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Ir. Farid Hasan Baktir, M.Ec

Kepala Pusat Perpustakaan dan Penyebaran Teknologi Pertanian

Penyusun :

Hendrawaty
Tuti Sri Sundari
Kurniati
Irfan Suhendra

Alamat Redaksi :

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

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

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ARACHIS HYPOGAEA; CULTURAL METHODS; CULTIVATION; TECHNOLOGY TRANSFER; AGRONOMIC CHARACTERS; YIELD COMPONENTS; SOCIOECONOMIC ENVIRONMENT; FARM INCOME; SULAWESI.

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ORYZA SATIVA; IRRIGATED RICE; HIGH YIELDING VARIETIES; YIELDS; PRODUCTION LOCATION; MALUKU.

669 SUDIBYO, N. Pengaruh kerapatan tanaman jarak pagar terhadap pertumbuhan dan hasil pada tahun pertama. [Effect of plant density on *Jatropha curcas* L. growth and yield in the first year production]/ Sudibyo, N.; Lestari; Djumali (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 314-322, 5 ill., 2 tables; 6 ref. Appendices.
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JATROPHA CURCAS; PLANTING; SPACING; GROWTH; YIELD COMPONENTS.

670 SUISMONO. Pengaruh metode pengukuran terhadap tingkat kehilangan hasil padi pada tahap pemanenan. [Effect of measure method on the rice yield loss level at harvesting stage]/ Suismono; Nugraha, S.; Broto, W. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 149-156, 2 ill., 5 tables; 10 ref.
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HEVEA BRASILIENSIS; CULTIVATION; DISEASE CONTROL; AGROINDUSTRIAL SECTOR; TAPPING; EQUIPMENT.

672 SYAHID, S.F. Pengaruh media dan zat pengatur tumbuh terhadap multiplikasi tunas selasih (*Ocimum basilicum*) in vitro. Effect of media and growth regulator on shoot multiplication of ocimum (*Ocimum basilicum*) in vitro/ Syahid, S.F.; Hadipoentyanti, E. (Balai Penelitian Tanaman obat dan Aromatika, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) ISSN 0853-8212 (2006) v. 12(1) p. 15-19.

OCIMUM BASILICUM; IN VITRO; PLANT GROWTH SUBSTANCES; GROWING MEDIA; SHOOTS; GROWTH.

673 TJAHJANA, B.E. Pengaruh zat pengatur tumbuh rootone F terhadap pertumbuhan bibit jarak pagar (*Jatropha curcas* L.). [Effect of plant growth substances rootone F on *Jatropha curcas* seedling growth]/ Tjahjana,

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ARACHIS HYPOGAEA; CULTURAL METHODS; FARMING SYSTEMS; DRY FARMING; HUMID CLIMATE; LAND PRODUCTIVITY; LAND IMPROVEMENT; TECHNOLOGY TRANSFER; FARM INCOME.

F02 PERBANYAKAN TANAMAN / PLANT PROPAGATION

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633.853.3-117/LOK/p c2

JATROPHA CURCAS; SHOOTS; VEGETATIVE PROPAGATION; CUTTINGS; GROWTH; ROOTING; PLANT GROWTH SUBSTANCES.

677 HARIYONO, B. Pengaruh bagian setek batang dan diameter polibag terhadap pertumbuhan bibit tanaman jarak pagar (*Jatropha curcas* L.). [Effect of branch part of cuttings and polybag diameter on *Jatropha curcas* seedlings growth]/ Hariyono, B.; Istiana, H. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 269-279, 7 ill., 20 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; SEEDLINGS; CUTTINGS; BRANCHES; PLANT CONTAINERS; PLASTICS; DIMENSIONS; GROWTH.

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633.853.3-117/LOK/p c2

JATROPHA CURCAS; SEEDLINGS; PLANT CONTAINERS; PLASTICS; DIMENSIONS; COLOUR; GROWTH.

679 JUSWARDI. Akumulasi prolin pada kultur antera padi setelah praperlakuan cekaman manitol sebagai upaya perbaikan sifat tanaman secara *in vitro*. [Proline accumulation on rice anther culture after mannitol stress pretreatment as an effort for improving crops characteristic by *in vitro*]/ Juswardi (Universitas Sriwijaya, Palembang (Indonesia). Fakultas Matematika dan Ilmu Pengetahuan Alam). Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 119-125, 2 ill., 1 table; 11 ref.
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ORYZA SATIVA; ANTHER CULTURE; MANNITOL; PROLINE; IN VITRO.

680 MULYANINGSIH, S. Pengaruh posisi asal dan panjang setek, serta ZPT terhadap pertumbuhan setek batang pada tanaman jarak pagar (*Jatropha curcas* L.). [Effect of stem branches position, cuttings length, and plant growth substances on *Jatropha curcas* cuttings growth]/ Mulyaningsih, S.; Djumali; Hariyanto, B. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 263-268, 3 tables; 7 ref.
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JATROPHA CURCAS; SEEDLINGS; CUTTINGS; BRANCHES; HEIGHT; PLANT GROWTH SUBSTANCES; GROWTH.

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ORYZA SATIVA; FARMING SYSTEMS; YIELDS; CULTIVATION; COST BENEFIT ANALYSIS; SWAMP SOILS; KALIMANTAN.

682 PURWATI, R.D. Regenerasi tunas tanaman jarak pagar (*Jatropha curcas* L.) secara *in vitro*. [Shoot regeneration of *Jatropha curcas* L. by *in vitro* culture]/ Purwati, R.D.; Basuki, S.; Kadarsih, S.A. (Balai Penelitian Tanaman Tembakau dan Serat, Malang (Indonesia)); Supriadi. Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 323-327, 3 ill., 2 tables; 15 ref.
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JATROPHA CURCAS; PLANT PROPAGATION; SHOOTS; IBA; IN VITRO CULTURE.

683 RUSMIN, D. Pengaruh batang atas dan bawah terhadap keberhasilan penyambungan jambu mete (*Anacardium occidentale* L.). Effect of scion and root stock on successful grafting of cashew plant/ Rusmin, D.; Sukarman; Melati (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) ISSN 0853-8212 (2006) v. 12(1) p. 32-37, 6 tables; 13 ref.

ANACARDIUM OCCIDENTALE; CLONES; GRAFTING; ROOTSTOCKS; SCIONS; GROWTH.

684 SAEFUDIN. Pengaruh panjang setek terhadap pertumbuhan bibit jarak pagar (*Jatropha curcas* L.). [Effect of cuttings length on *Jatropha curcas* growth]/ Saefudin; Ferry, Y.; Herman, M. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding

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JATROPHA CURCAS; SEEDLINGS; CUTTINGS; HEIGHT; GROWTH.

685 TRESNIAWATI, C. Pengaruh panjang dan diameter setek terhadap pertumbuhan bibit jarak pagar (*Jatropha curcas* L.). [Effect of cuttings length and diameter on *Jatropha curcas* seedling growth]/ Tresniawati, C.; Saefudin (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 248-251, 4 tables; 3 ref.
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JATROPHA CURCAS; SEEDLINGS; CUTTINGS; DIAMETER; HEIGHT; GROWTH.

686 YUNIYATI, N. Pengaruh diameter setek terhadap pertumbuhan bibit jarak pagar (*Jatropha curcas* L.). [Effect of cuttings diameter on *Jatropha curcas* seed growth]/ Yuniyati, N.; Prabowo, D. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 244-247, 2 tables; 7 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; SEEDLINGS; CUTTINGS; DIAMETER; GROWTH.

F03 PRODUKSI DAN PERLAKUAN BENIH / SEED PRODUCTION AND PROCESSING

687 BUDIARTI, T. Komersialisasi varietas unggul dan perbenihan kedelai di Indonesia. [Commercialization of soybean high yielding varieties and seed in Indonesia]/ Budiarti, T.; Hadi, S. (Institut Pertanian Bogor (Indonesia). Fakultas Pertanian). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 350-361, 3 ill., 4 tables; 13 ref.

GLYCINE MAX; HIGH YIELDING VARIETIES; SEED; QUALITY; SEED PRODUCTION; SEED CERTIFICATION; BREEDERS SEED; MARKETING; INDONESIA.

688 HADI, H. Dukungan pusat penelitian karet dalam penyiapan benih karet. [Rubber research center support in preparing rubber seed]/ Hadi, H.; Anwar, C. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2006) v. 25(1) p. 1-12, 2 tables; 11 ref.

HEVEA BRASILIENSIS; REPLANTING; SEED; POLICIES; CLONES.

689 NANCY, C. Kebutuhan dan potensi bibit karet di Provinsi Sumatera Selatan. [Requirement and potency of rubber seedlings in South Sumatra Province]/ Nancy, C. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2006) v. 25(2) p. 24-34, 7 tables; 6 ref.

HEVEA BRASILIENSIS; HIGH YIELDING VARIETIES; SEEDLINGS; QUALITY; SUMATRA.

690 PRAWOTO, A. Uji alelopati spesies tanaman penaung terhadap bibit kopi arabika (*Coffea arabica* L.). Study of allelopathy of some shade trees to *Coffea arabica* L. seedlings/ Prawoto, A.; Nur, A.M. (Pusat Penelitian Kopi dan Kakao Indonesia, Jember (Indonesia)); Soebagiyo, S.W.A.; Zaubin, M. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2006) v. 22(1) p. 1-12, 5 tables; 20 ref.

COFFEA ARABICA; SEEDLINGS; SHADE PLANTS; CASSIA; MACADAMIA TERNIFOLIA; CINNAMOMUM BURMANNI; ALLELOPATHY; MINERALS.

691 ROSITA. S.M.D. Pengaruh pupuk kasting dan macam benih terhadap pertumbuhan, produksi dan mutu jahe muda. Effect of

casting fertilizer and types of seeds on growth, yield and quality of young ginger/ Rosita. S.M.D.; Darwati, I.; Moko, H. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) ISSN 0853-8212 (2006) v. 12(1) p. 7-14, 1 ill., 10 tables; 11 ref.

ZINGIBER OFFICINALE; ORGANIC FERTILIZERS; SEED; GROWTH; YIELDS; QUALITY; NUTRIENT UPTAKE.

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ORYZA SATIVA; VARIETIES; SEED PRODUCTION; INNOVATION; SELECTION; TECHNOLOGY TRANSFER; SEED CERTIFICATION; AGRONOMIC CHARACTERS.

F04 PEMUPUKAN / FERTILIZING

693 ANWAR, K. Pengaruh pemberian pupuk NPK dan bahan amelioran terhadap hasil padi pada lahan sulfat masam. [Effect of NPK fertilizers and ameliorant application on the yield of rice in acid sulphate soil]/ Anwar, K.; Nurita; Simatupang, S. Prosiding seminar nasional sumberdaya lahan pertanian, Bogor, 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 297-308, 3 tables; 7 ref.
631.4/SEM/p

ORYZA SATIVA; NPK FERTILIZERS; SOIL CHEMICOPHYSICAL PROPERTIES; DOLOMITE; YIELDS; YIELD COMPONENTS; KALIMANTAN.

694 ARSANA, I G.K.D. Pengkajian pemberian pupuk organik kotoran babi terhadap pertumbuhan dan hasil ubi kayu dan ubi jalar di Bali. [Assessment of pig manure application on the growth and yield of cassava and sweet potato in Bali]/ Arsana, I G.K.D.; Adijaya, I N.; Yasa, I M.D.R. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 451-457, 4 tables; 5 ref.

MANIHOT ESCULENTA; IPOMOEA BATATAS; ORGANIC FERTILIZERS; BIODEGRADATION; FARMYARD MANURE; FERTILIZER APPLICATION; APPLICATION RATES; YIELD INCREASES; YIELD COMPONENTS; BALI.

