMATIC CHANGE; SEASONS; CLIMATIC FACTORS; CLIMATIC ZONES; SEASONAL VARIATION; PHENOLOGY.

Q02 PENGOLAHAN DAN PENGAWETAN PANGAN / FOOD PROCESSING AND PRESERVATION

867 ABUBAKAR. Teknologi pascapanen untuk meningkatkan mutu dan keamanan pangan serta nilai tambah ternak itik menunjang pembangunan sub sektor peternakan. *Postharvest technology for improving quality and safety of food and value added duck supporting development livestock sub sector* / Abubakar (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2010) v. 6(1) p. 26-37, 3 tables; 45 ref.

DUCKS; POSTHARVEST TECHNOLOGY; QUALITY; FOOD SAFETY; VALUE ADDED; ECONOMIC DEVELOPMENT.

868 BADAN KETAHANAN PANGAN, JAKARTA.Sagu: percepatan penganeka ragaman konsumsi pangan. Jakarta : BKP, 2013.

SAGO; NUTRITIVE VALUE; PROCESSED PRODUCTS; FOOD TECHNOLOGY.

869 KUSTIARI, R. Teknologi pengolahan hasil untuk mengatasi masalah ketahanan pangan. *Agricultural product processing technology for coping with food secuirity* / Kustiari, R.; Sayaka, B.; Pasaribu, S.M. (Pusat Sosial Ekonomi dan Kebijakan Pertanian, Bogor). Prosiding seminar nasional era baru pembangunan pertanian: strategi mengatasi masalah pangan, bioenergi dan perubahan iklim, Bogor , 25 Nov 2010 / Hutabarat, B.; Rusastra, IW.; Jamal, E.(eds.). Bogor : PSEKP, 2011: p. 111-128, 1 ill., 3 tables; 8 ref. Appendices
63.001.6/SEM/p

FOOD SECURITY; AGRICULTURAL PRODUCTS; AGRICULTURAL DEVELOPMENT; PROCESSING; TECHNOLOGY; INNOVATION ADOPTION; CONSTRAINTS; PRODUCTS DEVELOPMENT; PROXIMATE COMPOSITION; CHEMICOPHYSICAL PROPERTIES; COST ANALYSIS.

870 SUHARDI. Pengaruh tepung kasava dari beberapa varietas ubikayu terhadap mutu kue cake. [*Effect of cassava flour from different*

varieties on the quality of cake] / Suhardi; Antarlina, SS. (Balai Pengkajian Teknologi Pertanian Jawa Timur, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor : Puslitbangtan, 2011: p. 549-557 , 3 tables; 11 ref.
633.34/.4-115.2/SEM/i

CASSAVA; VARIETIES; NONCEREAL FLOURS; CAKES; QUALITY; PROXIMATE COMPOSITION; ORGANOLEPTIC ANALYSIS; ORGANOLEPTIC PROPERTIES; COOKING; DURATION.

871 SUISMONO. Pengembangan model agroindustri tepung kasava fermentasi di Indonesia. [*Development of agroindustrial model of fermented cassava flour in Indonesia*] / Suismono; Broto, W.; Darniadi, S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor : Puslitbangtan, 2011: p. 558-569, 1 ill., 2 tables; 6 ref.
633.34/.4-115.2/SEM/i

CASSAVA; FLOURS; FERMENTATION; PROCESSING; AGROINDUSTRIAL SECTOR; ECONOMIC ANALYSIS; VALUE ADDED.

872 TRISNAWATI, W. Preferensi panelis produk kripik tortilla skala rumah tangga. *[Preferences of panelist on tortilla chips product at household scale*] / Trisnawati, W. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar). Bulletin Teknologi dan Informasi Pertanian BPTP Bali. ISSN 1693-1262 (2010) v. 8(23) p. 10-13, 1 ill., 3 tables; 3 ref.