695 DARAS, U. Pengaruh pemupukan terhadap pertumbuhan dan produksi jambu mete di Lombok. Effect of fertilizer application on the growth and yield of cashew in Lombok/ Daras, U.; Pitono, J. (Balai Penelitian Tanaman Rempah dan Obat, Bogor (Indonesia)). Jurnal Penelitian Tanaman Industri (Indonesia) ISSN 0853-8212 (2006) v. 12(1) p. 20-26, 1 ill., 4 tables; 19 ref.

ANACARDIUM OCCIDENTALE; NPK FERTILIZERS; GROWTH; YIELDS; NUSA TENGGARA.

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POTASH FERTILIZERS; THEOBROMA CACAO; FOLIAR APPLICATION; FLOWERING; FRUITING.

697 GOENADI, D.H. Aplikasi bioaktivator SuperDec dalam pengomposan limbah padat organik tebu. Application of SuperDec bio-activator in composting sugar cane solid organic wastes/ Goenadi, D.H.; Santi, L.P. (Balai Penelitian Bioteknologi Perkebunan Indonesia, Bogor (Indonesia)). Buletin Agronomi (Indonesia) ISSN 0216-3403 (2006) v. 34(3) p. 173-180, 2 ill., 5 tables; 10 ref.

SUGARCANE; SOLID WASTES; ORGANIC WASTES; COMPOSTING; PHANEROCHAETE; TRICHODERMA; CHRYSOSPORIUM; NPK FERTILIZERS; COMPOUND FERTILIZERS; FERTILIZER APPLICATION; PRODUCTION COSTS.

698 HASIBUAN, A.M. Pengaruh jenis bahan organik terhadap pertumbuhan awal jarak pagar (*Jatropha curcas* L.). [Effect of organic matter type on earlier *Jatropha curcas* growth]/ Hasibuan, A.M.; Pranowo, D. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 280-284, 2 tables; 11 ref.
633.853.3-117/LOK/p c2

JATROPHA CURCAS; SEEDLINGS; ORGANIC MATTER; COMPOSTS; GREEN MANURES; GROWTH.

699 INDRASARI, A. Pengaruh pemberian pupuk kandang dan unsur hara mikro terhadap pertumbuhan jagung pada Ultisol yang dikapur. [Effect of farmyard manure and micronutrient on the growth of maize in limed Ultisol]/ Indrasari, A.; Syukur, A. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Jurnal Ilmu Tanah dan Lingkungan (Indonesia) ISSN 0853-6368 (2006) v. 6(2) p. 116-123, 8 tables; 10 ref.

ZEA MAYS; GROWTH; ORGANIC FERTILIZERS; MICRONUTRIENT FERTILIZERS; LIMING; ACRISOLS.

700 ISTIANTO. Daur hara di perkebunan karet dan pemupukan tanaman karet menggunakan pukalet. [Nutrient cycle and fertilization in rubber plantation]/ Istianto. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2006) v. 25(1) p. 50-62, 14 tables; 7 ref.

HEVEA BRASILIENSIS; NUTRIENTS; ORGANIC FERTILIZERS; NUTRIENT UPTAKE; ROOTSTOCKS.

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F08 POLA TANAM DAN SISTEM PERTANAMAN / CROPPING PATTERNS AND SYSTEMS

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631.152/SEM/p bk1

ORYZA SATIVA; CROP MANAGEMENT; INTEGRATED PLANT PRODUCTION; AGROPASTORAL SYSTEMS; AGROINDUSTRIAL SECTOR; PRODUCTION INCREASE; TECHNOLOGY TRANSFER; FARM INCOME; SUMATRA.

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633.1/.9:636/SEM/p

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730 SUPRIHATI. Fluks metana dan karakteristik tanah pada beberapa macam sistem budi daya. Methane flux and soil characteristic in several cropping systems/

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F30 GENETIKA DAN PEMULIAAN TANAMAN / PLANT GENETICS AND BREEDING

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F60 FISIOLOGI DAN BIOKIMIA TANAMAN/PLANT PHYSIOLOGY AND BIOCHEMISTRY

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F61 FISIOLOGI TANAMAN – HARA / PLANT PHYSIOLOGY – NUTRITION

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F62 FISIOLOGI TANAMAN – PERTUMBUHAN DAN PERKEMBANGAN / PLANT PHYSIOLOGY – GROWTH AND DEVELOPMENT

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SORGHUM BICOLOR; SEED; GERMINATION; SEED TREATMENT; OSMOTIC STRESS; SALINITY.

F70 TAKSONOMI TANAMAN DAN SEBARAN GEOGRAFIS / PLANT TAXONOMY AND GEOGRAPHY

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FICUS; DRUG PLANTS; TRADITIONAL MEDICINES; SPERMATOPHYTA; PLANT INTRODUCTION; CULTIVATION; KALIMANTAN.

765 WARDAH. Pemanfaatan tumbuhan pada masyarakat Kasepuhan Desa Cisungsang di kawasan Taman Nasional Gunung Halimun Kabupaten Lebak Banten. Plants utilization by Kasepuhan society in Cisungsang Village at Gunung Halimun National Park, Lebak Regency, Banten/ Wardah (Pusat Penelitian Biologi, Bogor (Indonesia)). Berita Biologi (Indonesia) ISSN 0126-1754 (2005) v. 7(6) p. 323-332, 2 ill., 6 tables; 8 ref.

PLANTS; NATURE CONSERVATION; TRADITIONAL FARMING; MULTIPLE

USE FORESTRY; RESOURCE MANAGEMENT; ETHNIC GROUPS; JAVA.

H10 HAMA TANAMAN / PESTS OF PLANTS

766 ASMALIYAH. Efikasi beberapa jenis insektisida terhadap hama pemakan daun pada tanaman pulai darat. Efficacy of some types of insecticides for leaf eating pest on pulai darat plantation/ Asmaliyah; Utami, S.; Yudhistira (Balai Penelitian dan Pengembangan Hutan Tanaman, Palembang (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(2) p. 83-91, 1 ill; 4 tables; 13 ref.

LEAF EATING INSECTS; INSECTICIDES; EFFICIENCY; INSECT CONTROL; LARVAE; ALSTONIA.

767 BALIADI, Y. Identifikasi dan distribusi spesies nematoda parasit Rotylenchulus dan Meloidogyne di Sulawesi Selatan dan Jawa Timur. [Identification and distribution of parasitic nematode species Rotylenchulus and Meloidogyne in South Sulawesi and East Java]/ Baliadi, Y. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 562-570, 3 ill., 4 tables; 20 ref.
633.31/.4-152.7/SEM/p

GLYCINE MAX; IPOMOEA BATATAS; ROTYLENCHULUS RENIFORMIS; MELOIDOGYNE ARENARIA; MELOIDOGYNE GRAMINICOLA; MELOIDOGYNE INCOGNITA; MELOIDOGYNE JAVANICA; PLANT NEMATODES; IDENTIFICATION; GEOGRAPHICAL DISTRIBUTION; POPULATION DENSITY; SULAWESI; JAVA.

768 BALIADI, Y. Nematoda parasit pada tanaman palawija di lahan kering Indonesia. Plant parasitic nematodes of secondary crops (palawija) on dryland in Indonesia/ Baliadi, Y.; Pujiono, H.A. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)); Nakasono, K.; Minagawa, N. Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 552-561, 4 tables; 20 ref.
633.31/.4-152.7/SEM/p

FOOD CROPS; PLANT NEMATODES; MELOIDOGYNE; PRATYLENCHUS; HETERODERA; DITYLENCHUS; TYLENCHULUS; ROTYLENCHULUS; XIPHINEMA; HELICOTY LENCHUS; IDENTIFICATION; ARID ZONES; INDONESIA.

769 HARJAKA, T. Infeksi jamur *Metharhizium anisopliae* pada ulat daun kubis *Plutella xylostella*. [Infection on *Metarhizium anosopliae* on *Plutella xylostella*]/ Harjaka, T.; Harsojo, A.; Mahrub, E. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta, 15 Sep 2006. Yogyakarta: UGM, 2006: p. 206-211, 2 ill; 1 table; 10 ref.
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770 HARJAKA, T. Isolasi jamur entomopatogenik *Metarhizium anisopliae* pada hama uret perusak akar padi gogo. [Isolation of entomopathogenic fungi *Metarhizium anisopliae* to *Phillophaga helleri* on up land rice]/ Harjaka, T. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta, 15 Sep 2006. Yogyakarta: UGM, 2006: p. 200-205, 2 ill; 5 ref.
631.001.6/SEM/r

ORYZA SATIVA; PHYLLOPHAGA; ROOT EATING INSECTS; ISOLATION TECHNIQUES; ENTOMOGENOUS FUNGI; METARHIZIUM ANISOPLIAE; PATHOGENESIS; MORTALITY.

771 RUSMINI, W. Hama pada tanaman jarak pagar (*Jatropha curcas* L.). [Pests of *Jatropha curcas* L.]/ Rusmini, W.; Karmawati, E. (Pusat Penelitian dan Pengembangan Perkebunan, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 300-304, 1 table; 12 ref.
633.853.3-117/LOK/p c2

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

772 SRI-SUKAMTO. Pengaruh suhu penyimpanan terhadap viabilitas *Beauveria bassiana* (Bals.) Vuill. dalam beberapa pembawa. Effect of storage temperature on *Beauveria bassiana* (Bals) Vuill. viability on several carriers/ Sri-Sukamto (Pusat Penelitian Kopi dan Kakao Indonesia, Jember (Indonesia)); Yuliantoro, K.. Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2006) v. 22(1) p. 40-56, 5 ill., 5 tables; 22 ref.

BEAUVERIA BASSIANA; VIABILITY; STORAGE; TEMPERATURE; CARRIER STATE.

773 SUASTIKA, I B.K. Masalah hama-penyakit padi dan penerapan pengendalian hama terpadu di Bali. [Problems of pest and disease of rice and its integrated control in Bali]/ Suastika, I B.K.; Kamandalu, A.A.N.B. (Balai Pengkajian Teknologi Pertanian Bali, Denpasar (Indonesia). Bulletin Teknologi dan Informasi Pertanian BPTP Bali (Indonesia) ISSN 1693-1262 (2007) v. 5(16) p. 28-34 , 2 ill., 1 table; 19 ref.

ORYZA SATIVA; PESTS OF PLANTS; PLANT DISEASES; INTEGRATED CONTROL; BALI.

774 TENGKANO, W. Pengaruh lampu listrik terhadap tingkat parasitisme *Trissolcus basalis* Wollaston pada telur hama pengisap polong kedelai. [Effect of electric light on *Trissolcus basalis* Wollaston parasitism of pod sucking bug eggs on soybean]/ Tengkano, W. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 491-498, 2 tables; 23 ref.

GLYCINE MAX; FRUIT DAMAGING INSECTS; BIOLOGICAL CONTROL AGENTS; TRISSOLCUS; PARASITISM; ELECTRICAL ENERGY; LIGHT; POPULATION GROWTH.

775 TENGKANO, W. Status hama kedelai dan musuh alami di lahan kering masam Lampung. [Soybean pests status and their natural enemies in acid dryland in Lampung]/ Tengkano, W.; Supriyatin; Suharsono; Bedjo; Yusmani P.; Purwantoro (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 511-526, 4 tables; 18 ref.

GLYCINE MAX; PEST SURVEYS; RIPTORTUS; NEZARA VIRIDULA; PIEZODORUS; ETIELLA ZINCKENELLA; HELICOVERPA ARMIGERA; SPODOPTERA LITURA; BEMISIA TABACI; NATURAL ENEMIES; ARID ZONES; ACID SOILS; SUMATRA.

776 TENGKANO, W. Ulat grayak *Spodoptera litura* Fabricius (Lepidoptera: noctuidae) pada tanaman kedelai dan pengendaliannya. [Soybean armyworm (*Spodoptera litura*) and its control]/ Tengkano, W.; Suharsono (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Buletin Palawija (Indonesia) ISSN 1693-1882 (2005) (no. 10) p. 43-52, 1 table; Bibliography: p. 50-52

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777 WIDIARTA, I N. Wereng hijau (*Nephotettix virescens* Distant): dinamika populasi dan strategi pengendaliannya sebagai vektor penyakit tungro. Green leaf hopper (*Nephotettix virescens* Distant): its population dynamic and control strategy as vector of

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ORYZA SATIVA; NEPHOTETTIX VIRESCENS; POPULATION DYNAMICS; VECTORS; TUNGRO DISEASE.

778 WIRYADIPUTRA, S. Keefektifan pestisida nabati daun ramayana (*Cassia spectabilis*) dan tembakau (*Nicotiana tabacum*) terhadap hama utama tanaman kopi dan pengaruhnya terhadap arthropoda lainnya. Effectiveness of biopesticide derived from *Cassia spectabilis* and *Nicotiana tabacum* leaves against the main insect pests of coffee and its effect on other arthropods/ Wiryadiputra, S. (Pusat Penelitian Kopi dan Kakao Indonesia, Jember (Indonesia)). Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2006) v. 22(1) p. 25-39, 3 ill., 4 tables; 24 ref.

COFFEA; PESTS INSECTS; BOTANICAL PESTICIDES; NICOTIANA TABACUM; CASSIA; HYPOTHENEMUS HAMPEI; PLANOCOCCUS CITRI; ARTHROPODA.

H20 PENYAKIT TANAMAN / PLANT DISEASES

779 HARDANINGSIH, S. Penyakit tanaman kedelai di lahan masam Lampung dan Sumatera Selatan. Soybean diseases in acid soil in Lampung and South Sumatra/ Hardaningsih, S. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 571-579, 3 tables; 9 ref. Appendices.

GLYCINE MAX; DISEASE SURVEILLANCE; DOMINANT SPECIES; COLLETOTRICHUM DEMATIUM; CORYNESPORA CASSIICOLA; PHAKOPSORA PACHYRHIZI; CORTICIUM ROLFSII; CERCOSPORA SOJINA; DISEASE SURVEYS; ACID SOILS; SUMATRA.

780 LESTARI, E.G. Perbaikan ketahanan tanaman panili terhadap penyakit layu melalui kultur *in vitro*. Improvement of vanilla from wilt disease through *in vitro* culture/ Lestari, E.G.; Sukmadjaja, D.; Mariska, I. (Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumberdaya Genetik Pertanian, Bogor (Indonesia)). Jurnal Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4418 (2006) v. 25(4) p. 149-153, 3 tables; 28 ref.

VANILLA PLANIFOLIA; FUSARIUM OXYSPORUM; SOMACLONAL VARIATION; EMBRYO CULTURE; IN VITRO CULTURE; DISEASE RESISTANCE.

781 NASUTION, A. Variasi ketahanan galur padi rawa terhadap penyakit blas. [Variation of swamp rice line resistance to blast disease]/ Nasution, A.; Santoso; Kustianto, B. (Balai Besar Penelitian Tanaman Padi, Sukamandi (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas, 3-4 Aug 2007. Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 391-398, 2 tables; 10 ref.
631.445.9/SEM/p bk1

ORYZA SATIVA; BLIGHT; DISEASE RESISTANCE; SWAMP SOILS.

782 NGATIMAN. Penyakit bercak daun pada tanaman Ekaliptus. Attack of leaf spot disease on Eucalyptus/ Ngatiman (Balai Penelitian dan Pengembangan Kehutanan, Kalimantan (Indonesia)); Anggraeni, I. Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(3) p. 183-191, 2 ill., 3 tables; 12 ref.

EUCALYPTUS UROPHYLLA; SPOTS; PATHOGENS; SPHAEROPSIS; SYMPTOMS; DISEASE TRANSMISSION; IDENTIFICATION.

783 PRAPTANA, R.H. Kultur teknis dalam pengendalian penyakit tungro. [Tungro disease control by culture technique]/ Praptana, R.H. (Balai Penelitian Penyakit Tungro, Lanrang (Indonesia)); Thamrin, T. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan

nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 168-174, 19 ref. 633.1/.4-115.2/SEM/p bk1

ORYZA SATIVA; TUNGRO DISEASE; DISEASE CONTROL; SUMATRA.

784 SALEH, N. Tingkat ketahanan empat varietas unggul kacang tanah terhadap infeksi cowpea mild mottle virus. [Resistance level of four groundnut high yielding varieties to cowpea mild mottle virus infection]/ Saleh, N.; Baliadi, Y. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)); Candrawati, M.; Hadiastono, T.; Rasminah, S.; Hadi, M. Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 499-510, 5 ill., 7 tables; 12 ref.

ARACHIS HYPOGAEA; HIGH YIELDING VARIETIES; DISEASE RESISTANCE; VIROSES; INFECTIOUS DISEASES; INFECTION; DISEASE TRANSMISSION; YIELD COMPONENTS.

785 SARAGIH, Y.S. Isolasi dan identifikasi spesies fusarium penyebab penyakit layu pada tanaman markisa asam. Isolation and identification fusarium species causing wilt disease on passion fruit plant/ Saragih, Y.S.; Silalahi, F.H. (Kebun Percobaan Tanaman Buah Berastagi, Medan (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 336-344, 3 ill., 3 tables; 16 ref.

PASSIFLORA EDULIS; FUSARIUM; WILTS; IDENTIFICATION; ISOLATION.

786 SATRIA-DARSA, J. Komponen tumbuh dan hubungan di antara komponen tumbuh jeruk rough lemon terinfeksi CVPD (Citrus Vein Phloem Degeneration) yang diberi zat pengatur tumbuh asam naftalen asetat. Growth components and their relationships of citrus RL (rough lemon) infected by CVPD treated with NAA (naphthalene acetic acid)/ Satria-Darsa, J. (Universitas Padjadjaran, Bandung (Indonesia). Fakultas Pertanian). Jurnal Agrikultura (Indonesia) ISSN 0858-2885 (2008) v. 16(3) p. 213-218, 6 tables; 7 ref.

CITRUS; GROWTH; VIROSES; PLANT GROWTH SUBSTANCES; NAA.

787 YUSNAWAN, E. Keefektifan *Ampelomyces quisqualis* yang ditumbuhkan pada suhu dan berbagai media terhadap penyakit embun tepung kacang hijau. Effectiveness of *Ampelomyces quisqualis* Ces grown in temperatures and various media againts powdery mildew on mungbean/ Yusnawan, E.; Hardaningsih, S. (Balai penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 483-490, 2 ill., 3 tables; 15 ref.

VIGNA RADIATA RADIATA; MILDEWS; AMPELOMYCES; HYPERPARASITES; CULTURE MEDIA; TEMPERATURE; MYCELIUM; FUNGAL SPORES; BIOLOGICAL CONTROL.

H50 RAGAM KELAINAN PADA TANAMAN / MISCELLANEOUS PLANT DISORDERS

788 KHAIRULLAH , I. Dinamika pH dan Fe tanah serta toleransi keracunan besi genotipe padi di lahan sulfat masam potensial Kalimantan Selatan. [Dynamic of pH and Fe in the soil and its tolerance to iron toxicity of rice genotype in potential acid sulphate soil in South Kalimantan]/ Khairullah, I.; Imberan, M.; Azzahra, F.; Indrayati, L. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). Prosiding seminar nasional pertanian lahan rawa: revitalisasi kawasan PLG dan lahan rawa lainnya untuk membangun lumbung pangan nasional, Kuala Kapuas, 3-4 Aug 2007. Buku 1/ Mukhlis; Noor, M.; Supriyo, A.; Noor, I.; Simatupang, R.S. (eds.). Jakarta: Badan Litbang Pertanian, 2007: p. 373-382, 5 tables; 10 ref. 631.445.9/SEM/p bk1

ORYZA SATIVA; GENOTYPES; IRON; POISONING; TOLERANCE; PH; SOIL CHEMICOPHYSICAL PROPERTIES; AGRONOMIC CHARACTERS; GROWTH;

YIELD COMPONENTS; ACID SULPHATE SOILS; KALIMANTAN.

789 ROSADI, R.A.B. Koefisien cekaman air tanaman kedelai pada kondisi *regulated deficit irrigation*. Water stress coefficient of soybean crops in regulated deficit irrigation condition/ Rosadi, R.A.B.; Zahab, R.; Haryono, N.; Risman (Universitas Lampung (Indonesia). Fakultas Pertanian). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 441-450, 1 ill., 7 tables; 7 ref.

GLYCINE MAX; VARIETIES; DROUGHT STRESS; DEMAND IRRIGATION; SOIL WATER DEFICIT; EVAPOTRANSPIRATION; SOIL WATER CONTENT; PLANT RESPONSE; FERRALSOLS.

H60 GULMA DAN PENGENDALIAN GULMA / WEEDS AND WEED CONTROL

790 JATMIKO, S.Y. Teknik penyampuran herbisida sebagai alternatif pengendalian gulma pada kacang tanah di lahan tadah hujan. [Herbicide mixture technique as an alternative for weed control on groundnut (*Arachis hypogaea*) in rainfed land]/ Jatmiko, S.Y.; Ichwan, A. (Loka Penelitian Pencemaran Lingkungan Pertanian, Jakenan (Indonesia)); Widoto. Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 466-473, 1 ill., 3 tables; 19 ref.

ARACHIS HYPOGAEA; WEED CONTROL; CONTROL METHODS; HERBICIDES; MIXING; DOMINANT SPECIES; YIELDS; RAINFED FARMING.

791 SUHAYA, Y. Pengendalian gulma dan hama penting kedelai pada pola tanam tumpangsari. [Weed and pest control on soybean intercropping]/ Suhaya, Y.; Ritonga, E.; Dahono (Balai Pengkajian Teknologi Pertanian Riau (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 543-551, 8 tables; 5 ref.

GLYCINE MAX; ZEA MAYS; INTERCROPPING; WEED CONTROL; RICE STRAW; MULCHES; OPHIOMYIA PHASEOLI; LAMPROSEMA; LEAF EATING INSECTS; ETIELLA ZINCKENELLA; NEZARA VIRIDULA; INSECTICIDES.

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

792 AMIN, H. Peningkatan mutu dan masa simpan kasoami, makanan khas tradisional Sulawesi Tenggara dari bahan baku ubi kayu. Improvement of quality and self life of kasoami, a traditional cassava based food from South East Sulawesi/ Amin, H.; Syarief, R.; Sugiyono (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 301-319, 4 ill., 5 tables; 38 ref.

CASSAVA; FOODS; FLOURS; QUALITY; CHEMICAL COMPOSITION; KEEPING QUALITY; STEAMING; FOOD TECHNOLOGY; SULAWESI.

793 ASGAR, A. Optimalisasi cara, suhu, dan lama blansing sebelum pengeringan kubis. Optimizing of method, temperature, and time of blanching for processing of dried cabbage/ Asgar, A.; Musaddad, D. (Balai Penelitian Tanaman Sayuran, Lembang-Bandung (Indonesia)). Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 349-355, 5 tables; 25 ref.

CABBAGES; BLANCHING; DRYING; QUALITY; TEMPERATURE; METHODS; DURATION.