MAIZE; PROCESSED PRODUCTS; FOODS; FOOD PROCESSING; COST ANALYSIS; ORGANOLEPTIC ANALYSIS

873 USMIATI, S. Seleksi dan optimasi proses produksi bakteriosin dari Lactobacillus sp.. *Selection and optimation of process of bacteriocin production from Lactobacillus sp*. / Usmiati, S.; Marwati, T. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Jurnal Penelitian Pascapanen Pertanian. ISSN 0216-1192 (2007) v. 4(1) p. 27-37 , 9 ill., 6 tables; 27 ref.

MEAT; MEAT PRODUCTS; LACTOBACILLUS; BACTERIOCINS; MICROBIOLOGICAL ANALYSIS; SELECTION; PROCESSED PRODUCTS.

874 UTAMI, H.,R. Pemanfaatan beberapa jenis ubi jalar dalam pembuatan tepung. *The use of several types of sweet potato making in flour* / Utami, H.,R.; Djaafar, T.F.; Iswadi, A. (Balai Pengkajian Teknologi Pertanian, Yogyakarta). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 Jun 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor : Puslitbangtan, 2011: p. 611-617, 1 ill., 2 tables; 10 ref.
633.34/.4-115.2/SEM/i

SWEET POTATOES; SPECIES; PROCESSING; NONCEREAL FLOURS; PROXIMATE COMPOSITION; CRUDE FIBRE; STARCH; INTERMEDIATE MOISTURE FOODS; CAROTENOIDS.

875 WANITA, Y.P. Peluang kacang lokal DIY, kerandang (*Canavalia virosa*) sebagai bahan subtitusi kedelai dalam pembuatan minuman fermentasi. *Opportunities of local peanuts DIY, tribal bean (Canavalia virosa) as soybean substitution material in making fermentation drink.* / Wanita, Y.P.; Djaafar, T.F.; Iswadi, A. (Balai Pengkajian Teknologi Pertanian Yogyakarta). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang, 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor: Puslitbangtan, 2011: p. 652-659, 5 tables; 15 ref.
633.34/.4-115.2/SEM/i

CANAVALIA; LEGUMINOSAE; SOYBEANS; PROCESSING; PROTEIN CONTENT; FERMENTED PRODUCTS; BEVERAGES; ORGANOLEPTIC PROPERTIES; CONSUMER BEHAVIOUR.

876 WIDOWATI, S. . *Reducing glicemix index of some rice varieties using parboiling process* / Widowati, S.; Santoso, B.A.S.; Soetiarso, T.A. (Balai Besar Pascapanen, Bogor). Indonesian Journal of Agriculture. ISSN 1979-4673 (2010) v.3 (2) p.104-111, 8 ill., 4 tables; 27 ref.

RICE; BOILING POINT; CHEMICAL COMPOSITION; PROXIMATE COMPOSITION; AMYLOSE; BLOOD SUGAR; QUALITY; DIABETES.

877 WIDOWATI, S. Teknologi pengolahan pangan fungsional berbasis padi. *Food processing technology of rice-based functional* / Widowati, S.; Lubis, S.; Hadipermata, M. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2010) v. 6(1) p. 38-50, 6 tables; 44 ref.

RICE; POSTHARVEST TECHNOLOGY; HEALTH FOODS; QUALITY; INSTANT FOODS; CHEMICOPHYSICAL PROPERTIES.

878 YULIANI, S. Pengaruh laju alir umpan dan suhu inlet spray drying pada karakteristik mikrokapsul oleoresin jahe. *Effect of feed flow rates and inlet temperatures of spray drying on the properties of encapsulated ginger oleoresin* / Yuliani, S.; Harimurti, N.; Yuliani, S.S. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor); Desmawarni. Jurnal Penelitian Pascapanen Pertanian. ISSN 0216-1192 (2007) v. 4(1) p. 18-26 , 8 ill., 2 tables; 19 ref.