794 RAHARJO, B. Percobaan pengeringan gabah varietas IR42 manggar kadar air rendah dengan mesin pengering bahan bakar sekam di

Desa Upang lahan pasang surut Sumatera Selatan. [Drying of low moisture content IR42 rice variety by husked fuel drying machine in tidal land at Upang Village, South Sumatra]/ Raharjo, B.; Sutrisno (Balai Pengkajian Teknologi Pertanian Sumatera Selatan, Palembang (Indonesia)). Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 76-81, 2 ill., 1 table; 9 ref.
633.1/.4-115.2/SEM/p bk1

RICE; VARIETIES; DRYING; MOISTURE CONTENT; DRYERS; HUSKS; INTERTIDAL ENVIRONMENT; SUMATRA.

795 SUTRISNO. Pengaruh bentuk gabah terhadap rendemen dan mutu beras giling. [Effect of rice grain form on the yield and quality of milled rice]/ Sutrisno; Raharjo, B. (Balai Besar Penelitian dan Pengembangan Tanaman Padi, Sukamandi (Indonesia)); Hutapea, Y. Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 142-148, 3 ill., 3 tables; 7 ref.
633.1/.4-115.2/SEM/p bk1

ORYZA SATIVA; UPLAND RICE; SELECTION; GROWTH; YIELDS; FARM INPUTS; RICE; YIELDS; QUALITY; MOISTURE CONTENT; POSTHARVEST TECHNOLOGY.

796 YULIANINGSIH. Seleksi jenis bunga untuk produksi mutu minyak mawar. Selection of roses for producing good quality of rose oil/ Yulianingsih; Amiarsi, D.; Tahir, R. (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)); Sabari S.D. Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 345-348, 3 tables; 10 ref.

ROSA; FLOWERS; VARIETIES; SELECTION; ESSENTIAL OILS; CHEMICAL COMPOSITION; DISTILLING; PRODUCTION; QUALITY.

K10 PRODUKSI KEHUTANAN / FORESTRY PRODUCTION

797 MINDAWATI, N. Pengaruh frekuensi pemeliharaan tanaman muda terhadap pertumbuhan Meranti di lapangan. Effect of tending frequency on growth of shorea sapling at field/ Mindawati, N.; Heryati, Y. (Pusat Penelitian dan Pengembangan Hutan Tanaman, Yogyakarta (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(2) p. 63-71, 5 tables; 9 ref.

SHOREA; CULTIVATION; GROWTH; SOIL CHEMICOPHYSICAL PROPERTIES; FIELDS.

798 MINDAWATI, N. Pengaruh penanaman beberapa jenis pohon hutan terhadap kondisi kesuburan tanah Andosol. Effect of some forest and species plantation to condition of Andosol soil fertility/ Mindawati, N.; Kosasih, A.S.; Heryati, Y. (Pusat Penelitian dan Pengembangan Hutan Tanaman, Yogyakarta (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(3) p. 155-164, 5 tables; 10 ref.

AGATHIS DAMMARA; PINUS OOCARPA; SHOREA; ALNUS NEPALENSIS; TOONA; CASUARINA; KHAYA; ACACIA CRASSICARPA; SOIL FERTILITY; SOIL CHEMICOPHYSICAL PROPERTIES; FOREST STANDS; ANDOSOLS.

799 SANTOSO, B. Variasi pertumbuhan jati muna hasil okulasi. Growth variation of bud grafting of muna teak/ Santoso, B.; Wardani, B.W. (Balai Penelitian dan Pengembangan Kehutanan, Sulawesi (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(3) p. 165-173, 3 tables; 16 ref.

TECTONA GRANDIS; GRAFTING; BUDS; VEGETATIVE PROPAGATION; ROOTSTOCKS; SEEDLINGS; GROWTH; DIAMETER.

800 SUMADI, A. Pemodelan penduga volume pohon pulai darat. Estimation modelling of pulai darat tree volume/ Sumadi, A.; Azwar, F.; Muara, J. (Balai Penelitian dan Pengembangan Hutan Tanaman, Palembang (Indonesia)). Jurnal Penelitian Hutan Tanaman

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ALSTONIA; DIAMETER; MODELS; VOLUME.

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ALSTONIA; VESICULAR ARBUSCULAR MYCORRHIZAE; INOCULATION; FIELDS; GLOMUS ETUNICATUM.

L01 PETERNAKAN / ANIMAL HUSBANDRY

802 DALIANI, S.D. Rangkuman hasil pengkajian ayam buras di Kabupaten Bengkulu Utara. [Summarization of native chicken assessment results in North Bengkulu Regency (Indonesia)]/ Daliani, S.D.; Wulandari, W.A.; Gunawan (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)); Zainuddin, D. Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 272-279, 6 tables; 8 ref. Appendices
636.58/LOK/p

CHICKENS POULTRY FARMING; AGROINDUSTRIAL SECTOR; FEEDING SYSTEMS; TECHNOLOGICAL CHANGES; FATTENING; PROXIMATE COMPOSITION; EGG PRODUCTION; FARM INCOME; SUMATRA.

803 GUNAWAN. Evaluasi model pengembangan ayam buras di Indonesia: kasus di Jawa Timur. [Evaluation of native chicken development model in East Java (Indonesia)]/ Gunawan (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 260-271, 10 tables; 13 ref.
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CHICKENS; POULTRY FARMING; MODELS; REARING TECHNIQUES; BATTERY HUSBANDRY; EGG PRODUCTION; FARM INCOME; JAVA.

804 JARMANI, S.N. Peranan perempuan dalam mengatasi kemiskinan dan meningkatkan kualitas konsumsi gizi keluarga melalui budi daya ayam kampung di daerah urban dan perdesaan. [Role of women on poverty alleviation and improving the quality of family nutritive consumption through native chicken rearing in urban and rural areas]/ Jarmani, S.N. (Balai Penelitian Ternak Ciawi, Bogor (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 294-297, 16 ref.
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CHICKENS; POULTRY FARMING; ROLE OF WOMEN; POVERTY; FAMINE; MALNUTRITION; NUTRITIVE VALUE; FOOD CONSUMPTION; HOUSEHOLDS; RURAL AREAS; URBAN AREAS.

805 JUARINI, E. Pengembangan ayam lokal dan permasalahannya di lapangan. [Development of local chicken and its problem in the field]/ Juarini, E.; Sumanto; Zainuddin, D. (Balai Penelitian Ternak Ciawi, Bogor (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 280-293, 10 tables; 41 ref.
636.58/LOK/p

CHICKENS; DOMESTIC ANIMALS; REARING TECHNIQUES; INTENSIVE HUSBANDRY; BREEDING METHODS; ANIMAL PERFORMANCE; PRODUCTIVITY; EGG PRODUCTION; POULTRY HOUSING.

806 MURYANTO. Evaluasi hasil-hasil penelitian dan pengembangan pada ayam buras. [Evaluation of research and development results on natrive chicken]/ Muryanto (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 238-251, 4 tables; 27 ref.
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CHICKENS; POULTRY FARMING; TRADITIONAL TECHNOLOGY; INTENSIVE HUSBANDRY; ARTIFICIAL INSEMINATION; CROSSBREEDING; EGG PRODUCTION; FARM INCOME; PRODUCTIVITY.

807 RATNAWATY, S. Prospek pengembangan ternak sapi bali timor di Desa Tobu, Timor Tengah Selatan. [Prospect of bali timor cattle development in Tobu Village, Timor Tengah Selatan]/ Ratnawaty, S.; Didiek A.B. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)); Tiro, B.M.W. Prosiding seminar nasional dan ekspose percepatan inovasi teknologi pertanian spesifik lokasi mendukung kemandirian masyarakat kampung di Papua, Jayapura, 5-6 Jun 2007/ Limbongan, J.; Rauf, A.W.; Malik, A.; Lewaherilla, N.E.; Jamal, E. (eds.). Bogor: BBP2TP, 2007: p. 342-355, 4 tables; 6 ref.
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BEEF CATTLE; ANIMAL POPULATION; REARING TECHNIQUES; FEEDS; NUSA TENGGARA.

808 SWACITA, I.B.N. Kajian tentang berat relatif beberapa organ visceral itik bali. Study on the relative weight of several visceral organs in bali ducks/ Swacita, I.B.N.; Suardana, I.W. (Universitas Udayana, Denpasar (Indonesia). Fakultas Kedokteran Hewan). Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7 (4) p. 169-174, 3 ill., 4 tables; 9 ref.

DUCKS; SPECIES; OFFAL; BALI.

L02 PAKAN HEWAN / ANIMAL FEEDING

809 DIDIEK A.B. Kelayakan kompetitif teknologi silase dalam penggemukan sapi di Kabupaten TTU, Nusa Tenggara Timur. [Competitive feasibility of silage technology on cattle fattening in Timor Tengah Utara Regency, East Nusa Tenggara]/ Didiek A.B.; Ratnawaty, E.; Marawali, H.H. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 397-401, 1 table; 8 ref.
633.1/.9:636/SEM/p

CATTLE; FATTENING; SILAGE MAKING; FORAGE; FEEDS; PROBIOTICS; NUTRITIVE VALUE; DRY SEASON; PROFITABILITY; NUSA TENGGARA.

810 JELANTIK, I G.N. Pengaruh suplementasi dan pemberian vitamin A terhadap performans induk dan anak sapi bali selama musim kemarau di Pulau Timor. [Effect of supplementation and vitamin A on the performance of cattle and calves during dry season in Timor Island (Indonesia)]/ Jelantik, I G.N.; Sanam, M.U.E. (Universitas Cendana, Kupang (Indonesia). Fakultas Peternakan); Hau, D.K. Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 402-409, 5 tables; 14 ref.
633.1/.9:636/SEM/p

CALVES; CATTLE; SUPPLEMENTS; RETINOL; INJECTION; MORTALITY; REPRODUCTIVE PERFORMANCE; BIRTH WEIGHT; WEIGHT GAIN; DRY SEASON; NUSA TENGGARA.

811 NUSCHATI, U. Teknologi perbaikan ransum untuk penggemukan sapi peranakan ongole (PO) pada wilayah marjinal. Introduction of proper diet formulation for fattening Ongole generation beef cattle in marginal region/ Nuschati, U.; Subiharta; Ernawati (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)).

Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang, 8 Nov 2007. Buku 2: inovasi teknologi produksi/ Muryanto; Prasetyo, T.; Prawirodigdo, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 370-375, 3 tables; 14 ref.

BEEF CATTLE; DIET; FORMULATIONS; FATTENING; MARGINAL LAND.

812 PAMUNGKAS, D. Pola pertumbuhan inisial pedet sapi bali lepas sapih yang diberi pakan hijauan berbeda. [Initial growth pattern of post weaning period of bali calves fed by different forage]/ Pamungkas, D.; Romjali, E.; Anggraeny, Y.N.; Krishna, N.H. (Loka Penelitian Sapi Potong Grati, Pasuruan (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 410-418, 4 ill., 3 tables; 10 ref.
633.1/.9:636/SEM/p

CALVES; CATTLE; FEEDS; FORAGE; LEUCAENA LEUCOCEPHALA; POSTWEANING PERIOD; GROWTH RATE; WEIGHT GAIN; FEED CONVERSION EFFICIENCY; PROXIMATE COMPOSITION.

813 RAHAYU, R. Kualitas fisik dan komponen kimia daging domba lokal jantan yang diberi ransum pada berbagai tingkat energi. [Effects of various energy level of rations on the physical and chemical properties of mutton from local rams]/ Rahayu, R. (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 209-213, 7 tables; 5 ref.

RAMS; MEAT PERFORMANCE; CARCASS COMPOSITION; PROXIMATE COMPOSITION; RATIONS; ENERGY VALUE.