GINGER; ZINGIBER OFFICINALE; OLEORESINS; MICROENCAPSULATION; SPRAY DRYING; FLOW RATE; TEMPERATURE; PHYSICAL STATES; CHEMICOPHYSICAL PROPERTIES.

Q03 KONTAMINASI DAN TOKSIKOLOGI PANGAN / FOOD CONTAMINATION AND TOXICOLOGY

879 NATALIA, L. *Effect of irradiation on the survival of bacterial contaminants in food* / Natalia, L.; Priadi, A. (Balai Besar Penelitian Veteriner, Bogor); Irawati, Z.. Indonesian Journal of Agriculture. ISSN 1979-4673 (2011) v. 4(1) p.46-51, 5 tables; 16 ref.

CHICKEN MEAT; COCONUT MILK; BEEF; FOOD SAFETY; SPORES; CLOSTRIDIUM; TEMPERATURE; IRRADIATION; ORGANOLEPTIC PROPERTIES.

880 WIDIASTUTI, R. Residu antibiotika spiramisin pada hati dan daging ayam pedaging yang dicekok antibiotika spiramisin. *Spiramycin residue in muscle and liver of chicken received spiramycin antibiotic administered orally* / Widiastuti, R.; Murdiati, T.B. (Balai Besar Penelitian Veteriner, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 741-745, 1 table; 10 ref.
636:619/SEM/p

BROILER CHICKENS; SPIRAMYCIN; ANTIBIOTIC RESIDUES; LIVER; MEAT.

Q04 KOMPOSISI PANGAN / FOOD COMPOSITION

881 ERDIANSYAH, N.P. Hubungan intensitas cahaya di kebun dengan profil cita rasa dan kadar kafein beberapa klon kopi Robusta. *Relationship between caffeine content and flavor with light intensity of several coffee Robusta clones* / Erdiansyah, N.P.; Yusianto (Pusat Penelitian Kopi dan Kakao Indonesia, Jember). Pelita Perkebunan. ISSN 0215-0212 (2012) v. 28(1) p. 14-22, 4 ill., 3 tables; 12 ref.

COFFEA CANEPHORA; CLONES; LIGHTING; SHADE; FLAVOUR; CAFFEINE; QUALITY.

882 MUNAWAR, H. Perbandingan standar multi elemen dan elemen tunggal untuk analisis kadar seng (Zn) pada daging ayam dan sapi. *Comparison of multi and single element standards used to analyze zinc (Zn) in chicken and beef* / Munawar, H. (Balai Besar Penelitian Veteriner, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor:

Puslitbangnak, 2012: p. 765-771, 4 ill., 4 tables; 15 ref.
636:619/SEM/p

CHICKEN MEAT; BEEF; ZINC; ELEMENTS; CHEMICAL COMPOSITION.

883 NUGROHO, D. Karakterisasi mutu fisik dan cita rasa biji kopi Arabika varietas Maragogip (*Coffea arabica* L. var maraogype Hort. ex Froehner) dan seleksi pohon induk di Jawa Timur. *Characterization of physical quality and flavour profile of Arabica coffee bean of Maragogype variety (Coffea arabica L., var. Maragogype Hort. Ex Froehner) and mother plant selection in East Java* / Nugroho, D.; Mawardi, S.; Yusianto; Arimarsetiowati, R. (Pusat Penelitian Kopi dan Kakao Indonesia, Jember). Pelita Perkebunan ISSN 0215-0212 (2012) v. 28(1) p. 1-13, 3 ill., 4 tables; 35 ref.

COFFEA ARABICA; VARIETIES; SELECTION; MOTHER PLANTS; QUALITY; FLAVOUR; JAVA.