814 ROHAENI, E.S. Pengkajian integrasi usaha tani jagung dan ternak sapi di lahan kering Kabupaten Tanah Laut, Kalimantan Selatan. [Assessment of maize-cattle integrated farming system in dryland in Tanah Laut Regency, South Kalimantan (Indonesia)]/ Rohaeni, E.S.; Amali, N.; Sumanto; Darmawan, A.; Subhan, A. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)). Jurnal Pengkajian dan Pengembangan Teknologi Pertanian (Indonesia) ISSN 1410-959X (2006) v. 9(2) p. 129-139, 8 tables;16 ref.

BEEF CATTLE; ZEA MAYS; INTEGRATION; FARMING SYSTEMS; COMPOSTS; BYPRODUCTS; CULTIVATION.

815 ROMJALI, E. Respon kinerja produksi domba yang memperoleh substitusi pakan berbasis limbah perkebunan. [Response of sheep production performance feeding by estate waste-based feed substitution]/ Romjali, E.; Pamungkas, D. (Loka Penelitian Sapi Potong Grati, Pasuruan (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang (Indonesia) 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 428-437, 2 ill., 8 tables; 4 ref. Appendices.
633.1/.9:636/SEM/p

SHEEP; FEEDS; WASTE UTILIZATION; AGRICULTURAL WASTES; BYPRODUCTS; FEEDING HABITS; FEED CONVERSION EFFICIENCY; PROXIMATE COMPOSITION; WEIGHT GAIN.

816 SUBIHARTA. Kapasitas penyediaan pakan untuk usaha ternak sapi berbasis tanaman pangan di wilayah marjinal Kabupaten Blora. Carrying capacity for cattle farming based on food cropping in marginal areas of Blora/ Subiharta; Hartoyo, B.; Sarjana (Balai Pengkajian Teknologi Pertanian Jawa Tengah, Ungaran (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang, 8 Nov 2007. Buku 2: inovasi teknologi produksi/ Muryanto; Prasetyo, T.; Prawirodigdo, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 227-231, 4 tables; 9 ref.

BEEF CATTLE; FEEDS; FOOD CROPS; MARGINAL LAND; JAVA.

817 ZURRIYATI, Y. Estimasi potensi ketersediaan pakan asal jerami padi dan kompos asal kotoran sapi pada pola pemeliharaan crop livestock system di Kecamatan Rambah Samo Kabupaten Rokan Hulu - Riau. Potential estimation of available feed from rice straw and compost from cattle manure at the crop livestock system in Rambah Sarno District, Rokan Hulu Regency-Riau/ Zurriyati, Y. (Balai Pengkajian Teknologi Pertanian Riau, Padang Marpoyan (Indonesia)). Buletin Inovasi Pertanian (Indonesia) ISSN 1979-0805 (2007) v. 1(1) p. 21-24, 2 ill., 6 tables; 6 ref.

RICE STRAW; CATTLE; COMPOSTS; FARMYARD MANURE; FEEDS; AGROPASTORAL SYSTEMS; SUMATRA.

L10 GENETIKA DAN PEMULIAAN HEWAN / ANIMAL GENETICS AND BREEDING

818 BEBAS, W. Pengaruh frekuensi dan waktu inseminasi terhadap fertilitas telur ayam kampung yang diinseminasi dengan semen ayam hutan hijau. Effect of frequency and insemination times on the egg fertility of the domestic fowl inseminated with the semen of green jungle fowl/ Bebas, W. (Universitas Udayana, Denpasar (Indonesia). Fakultas Kedokteran Hewan). Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7(4) p. 163-168, 2 tables; 10 ref.

CHICKENS; EGGS; IN VITRO FERTILIZATION; TIME.

819 IMRON, M. Viabilitas demi embrio sapi *in vitro* hasil *splitting* embrio segar dan beku. Viability of bovine demi embryo after splitting of fresh and frozen thawed embryo derived from *in vitro* embryo production/ Imron, M. (Balai Embrio Ternak Cipelang, Bogor (Indonesia)); Boediono, A.; Supriatna, I. Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2007) v. 12(2) p. 118-123, 3 ill., 4 tables; 20 ref.

BEEF CATTLE; IN VITRO; EMBRYO SPLITTING.

820 PRIHANDINI, P.W. Usaha perbaikan tatalaksana IB semen beku sapi potong pada agroekologi berbeda di Kabupaten Blora. Improvement of artificial insemination management using frozen semen in beef cattle, in Blora District/ Prihandini, P.W.; Affandi, L. (Loka Penelitian Sapi Potong, Pasuruan (Indonesia)). Prosiding inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marginal, Semarang, 8 Nov 2007. Buku 2: inovasi teknologi produksi/ Muryanto; Prasetyo, T.; Prawirodigdo, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto, S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 311-315, 3 tables; 18 ref.

BEEF CATTLE; SEMEN; ARTIFICIAL INSEMINATION; THAWING; REPRODUCTIVE PERFORMANCE; FEED CONSUMPTION; JAVA.

L20 EKOLOGI HEWAN / ANIMAL ECOLOGY

821 ASTUTI, K.R. Habitat burung serak (*Tyto alba javanica*) pemangsa tikus pada ekosistem persawahan di Kabupaten Kendal. [*Tyto alba javanica* habitat on rice fields in Kendal]/ Astuti, K.R. (Universitas Medan Area, Medan (Indonesia). Fakultas Pertanian); Mangoendihardjo, S.; Wagiman, F.X. Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta, 15 Sep 2006. Yogyakarta: UGM, 2006: p. 212-222, 1 ill; 1 table; 12 ref.
631.001.6/SEM/r

OWLS; HABITATS; PREDATORY BIRDS; RATS; ECOSYSTEMS; RICE FIELDS; PEST CONTROL; BEHAVIOUR; JAVA.

L51 FISIOLOGI HEWAN – NUTRISI / ANIMAL PHYSIOLOGY – NUTRITION

822 SAGAF. Pengaruh imbangan protein dengan energi dalam konsentrat terhadap bobot dan persentase karkas kambing lokal jantan. [Effects of dietary energy protein ratio on the carcass yield and carcass percentage in local goats]/ Sagaf (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 192-197, 4 tables; 16 ref.

GOATS; ENERGY VALUE; PROTEINS; CARCASS COMPOSITION; RATIONS; CONCENTRATES; BODY WEIGHT.

823 SYAHRIR. Kecernaan komponen serat kulit buah kakao yang difermentasi dengan *Trichoderma* sp. pada kambing lokal jantan. [Digestibility of fibre component of cocoa pod husk fermented by *Trichoderma* sp. on local male goats]/ Syahrir (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 198-203, 3 tables; 15 ref.

GOATS; DIGESTIBILITY; DIGESTIBLE FIBRE; RATIONS; NUTRIENTS; COCOA BEANS; AGRICULTURAL WASTES.

L53 FISIOLOGI HEWAN – REPRODUKSI / ANIMAL PHYSIOLOGY – REPRODUCTION

824 RIZAL, M. Peranan betha-karoten dalam mempertahankan daya hidup spermatozoa semen cair domba garut. [Role of betha-karotene in maintaining sperm viability of chilled-semen of garut ram]/ Rizal, M. (Universitas Pattimura, Ambon (Indonesia). Fakultas Pertanian). Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7(4) p. 148-156, 3 tables; 25 ref.

SHEEP; SEMEN; CELL MEMBRANES; CAROTENOIDS; SPERMATOZOA; CHEMICAL COMPOSITION; QUALITY.

825 RUSDIN. Pengaruh induksi cairan folikel sapi terhadap non return rate dan angka konsepsi domba ekor gemuk (*Ovis aries*). [Effects of bovine follicular fluid induction on non return and conception rates of fat tailed sheep]/ Rusdin; Ridwan (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 181-185, 2 tables; 11 ref.

SHEEP; INDUCED OVULATION; REPRODUCTIVE PERFORMANCE; BIRTH RATE; PREGNANCY.

826 YULNAWATI. Penggunaan medium CR1aa untuk produksi embrio domba in vitro. Use of CR1aa for ovine in vitro embryo production/ Yulnawati (Pusat Penelitian Bioteknologi, LIPI, Bogor (Indonesia)); Setiadi, M.A.; Boediono, A. Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2006) v. 11(2) p. 131-136, 2 tables; 28 ref.

SHEEP; ANIMAL EMBRYOS; SEX DIAGNOSIS; IN VITRO; CULTURE MEDIA; MATURATION; FERTILIZATION; EMBRYONIC DEVELOPMENT.

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

827 SUARTHA, I N. Perbandingan antara metode PEG-ammonium sulfat dan PEG-kloroform untuk ekstraksi dan purifikasi IgY kuning telur. Comparison of peg-ammonium sulphate and pegchloroform methods for the extraction and purification of IgY from egg yolk/ Suartha, I N. (Universitas Udayana, Denpasar (Indonesia). Fakultas Kedokteran Hewan); Wibawan, I W.T.; Mayasari, R.S.. Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7(4) p. 157-162, 2 ill., 14 ref.

EGG YOLK; EXTRACTION; PURIFICATION; POLYETHYLENE; AMMONIUM SULPHATE; DISEASE CONTROL.

828 SUDARISMAN. Tingkat efikasi berbagai vaksin IBR inaktif yang dibuat dari virus isolat lokal pada sapi perah di Kabupaten Bandung yang diuji dengan uji serum netralisasi. Efficacy of various IBR inactivated vaccines prepared using local virus isolates on dairy cattle in Bandung municiple evaluated by serum neutralisation test/ Sudarisman (Balai Penelitian Veteriner, Bogor (Indonesia)). Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7(4) p. 139-147, 1 ill., 4 tables; 17 ref.

DAIRY CATTLE; BOVINE HERPES VIRUS; ADJUVANTS; VACCINES; IMMUNIZATION.

L73 PENYAKIT HEWAN / ANIMAL DISEASES

829 ADI, A.A.A.M. Potensi virus newcastle disease sebagai agen antikanker pada manusia. Potency of newcastle disease as a human anticancer agent/ Adi, A.A.A.M. (Universitas

Udayana, Denpasar (Indonesia). Fakultas Kedokteran Hewan); Astawa, N.M. Jurnal Veteriner (Indonesia) ISSN 1411-8327 (2006) v. 7(4) p. 175-180, 18 ref.

MANKIND; NEOPLASMS; NEWCASTLE DISEASE VIRUS.

830 ALAM, H.I.P. Resistensi ayam lokal Jawa Barat: ayam sentul. [Resistence of West Java local chicken: sentul chicken]/ Alam, H.I.P. (Balai Pengembangan Perbibitan Ternak Unggas Jatiwangi, Majalengka (Indonesia)). Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 309-313, 1 table; 7 ref.
636.58/LOK/p

CHICKENS; DOMESTIC ANIMALS; DISEASE RESISTANCE; DISEASE CONTROL; CORYZA; AVIAN INFLUENZA VIRUS; VACCINATION; VITAMINS; CLIMATIC CHANGE; JAVA.

831 MURTINI, S. Penetapan rute dan dosis inokulasi pada telur ayam berembrio sebagai media uji khasiat ekstrak benalu teh (*Scurrula oortiana*). Study of inoculation route and dosage levels on embryonated chicken eggs as media for testing tea mistlestoe (*Scurrula oortiana*) extract activity/ Murtini, S.; Satrija, F.; Malole, M.B.M. (Institut Pertanian Bogor (Indonesia). Fakultas Kedokteran Hewan); Murwani, R. Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2006) v. 11(2) p. 137-143, 1 ill., 2 tables; 18 ref.

CHICKENS; EGGS; ANIMAL EMBRYOS; SEX DIAGNOSIS; PLANT EXTRACTS; TOXICITY; INOCULATION; DOSAGE.

832 PAREDE, L. Penyakit menular pada intensifikasi unggas lokal dan cara penanggulangannya. [Infected disease on local chicken intensification and its central]/ Parede, L. (Balai Penelitian Veteriner, Bogor (Indonesia); Zainuddin, D.; Huminto, H. Prosiding lokakarya nasional inovasi teknologi pengembangan ayam lokal, Semarang, 26 Aug 2005/ Subandriyo; Diwyanto, K.; Inounu, I.; Setiadi, B.; Zainuddin, D.; Priyanti, A.; Handiwirawan, E. (eds.). Bogor: Puslitbangnak, 2005: p. 314-319, 1 table; 10 ref.
636.58/LOK/p

POULTRY; DOMESTIC ANIMALS; INDIGENOUS ORGANISMS; INTENSIVE HUSBANDRY; INFECTIOUS DISEASES; NEWCASTLE DISEASE; AVIAN INFLUENZA VIRUS; GUMBORO DISEASE; CORYZA; COLIBACILLOSIS; PULLORUM DISEASE; VACCINATION.

833 POERNOMO, S. Phage typing dan uji sensitivitas terhadap berbagai antibiotika dari isolat *Salmonella enteritidis* asal Indonesia. Phage typing and sensitivity test to antibiotics of *Salmonella enteritidis* isolates from Indonesia/ Poernomo, S.; Priadi, A.; Natalia, L. (Balai Penelitian Veteriner, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2006) v. 11(2) p. 157-166, 3 tables; 28 ref.

SALMONELLA ENTERITIDIS; ANTIBIOTICS; CHICKENS; PROTEIN ISOLATES; INDONESIA.

834 TARIGAN, S. Vaksinasi kambing dengan ekstrak segar *Sarcoptes scabiei* menghasilkan kekebalan parsial. Vaccination of goats with fresh extract from *Sarcoptes scabiei* confers partial protective immunity/ Tarigan, S. (Balai Penelitian Veteriner, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2006) v. 11(2) p. 144-150, 4 ill., 20 ref.

GOATS; VACCINATION; SARCOPTES SCABIEI; EXTRACTS.

835 WIEDOSARI, E. Aktivitas antioksidan dari *Fasciola gigantica* yang diisolasi dari domba ekor tipis dan merino. The activities of antioxidant enzymes extracted from *Fasciola gigantica* infecting thin-tailed and merino sheep/ Wiedosari, E. (Balai Penelitian Veteriner, Bogor (Indonesia)). Jurnal Ilmu Ternak dan Veteriner (Indonesia) ISSN 0853-7380 (2006) v. 11(2) p. 151-156, 3 tables; 25 ref.

SHEEP; FASCIOLA GIGANTICA; SUPEROXIDE DISMUTASE; ANTIOXIDANTS; ENZYMES; DISEASE RESISTANCE.

N10 BANGUNAN PERTANIAN / AGRICULTURAL STRUCTURES

836 YAMIN, M. Respon ayam pedaging terhadap bahan atap, alas dan kepadatan kandang yang berbeda. [Response of broiler chicken to type of roof, floor and different densities]/ Yamin, M. (Universitas Tadulako, Palu (Indonesia). Fakultas Pertanian). Jurnal Agroland (Indonesia) ISSN 0854-641X (2006) v. 13(2) p. 186-191, 3 tables; 15 ref.

BROILER CHICKENS; BODY WEIGHT; FEED INTAKE; FEED CONVERSION EFFICIENCY; POULTRY HOUSING; ROOFS; FLOORS; STOCKING DENSITY; RAW MATERIALS.

N20 MESIN DAN PERALATAN PERTANIAN / AGRICULTURAL MACHINERY AND EQUIPMENT

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

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

838 GATOT S.A.F. Peningkatan kinerja pengering chip ubi kayu. Performance improvement of cassava chip dryer/ Gatot S.A.F; Tastra, I K. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 603-612, 5 ill., 2 tables; 9 ref.

CASSAVA; DRIED PRODUCTS; CUTTING; DRYING; DRYERS; EQUIPMENT PERFORMANCE; APPROPRIATE TECHNOLOGY; TECHNICAL PROPERTIES.

839 HARMANTO. Mesin pengering berbahan bakar sekam termodifikasi Kap. 3 ton terintegrasi dengan penggilingan padi. [Modified rice husk furnace (RHF) drying machine integrated with rice milling]/ Harmanto; Nurhasanah, A.; Wiyono, J. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong (Indonesia)). Prosiding seminar nasional inovasi teknologi mendukung peningkatan produksi pangan nasional dan pengembangan bioenergi untuk kesejahteraan petani, Palembang, 26-27 Jul 2006. Buku 1/ Armanto, M.E.; Bamualim, A.; Subowo G.; Mulyani, E.S.; Jamal, E. (eds.). Bogor,: BBP2TP, 2007: p. 99-118, 9 ill., 2 tables; 12 ref.
633.1/.4-115.2/SEM/p bk1

RICE; DRYERS; POSTHARVEST EQUIPMENT; HUSKS; MILLING; ECONOMIC ANALYSIS.

840 PRANOWO, D. Alat pres mini jarak pagar Balittri II (Skala rumah tangga). [Small scale pressing equipment for *Jatropha curcas* fruit]/ Pranowo, D.; Prastowo, B. (Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi (Indonesia). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 354-360, 2 ill., 1 table; 7 ref.
633.853.3-117/LOK/p c2

CASTOR OIL; FRUITS; PRESSING; POSTHARVEST EQUIPMENT; EQUIPMENT PERFORMANCE; EXTRACTION.

841 SISWANTO, N. Pengkajian penggunaan alat/mesin perontok padi dalam upaya mendukung alih teknologi perontokan padi kepada petani. [Assessment of rice thresher application in supporting technology transfer of rice threshing to the farmers]/ Siswanto, N.; Mudjisihono, R. (Balai Pengkajian Teknologi Pertanian Yogyakarta, Sleman (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi pertanian untuk pengembangan agribisnis industrial pedesaan di wilayah marjinal, Ungaran, 8 Nop 2007. Buku 1: inovasi teknologi pasca produksi/ Muryanto; Prasetyo, T.; Prawirodigdo, S.; Yulianto; Hermawan, A.; Kushartanti, E.; Mardiyanto,

S.; Sumardi (eds.). Bogor: BBP2TP, 2007: p. 83-90, 2 tables; 8 ref.

RICE; THRESHERS; TECHNOLOGY TRANSFER; FARMERS; YIELDS; QUALITY.

842 SUDIGDO. Uji kerja alat penggiling type palu (Hammer Mill) dengan beberapa jenis bahan pakan sebagai bahan uji. [Test of hammer mill type by using several feed sources as test material]/ Sudigdo; Nulik, J.; Fernandes, P.T.; Rubiati, A. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 419-423, 1 table; 7 ref. Appendices.
633.1/.9:636/SEM/p

FEEDS; FEED PROCESSING; EQUIPMENT; AGRICULTURAL WASTES.

843 TJAHJOHUTOMO, R. Peranan teknologi mekanisasi dalam pemanfaatan sumberdaya air untuk pemanfaatan sumber daya air untuk pemantapan ketahanan pangan dan peningkatan pendapatan petani lahan kering. [Role of mechanization technology on water resources use for food security stabilization and increasing dryland farm income]/ Tjahjohutomo, R. (Balai Besar Mekanisasi Pertanian, Serpong (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 600-606, 5 ill., 1 table; 2 ref.
633.1/.9:636/SEM/p

PUMPS; TURBINE ENGINES; WATER USE; WATER RESOURCES; EQUIPMENT PERFORMANCE; EQUIPMENT CHARACTERISTICS; FOOD SECURITY; FARM INCOME; DRY FARMING.

844 UNADI, A. Rekayasa mesin ekstraksi tekanan vakum untuk minyak atsiri dengan pelarut heksan. [Engineering of vacuum extraction machine for jasmine oil by using volatile solvent]/ Unadi, A. (Balai Besar Pengembangan Mekanisasi Pertanian, Serpong (Indonesia)); Prabawati, S.; Suyanti. Prosiding seminar nasional teknology inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 2: alsin, sosek dan kebijakan/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 1100-1112, 7 ill., 3 tables; 9 ref.

JASMINE OIL; SOLVENT EXTRACTION; DISTILLING; ALCOHOLS; SEPARATORS; DESIGN; EQUIPMENT PERFORMANCE; ESSENTIAL OILS.

845 WIDYOTOMO, S. Optimasi mesin sortasi biji kopi tipe meja konveyor untuk meningkatkan kinerja sortasi manual. Optimation of a table conveyor type grading machine to increase the performance of green coffee manual sortation/ Widyotomo, S.; Sri-Mulato; Suharyanto, E. (Pusat Penelitian Kopi dan Kakao Indonesia, Jember (Indonesia)). Pelita Perkebunan (Indonesia) ISSN 0215-0212 (2006) v. 22(1) p. 57-75, 15 ill., 2 tables; 10 ref.

COFFEE BEANS; POSTHARVEST EQUIPMENT; GRADING; CONVEYERS; QUALITY; ECONOMIC ANALYSIS.

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

846 DJUFRI. Analisis vegetasi di savana tanpa tegakan akasia (*Acacia nilotica*) di Taman Nasional Baluran, Jawa Timur. Vegetation analysis in savannah without acacia (*Acacia nilotica*) stand in Baluran National Park, East Java (Indonesia)/ Djufri; Setiadi, D.; Guhardja, E.; Qayim, I. (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 261-275, 1 ill., 11 tables; 19 ref.

ACACIA NILOTICA; VEGETATION; SPECIES; NATIONAL PARKS; SAVANNAS; JAVA.

847 HADIPERNATA, M. Pemanfaatan minyak jarak pagar (*Jatropha curcas* L.)

sebagai bahan bakar pengganti minyak tanah. [Utilization of castor oil (*Jatropha curcas* L.) as fuel substitution of karoseone]/ Hadipernata, M.; Sumangat, D.; Broto, W. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 341-347, 4 ill., 2 tables; 3 ref.
633.853.3-117/LOK/p c2

CASTOR OIL; BIOFUELS; ENERGY EXCHANGE; PARAFFIN; ENERGY VALUE.

848 MULYANI, A. Potensi sumber daya lahan untuk pengembangan jarak pagar (*Jatropha curcas* L.) di Indonesia. Land resource potential for *Jatropha curcas* development in Indonesia/ Mulyani, A. (Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor (Indonesia)); Allelorung, D. Jurnal Penelitian dan Pengembangan Pertanian (Indonesia) ISSN 0216-4418 (2006) v. 25(4) p. 130-138, 8 tables; 22 ref.

JATROPHA CURCAS; LAND RESOURCES; LAND SUITABILITY; LAND USE; INDONESIA.

849 SOETEDJO, P. Pengelolaan sumber daya alam dan lingkungan secara partisipatif dalam mendukung ketahanan pangan dan peningkatan pendapatan petani lahan kering di Pulau Semau, Kabupaten Kupang. [Partisipative natural resources and environment management in supporting food security and farmer income increase in Semau Island, Kupang Regency]/ Soetedjo, P. (Universitas Nusa Cendana, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 457-470, 4 tables; 16 ref.
633.1/.9:636/SEM/p

NUSA TENGGARA; NATURAL RESOURCES; RESOURCE MANAGEMENT; PARTICIPATION; SOCIOECONOMIC ENVIRONMENT; APPROPRIATE TECHNOLOGY; FARMERS; LAND PRODUCTIVITY; FARM INCOME; FOOD SECURITY; DRY FARMING.

P10 PENGELOLAAN DAN SUMBER DAYA AIR / WATER RESOURCES AND MANAGEMENT

850 HAFIF, B. Prediksi ketersediaan air dan kebutuhan irigasi suplemen untuk optimasi pertumbuhan kedelai pada MT2 di Provinsi Lampung. Prediction of water availability and requirement for supplementary irrigation to optimize soybean growth in the second cropping season in Lampung Province/ Hafif, B.; Erythrina; Zaini, Z. (Balai Pengkajian Teknologi Pertanian Lampung, Bandar Lampung (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 341-349, 7 tables; 8 ref.