884 RUMAHRUPUTE, B. Pengaruh konsentrasi tepung beras ketan terhadap mutu dodol pala. *Effect of glutinuous rice concentrate to the quality of nutmeg taffy* / Rumahrupute, B. (Balai Pengkajian Teknologi Pertanian Maluku, Ambon); Rumahrupute, C.. Jurnal Pengkajian dan Pengembangan Teknologi Pertanian. ISSN 1410-959X (2010) v. 13(1) p. 11-19, 8 ill., 23 ref.

NUTMEGS; RICE; FLOURS; PROCESSED PRODUCTS; CONCENTRATES; QUALITY; ASCORBIC ACID; ORGANOLEPTIC PROPERTIES; COLOUR; MOISTURE CONTENT.

885 SERAN, Y. L. Kacang hijau varietas fore Belu sebagai alternatif penyedia sumber gizi bagi masyarakat di lahan kering. [*Mungbean of fore Belu variety as alternative nutrient sources for community in dry land*] / Seran, Y.L.; Doa, A.; Triastono, J. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin; Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.). Bogor : Puslitbangtan, 2011: p. 525-531, 3 tables; 5 ref.
633.34/.4-115.2/SEM/i

MUNGBEANS; VARIETIES; TRACE ELEMENTS; AMINO ACIDS; PROXIMATE COMPOSITION; LYSINE; FAT RESTRICTED DIETS; NUTRITIONAL STATUS; FOOD CONSUMPTION; ARID ZONES

886 SURYANINGSIH, L. Potensi penggunaan tepung buah sukun terhadap kualitas kimia dan fisik sosis kuda. *Effect of breadfruit flour on chemical and physical quality of horse sausage* / Suryaningsih, L. (Universitas Padjadjaran, Sumedang, Jatinangor. Fakultas Peternakan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Kelonowati, E.; Pulungan, R.E.; Yunia, L. (eds.) . Bogor : Puslitbangnak, 2012: p. 442-447, 3 tables; 15 ref.
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HORSE MEAT; SAUSAGES; BREADFRUIT; FLOURS; PROTEIN CONTENT; MOISTURE CONTENT; CHEMICOPHYSICAL PROPERTIES; QUALITY.

887 WIJAYA, C.H. Prospek pengembangan flavor fungsional berbasis bahan baku indigenous Indonesia. *Prospects of functional flavour development of indigenous Indonesian plants* / Wijaya, C.H.; Silamba, I. (Institut Pertanian Bogor . Fakultas Teknologi Pertanian). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2010) v. 6(1) p. 1-16, 1 table; Bibliography: p. 9-16

FLAVOUR; HEALTH FOODS; LAND VARIETIES; INDONESIA.

888 YUSNAWAN, E. Metoda deteksi cepat protein kacang tanah menggunakan double antibody sandwich enzyme linked immunosorbent assay. [*Detection methods of peanuts protein by using double antibody sandwich enzyme linked immunosorbent assay*] / Yusnawan, E.; Rahmianna, A.A. (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang). Inovasi teknologi untuk pengembangan kedelai menuju swasembada: prosiding seminar nasional hasil penelitian tanaman aneka kacang dan umbi, Malang , 29 June 2010 / Adie, M.M.; Sholihin;

Rahmianna, A.A.; Tastra, I K.; Rozi, F.; Hermanto; Sulistyo, A.; Sumartini (eds.) . Bogor: Puslitbangtan, 2011: p. 486-495, 4 ill., 1 table; 16 ref.
633.34/.4-115.2/SEM/i

GROUNDNUTS; PROTEIN CONTENT; EXTRACTION; IMMUNOBLOTING; ELECTROPHORESIS; ANTIBODIES; ANTIGEN ANTIBODY REACTIONS; ELISA; METHODS.