GLYCINE MAX; WATER AVALABILITY; SUPPLEMENTAL IRRIGATION; WATER REQUIREMENTS; CLIMATE; GROWTH; PRODUCTIVITY; SUMATRA.

851 LISNAWATI, Y. Analisis perubahan penggunaan lahan dan pengaruhnya terhadap debit sungai dan daya dukung lahan di kawasan Puncak, Kabupaten Bogor. Analysis of land use change and its influence to water river debit and land carrying capacity in Puncak area, Bogor District/ Lisnawati, Y.; Sitorus, S.R.P.; Sudarmo (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 333-343, 7 ill., 5 tables; 2 ref.

JAVA; LAND USE; WATER RESOURCES; RIVERS; LAND DIVERSION.

P33 KIMIA DAN FISIKA TANAH / SOIL CHEMISTRY AND PHYSICS

852 HARTATIK, W. Peningkatan ketersediaan P pada tanah sawah mineral masam. [Improving P availability on acid mineral irrigated land]/ Hartatik, W.;

Suriadikarta, D.A. Prosiding seminar nasional sumberdaya lahan pertanian, Bogor, 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 275-276, 3 ill., 14 tables; 12 ref.
631.4/SEM/p

ORYZA SATIVA; IRRIGATED LAND; FARMYARD MANURE; ROCK PHOSPHATE; APPLICATION RATES; PHOSPHATE FERTILIZERS; SOIL CHEMICOPHYSICAL PROPERTIES; GROWTH; YIELDS.

853 NURIDA, N.L. Perubahan fraksi bahan organik dan agregasi tanah pada Ultisol Jasinga terdegradasi akibat pengolahan tanah dan pemberian bahan organik. Changes of soil organic matter fraction and soil aggregation on degraded Ultisol Jasinga by soil tillage and organic matter practices/ Nurida, N.L.; Haridjaja, O.; Arsyad, S.; Sudarsono; Kurnia, U.; Djakakirana, G. (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 321-332, 7 tables; 16 ref.

JAVA; ACRISOLS; SOIL ORGANIC MATTER; SOIL STRUCTURAL UNITS; TILLAGE; ORGANIC MATTER.

854 RESMAN. Kajian beberapa sifat kimia dan fisika Inceptisols pada toposekuen lereng Selatan Gunung Merapi Kabupaten Sleman. [Study on some chemicophysical characteristics Inceptisols on slope toposequen of South Gunung Merapi, Sleman Regency (Indonesia)]/ Resman (Akademi Manajemen Informatika Komputer-Yapenas, Kendari (Indonesia)); Siradz, S.A.; Sunarminto, B.H. Jurnal Ilmu Tanah dan Lingkungan (Indonesia) ISSN 0853-6368 (2006) v. 6(2) p. 101-108, 4 tables; 9 ref.

JAVA; SLOPING LAND; SOIL CHEMICOPHYSICAL PROPERTIES; VOLCANIC AREAS.

855 SUBIKSA, I G.M. Kalibrasi nilai parameter hubungan kuantitas-intensitas (Q-1) kalium pada lahan kering masam. [Calibration of quantity-intencity parameter value of potassium on acid dryland]/ Subiksa, I G.M.; Sudarsono; Sabiham, S. Prosiding seminar nasional sumber daya lahan pertanian, Bogor, 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung, S. (eds.). Bogor: BBSDLP, 2006: p. 355-375, 7 ill., 6 tables; 12 ref.
631.4/SEM/p

ZEA MAYS; GLYCINE MAX; ORYZA SATIVA; POTASH FERTILIZERS; SOIL CHEMICOPHYSICAL PROPERTIES; YIELDS; ACID SOILS; DRY FARMING.

856 WIDOWATI, L.R. Jumlah kebutuhan unsur hara mikro boron (B) pada tanah Inceptisols Cibatok untuk kacang tanah (*Arachis hypogaea*). [Boron requirement on Inceptisols for groundnut (*Arachis hypogaea*)]/ Widowati, L.R.; Djuanda, T.; Setyorini, D. Prosiding seminar nasional sumber daya lahan pertanian, Bogor, 14-15 Sep 2006. Buku 1/ Subardja, D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung (eds.). Bogor: BBSDLP, 2006: p. 343-353, 5 ill.; 2 tables; 10 ref.
631.4/SEM/p

ARACHIS HYPOGAEA; BORON; SOIL CHEMICOPHYSICAL PROPERTIES; FERTILIZER APPLICATION; GROWTH; YIELDS; ECONOMIC ANALYSIS.

857 YUNAN, A. Karakteristik tanah yang berkembang dari batuan Diorit dan Andesit Kabupaten Sleman, Yogyakarta. [Soil characteristic developed from Diorite and Andesite in Sleman, Yogyakarta]/ Yunan, A. (Akademi Manajemen Informatika Komputer-Yapenas, Kendari (Indonesia)); Maas, A.; Siradz, S.A. Jurnal Ilmu Tanah dan Lingkungan (Indonesia) ISSN 0853-6368 (2006) v. 6(2) p. 109-115, 4 ill., 10 ref.

JAVA; SOIL GENESIS; DIORITE SOILS; MINERAL SOILS; SOIL CHEMICOPHYSICAL PROPERTIES; ORGANIC MATTER.

P34 BIOLOGI TANAH / SOIL BIOLOGY

858 HANDAYANI, A. Isolasi dan karakterisasi kitinase akar tusam (*Pinus merkusii* Jungh. et de Vriese) yang bersimbiosis dengan fungi ektomikorisa. Isolation and characterization chitinase in tusam (*Pinus merkusii* Jungh. et de Vriese)

roots during symbiosis with ectomycorrhizal fungi/ Handayani, A.; Widyastuti, S.M.; Margino, S. (Universitas Gadjah Mada, Yogyakarta (Indonesia)). Jurnal Perlindungan Tanaman Indonesia (Indonesia) ISSN 1410-1637 (2005) v. 11(2) p. 96-104, 5 ill., 1 table; 22 ref.

PINUS MERKUSII; ROOTS; ISOLATION; CHITINASE; MYCORRHIZAE.

859 NINGSIH, R.D. Tanggap tanaman kacang tunggak terhadap inokulasi rhizobium dan asam indol asetat pada tanah Ultisol. Response of cowpea to rhizobium inoculation and indole acetic acid (IAA) in the Ultisols/ Ningsih, R.D. (Balai Pengkajian Teknologi Pertanian Kalimantan Selatan, Banjarbaru (Indonesia)); Anas, I. Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 362-374, 1 ill., 5 tables; 18 ref.

VIGNA UNGUICULATA; INOCULATION; RHIZOBIUM LEGUMINOSARUM; IAA; ROOT NODULATION; NUTRIENT UPTAKE; PLANT RESPONSE; APPLICATION RATES; YIELD INCREASES; ACRISOLS.

860 OMON, R.M. Pengaruh suhu dan lama penyimpanan tablet mikoriza terhadap pertumbuhan setek meranti merah. Effect of temperature and storage duration of mycorrhizae tablet to growth of red meranti cuttings/ Omon, R.M (Loka Penelitian dan Pengembangan Satwa Primata Samboja (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(2) p. 129-138, 2 ill; 5 tables; 26 ref

SHOREA; CUTTINGS; MYCORRHIZAE; TEMPERATURE; STORAGE; DURATION; GROWTH.

861 SOEDARJO, M. Estimasi densitas dan efektivitas rhizobium endogen lahan kering Alfisol pada tanaman kedelai. [Estimation of cell density and effectiveness of endogenous rhizobia from upland soils on soybean]/ Soedarjo, M.; Sucahyono, D. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 431-440, 7 tables; 15 ref.

GLYCINE MAX; RHIZOBIUM; DENSITY; INDIGENOUS ORGANISMS; MICROBIAL PROPERTIES; ROOT NODULATION; DRY FARMING; LUVISOLS.

862 SUDADI. Potensi *Aspergillus japonicus* dan *Penicillium nalgiovensis* pengoksidasi belerang sebagai pelarut fosfat. [Potential of *Aspergillus japonicus* dan *Penicillium nalgiovensis* as phosphate soluble bacteria]/ Sudadi; Prijambada, I.D.; Kabirun, S.; Maas, A.; Widada, J. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Sekolah Pasca sarjana). Prosiding seminar nasional hasil penelitian pertanian, Yogyakarta, 15 Sep 2006. Yogyakarta: UGM, 2006: p. 188-193, 2 ill; 1 table; 18 ref.
631.001.6/SEM/r

ASPERGILLUS; PENICILLIUM; REDOX POTENTIAL; OXIDATION; SULPHUR; SOLVENTS; PHOSPHATES; ROCK PHOSPHATE.

863 YASSIR, I. Hubungan potensi antara cendawan mikoriza arbuskula dan sifat-sifat tanah di lahan kritis. Relationship between arbuscular mycorrhizae fungi potency and soil properties in marginal land/ Yassir, I.; Omon, R.M. (Loka Penelitian dan Pengembangan Satwa Primata Samboja (Indonesia)). Jurnal Penelitian Hutan Tanaman (Indonesia) ISSN 1829-6327 (2006) v. 3(2) p. 107-115, 1 ill; 3 tables; 22 ref.

MARGINAL LAND; VESICULAR ARBUSCULAR MYCORRHIZAE; SOIL CHEMICOPHYSICAL PROPERTIES.

P35 KESUBURAN TANAH / SOIL FERTILITY

864 JUMBERI, A. Dinamika ketersediaan fosfat pada tiga macam fosfat alam di tanah sulfat masam. [Dynamic of phosphate availability on three types of rock phosphate in acid sulphate soil]/ Jumberi, A.; Hairani, A.; Indrayati, L.; Annisa Y.,W. Prosiding seminar nasional sumber daya lahan pertanian, Bogor, 14-15 Sep 2006. Buku 1/ Subardja,

D.S.; Saraswati, R.; Mamat, H.S.; Sutrisno, N.; Setyorini, D.; Wahyunto; Sukarman; Ritung (eds.). Bogor: BBSDLP, 2006: p. 307-318, 3 tables; 7 ref.
631.4/SEM/p

ORYZA SATIVA; ACID SOILS; SOIL CHEMICOPHYSICAL PROPERTIES; PH; ORGANIC MATTER; SOIL FERTILITY; CULTIVATION; PHOSPHATE FERTILIZERS; YIELDS.

865 MUSFAL. Pengkajian status hara N, P, K, dan rekomendasi pupuk untuk tanaman padi sawah di Kabupaten Simalungun. Assessment of N,P,K nutrient status and fertilizer recommendation for lowland rice in Simalungun District (Indonesia)/ Musfal (Balai Pengkajian Teknologi Pertanian Sumatera Utara, Medan (Indonesia)). Prosiding seminar nasional inovasi dan alih teknologi spesifik lokasi mendukung revitalisasi pertanian, Medan, 5 Jun 2007. Buku 1/ Sudana, W.; Moudar, D.; Jamil, A.; Yufdi, P.; Napitupulu, B.; Daniel, M.; Simatupang, S.; Nainggolan, P.; Hayani; Haloho, L.; Darmawati; Suryani, S. (eds.). Bogor: BBP2TP, 2007: p. 256-263, 13 tables; 4 ref.
631.152/SEM/p bk1

IRRIGATED RICE; SOIL FERTILITY; NITROGEN FERTILIZERS; PHOSPHATE FERTILIZERS; POTASH FERTILIZERS; SOIL ANALYSIS; SUMATRA.