Q05 ZAT TAMBAHAN PANGAN / FOOD ADDITIVES

889 ABUBAKAR. Pengaruh penambahan karagenan terhadap sifat fisik, kimia dan palatabilitas nugget daging itik lokal (*Anas platyrynchos*). *Physical, chemical and palatability characteristic of local duck (Anas platyrynchos) meat nugget with the addition of carrageenan* / Abubakar (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor); Suryati, T.; Aziz, A.. Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 787-800, 3 ill., 5 tables; 37 ref.
636:619/SEM/p

DUKS; DUCK MEAT; PROCESSED PRODUCTS; MEAT; CARRAGEENANS; CHEMICOPHYSICAL PROPERTIES; PALATABILITY; CONSUMER BEHAVIOUR.

890 WIJAYA, C.H. *Prospects of functional flavour development of indigenous Indonesian plants.*: Prospek pengembangan flavor fungsional berbasis bahan baku indigenous Indonesia / Wijaya, C.H.; Silamba, I. (Institut Pertanian Bogor. Fakultas Teknologi Pertanian). Buletin Teknologi Pasca Panen Pertanian. ISSN 1858-3504 (2010) v.6(1) p. 1-16., 1 table; 20 ref.

FLAVOUR; HEALTH FOODS; INDIGENOUS ORGANISMS; PRODUCT DEVELOPMENT; INDONESIA.

Q53 KONTAMINASI DAN TOKSIKOLOGI PAKAN / FEED CONTAMINATION AND TOXICOLOGY

891 AHMAD, R.Z. Dinamika populasi cendawan dalam pakan unggas menghadapi anticendawan. *Population dynamics of fungi in poultry feed against some antifungal* / Ahmad, R.Z. (Balai Besar Penelitian Veteriner, Bogor). Prosiding seminar nasional teknologi peternakan dan veteriner 2011, Bogor, 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardha, A.H.; Darmayanti, N.L.P.I. (eds.). Bogor : Puslitbangnak, 2012: p. 746-752, 2 ill., 1 table; 17 ref.
636:619/SEM/p

POULTRY; FEEDS; CONTAMINATION; FUNGI; POPULATION DYNAMICS; ANTIFUNGAL PROPERTIES.

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

892 DASWIR. Teknologi pengolahan tanaman gambir. Processing technology on gambir plant / Daswir (Balai Penelitian Tanaman Obat dan Aromatik, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(1) p. 27-31, 7 ill., 1 table; 10 ref.

UNCARIA GAMBIR; PROCESSING; TECHNOLOGY; EQUIPMENT PERFORMANCE; EXTRACTION.

893 HERMANI. Pemilihan pelarut pada pemurnian ekstrak lengkuas (*Alpinia galanga*) secara ekstraksi. *Selection of solvent on purification of galangal (Alpinia galanga) extract by solvent extraction* / Hermani; Marwati, T.; Winarti, C. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Jurnal Penelitian Pascapanen Pertanian. ISSN 0216-1192 (2007) v. 4(1) p. 1-8 , 4 ill., 6 tables; 40 ref.

ALPINIA GALANGA; EXTRACTS; SOLVENT EXTRACTION; PURIFICATION; EVAPORATION; PROCESSING; CHEMICOPHYSICAL PROPERTIES.

894 HERNANI. Aspek pengeringan dalam mempertahankan kandungan metabolit sekunder pada tanaman obat. *Drying aspects*

in preserving the secondary metabolite content in medical plants / Hernani; Nurdjanah, R. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(2) p. 33-39, 38 ref.

DRUG PLANTS; DRYING; TEMPERATURE; QUALITY; COLOUR; BIOLOGICAL CONTAMINATION; FLAVONOIDS; CHLOROPHYLLS.

Q70 PENGOLAHAN LIMBAH PERTANIAN / PROCESSING OF AGRICULTURAL WASTES

895 MUNIER, F.F. Aktivitas pertumbuhan *Aspergillus ficuum* dalam proses fermentasi pada media cacahan kulit buah kakao (*Theobroma cacao* L.). *Growth activity of Aspergillus ficuum in fermentation of chopped cocoa pod husk (Theobroma cacao L.*) / Munier, F.F. (Universitas Gadjah Mada, Yogyakarta. Pascasarjana Program studi Peternakan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 508-514, 1 ill., 3 tables; 23 ref.
636+619/SEM/p

COCOA HUSKS; FERMENTATION; ASPERGILLUS; DURATION; MYCELIUM; SPORES; MOISTURE CONTENT; PH; TEMPERATURE; FEEDS.

896 MUNIER, F.F. Evaluasi karakteristik silase campuran kulit jagung dan daun lamtoro (*Leucaena leucochepala*) tanpa dan dengan molases. *Characteristic evaluation of silage of corn husk and leucaena (Leucaena leucochepala) mixture with or without molasses* / Munier, F.F. (Universitas Gadjah Mada, Yogyakarta. Pascasarjana Program studi Peternakan). Prosiding seminar nasional teknologi peternakan dan veteriner, Bogor , 7-8 Jun 2011 / Prasetyo, L.H.; Damayanti, R.; Iskandar, S.; Herawati, T.; Priyanto, D.; Puastuti, W.; Anggraeni, A.; Tarigan, S.; Wardhana, A.H.; Darmayanti, N.L.P.I. (eds.) . Bogor: Puslitbangnak, 2012: p. 515-521, 4 tables; 24 ref.
636+619/SEM/p

MAIZE; HUSKS; LEUCAENA LEUCOCEPHALA; MOLASES; SILAGE; CHEMICOPHYSICAL PROPERTIES; PH; FEEDS.

897 WIRATNO. Prospek pemanfaatan limbah nilam untuk menunjang pertanian organik . *Prospects of utilization of patchouli by products to support organic farming system* / Wiratno; Mardiningsih, T.L.; Siswanto; Djazuli, M. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor). Perkembangan Teknologi Tanaman Rempah dan Obat. ISSN 1829-6289 (2009) v. 21(1) p. 22-26, 2 tables; 37 ref.

POGOSTEMON CABLIN; AGRICULTURAL WASTES; MULCHES; USES; FERTILIZERS; PEST CONTROL; ORGANIC FERTILIZERS; ORGANIC ACIDS; CHEMICOPHYSICAL PROPERTIES.

U10 METODE MATEMATIKA DAN STATISTIKA / MATHEMATICAL AND STATISTICAL METHODS

898 WARDIANA, E. *Reviewing relationships among variables by using structural equation modeling (SEM)*: Menelaah saling keterkaitan antar peubah melalui penggunaan model persamaan struktural (MPS) / Wardiana, E. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi). Buletin Riset Tanaman Rempah dan Aneka Tanaman Industri. ISSN 2085-1685 (2010) v. 6(1) p. 325-3337., 8 ill., 1 table; 21 ref.

STATISTICAL METHODS; STRUCTURAL EQUATION MODELING; PATH ANALYSIS.

U40 METODE SURVEI / SURVEYING METHODS

899 SHOFIYANTI, R. Teknologi pesawat tanpa awak untuk pemetaan dan pemantauan tanaman dan lahan pertanian. *Unmanned aircraft technology for agricultural land mapping and monitoring* / Shofiyanti, R. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Informatika Pertanian 0852-1743 (2011) v. 20(2) p. 58-64, 5 ill., 1 table; 25 ref.

AGRICULTURE; FARMLAND; REMOTE

SENSING; CARTOGRAPHY; MONITORING; SATELLITES.

900 SHOFIYANTI, R. Integrasi multi resolusi citra satelit dengan metode sederhana untuk memonitor kondisi lahan. *Integration of multiresolution of satellite images for land condition monitoring* / Shofiyanti, R. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor). Informatika Pertanian. ISSN 0852-1743 (2010) v.19(2) p. 109-124, 6 ill., 1 table; 14 ref.

FARMLAND; IMAGERY; SATELLITES; CARTOGRAPHY; METHODS; REMOTE SENSING; ARID ZONES.

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