P40 METEOROLOGI DAN KLIMATOLOGI / METEOROLOGY AND CLIMATOLOGY

866 LIDJANG, I.K. Analisis kebijakan dampak kekeringan di Kabupaten Sumba Timur. [Policy analysis of drought impact in Sumba Timur Regency (Indonesia)]/ Lidjang, I.K.; Yusuf; Nulik, J. (Balai Pengkajian Teknologi Pertanian Nusa Tenggara Timur, Kupang (Indonesia)). Prosiding seminar nasional komunikasi hasil-hasil penelitian bidang tanaman pangan, perkebunan dan peternakan dalam sistem usaha tani lahan kering, Kupang, 26-27 Jul 2006/ Nugraha, U.S.; Nulik, J.; Mardianto, S.; Yusuf; Basuki, T.; Lidjang, I.K.; Ngongo, Y.; Budisantoso, E. (eds.). Bogor: BBP2TP, 2006: p. 471-486, 5 tables; 19 ref.
633.1/.9:636/SEM/p

NUSA TENGGARA; DROUGHT; CLIMATE; ENVIRONMENTAL IMPACT; FOOD SECURITY; FOOD STOCKS; FOOD SUPPLY; POLICIES; MONITORING; NUSA TENGGARA.

867 NUGROHO, P.A. Beberapa anasis iklim dan pengaruhnya dalam budi daya tanaman karet. [Several climate element and its effect in rubber cultivation]/ Nugroho, P.A.; Istianto. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2006) v. 25(2) p. 59-69, 4 tables; 25 ref.

HEVEA BRASILIENSIS; CULTIVATION; RAIN; WINDS; TEMPERATURE; CLONES.

868 YUNIZAR. Identifikasi dan interpretasi agroklimat Kuantan Tengah Kabupaten Kuantan Singingi, Riau. Identification and interpretation of agroclimate in Kuantan Singingi, Riau/ Yunizar (Balai Pengkajian Teknologi Pertanian Riau, Padang Marpoyan (Indonesia)). Buletin Inovasi Pertanian (Indonesia) ISSN 1979-0805 (2007) v. 1(1) p. 25-28, 5 ill., 2 tables; 15 ref.

ORYZA SATIVA; UPLAND RICE; GLYCINE MAX; ZEA MAYS; ARACHIS HYPOGAEA; AGROECOSYSTEMS; SUMATRA.

Q01 ILMU DAN TEKNOLOGI PANGAN / FOOD SCIENCE AND TECHNOLOGY

869 SETYADJIT. Peranan teknologi olahan buah dalam peningkatan ekonomi Indonesia. [Role of fruit processing technology in increasing Indonesian economics]/ Setyadjit; Agustinisari, I.; Yulianingsih; Setyabudi, D.A. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 578-587, 3 tables; 8 ref.
631.57:631.152/SEM/p bk1

MANGOES; CITRUS; BANANAS; FRUIT PULPS; POSTHARVEST TECHNOLOGY; PROCESSED PLANT PRODUCTS; ECONOMIC SOCIOLOGY; INDONESIA.

Q02 PENGOLAHAN DAN PENGAWETAN PANGAN / FOOD PROCESSING AND PRESERVATION

870 ANTARLINA. Pengolahan keripik buah-buahan lokal Kalimantan menggunakan penggoreng vakum. [Processing of Kalimantan fruit cryps using vacuum frying]/ Antarlina; Rina, Y. (Balai Penelitian Pertanian Lahan Rawa, Banjarbaru (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 2: alsin, sosek dan kebijakan/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 1113-1126, 16 tables; 7 ref.

BANANAS; PINEAPPLES; SALACCA EDULIS; PROCESSING; CUTTING; DRYING; SOAKING; LIMING; CARBOHYDRATE CONTENT; ORGANOLEPTIC PROPERTIES.

871 DARMAWIDAH. Teknologi pengolahan bawang merah. [Processing technology of shallot (*Allium ascalonicum*)]/ Darmawidah; Dewayani, W.; Cicu (Balai Pengkajian Teknologi Pertanian Sulawesi Selatan, Makassar (Indonesia)); Purwani, E.Y. Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 628-636, 4 ill., 1 table; 11 ref.
631.57:631.152/SEM/p bk1

ALLIUM ASCALONICUM; PROCESSING; FLOURS; DRIED PRODUCTS; PROCESSED PLANT PRODUCTS.

872 DJAAFAR, T.F. Pengolahan emping garut sebagai salah satu bentuk penganekaragaman pangan dalam rangka mendukung kegiatan industri rumah tangga . [Processing of arrowroot chips as food diversity to support home industry activities]/ Djaafar, T.F.; Rahayu, S.; Murwati (Balai Pengkajian Teknologi Pertanian, Yogyakarta (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 549-556, 4 tables; 15 ref.
631.57:631.152/SEM/p bk1

MARANTA ARUNDINACEA; FOOD TECHNOLOGY; COTTAGE INDUSTRY; DRIED PRODUCTS; PROCESSING; ORGANOLEPTIC PROPERTIES; INPUT OUTPUT ANALYSIS.

873 ERAWATI, C.M. Kendali stabilitas beta karoten selama proses produksi tepung ubi jalar (*Ipomoea batatas* L.). Control of beta carotene stability during production process of sweet potato flour/ Erawati, C.M.; Muchtadi, T.R.; Hariyadi, P. (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 289-299, 2 ill., 6 tables; 27 ref.

SWEET POTATOES; FLOURS; CAROTENOIDS; PROCESSED PLANT PRODUCTS.

874 GINTING, E. Peningkatan daya guna dan nilai tambah ubi jalar berukuran kecil melalui pengolahan menjadi saos dan selai. Improving the utilization and added value of small sweet potatoes through sauce and jam preparations/ Ginting, E.; Prasetiaswati, N.; Widodo, Y. (Balai Penelitian Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 580-592, 2 ill., 7 tables; 21 ref.

SWEET POTATOES; PROCESSING; VALUE ADDED; SAUCES; JAMS; CHEMICOPHYSICAL PROPERTIES; PROXIMATE COMPOSITION; ORGANOLEPTIC PROPERTIES; QUALITY.

875 HERAWATI, H. Pengolahan konsentrat sari buah labu jepang (kobucha) dengan menggunakan evaporator. [Processing of kobucha fruit extracts concentrate by using]/ Herawati, H.; Kusbiantoro, B. (Balai Pengkajian Teknologi Pertanian Jawa Barat, Lembang (Indonesia)). Prosiding seminar

nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 588-597, 2 ill., 3 tables; 14 ref.
631.57:631.152/SEM/p bk1

FRUITS; PLANT EXTRACTS; CONCENTRATES; POSTHARVEST EQUIPMENT; PROCESSING; CHEMICOPHYSICAL PROPERTIES; ORGANOLEPTIC ANALYSIS.

876 SUMANGAT, D. Pengaruh lama penyulingan dan kondisi bahan pada proses penyulingan terhadap rendemen dan karakteristik mutu minyak kapulaga lokal (*Amomum cardamomum*) dan kapulaga sabrang (*Elletaria cardamomum*). [Influence of distillation time and condition of raw material in distillation process on the rendemen and quality of cardamon oil]/ Sumangat, D.; Mulyono, E. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 643-731, 5 tables; 10 ref. Appendices.
631.57:631.152/SEM/p bk1

CARDAMOMS; DISTILLING; QUALITY; RAW MATERIALS; ESSENTIAL OILS; CHEMICOPHYSICAL PROPERTIES.

877 SUMANGAT, D. Pengaruh jenis dan konsentrasi garam serta metode pengasinan terhadap karakteristik jahe asinan. [Influence of type concentration of salt and salting method on the characteristic of salted ginger]/ Sumangat, D.; Risfaheri; Mulyawanti, I. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 755-763, 8 ill., 9 ref.
631.57:631.152/SEM/p bk1

GINGER; BRINING; METHODS; SALTS.

878 WIDANINGRUM. Studi HACCP pada proses produksi bubur buah (puree) mangga skala pilot. [Assessment of HACCP (Hazard analysis critical control point) on pilot scale mangoes puree]/ Widaningrum; Mulyawanti, I.; Setyadjit (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 2: alsin, sosek dan kebijakan/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 1030-1042, 1 ill., 4 tables; 4 ref.

MANGOES; POSTHARVEST TECHNOLOGY; PROCESSING; FRUIT PULPS; HACCP; GRADING; FOOD SAFETY.

Q03 KONTAMINASI DAN TOKSIKOLOGI PANGAN / FOOD CONTAMINATION AND TOXICOLOGY

879 HALIZA, W. Keragaan kontaminan mikotoksin pada jagung. [Performance of mycotoxin contamination on maize]/ Haliza, W.; Munarso, S.J.; Miskiyah (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 2: alsin, sosek dan kebijakan/ Munarso, S.J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 1043-1057, 1 tables; 40 ref.

MAIZE; CONTAMINATION; MYCOTOXINS; AFLATOXINS; ZEARALENONE; VOMITOXIN; FUMONISINS; IDENTIFICATION; PREHARVEST TREATMENT; HARVESTING; POSTHARVEST TECHNOLOGY.

880 SUKASIH, E. Ketahanan panas mikroba perusak puree mangga (*Mangifera indica* L.). [Heat resistant microorganism isolated from rotten mangi puree (*Mangifera indica* L.)/ Sukasih, E.; Setyadjit (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian,

Bogor (Indonesia)); Wirakartakusumah; Hariyadi, R.D. Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 567-577, 2 ill., 6 tables.
631.57:631.152/SEM/p bk1

MANGOES; FRUIT PULPS; HEAT TOLERANCE; POLLUTANTS; BACTERIA; ISOLATION.

Q04 KOMPOSISI PANGAN / FOOD COMPOSITION

881 RATNANINGSIH. Studi pendahuluan sifat voskoelastis umbi ubi jalar ungu menggunakan model "Simplified Maxwell-Kelvin" dan "Degenerated Maxwell". [Preliminary study of viscoelastic properties of sweet potato using "Simplified Maxwell-Kelvin" and "Degenerated Maxwell" models]/ Ratnaningsih; Tastra, I K. (Balai Penelitian Tanaman Kacang-kacangan dan Umbi-umbian, Malang (Indonesia)). Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 593-602, 7 ill., 2 tables; 10 ref.

SWEET POTATOES; TUBERS; ELASTICITY; MOISTURE CONTENT; CRUDE FIBRE; POSTHARVEST TECHNOLOGY; MODELS; HEALTH FOODS.

882 USMIATI, S. Karakteristik proksimat dan profil warna tepung labu kuning. [Proximate character and color profile of pumpkins flour]/ Usmiati, S.; Yuliani, S.; Setiyanto, H. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 454-461, 1 ill., 3 tables; 11 ref.
631.57:631.152/SEM/p bk1

CUCURBITA; FLOURS; PROXIMATE COMPOSITION; COLOUR.

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

883 AMIARSI, D. Pengaruh jenis dan perbandingan pelarut terhadap hasil ekstraksi minyak atsiri mawar. Effect of kinds and composition of solvent on the yield of rose essential oil/ Amiarsi, D.; Yulianingsih) (Balai Penelitian Tanaman Hias, Cianjur (Indonesia)); Sabari S.D. Jurnal Hortikultura (Indonesia) ISSN 0853-7097 (2006) v. 16(4) p. 356-359, 1 table; 10 ref.

ROSA; FLOWERS; ESSENTIAL OILS; EXTRACTION; DISTILLING.

884 BASRI, I.H. Pengaruh penyiapan bahan dan penyulingan terhadap rendemen dan kualitas minyak nilam. [Effect of material preparation and distillation on the rendemen and quality of patchouli oil]/ Basri, I.H. (Balai Pengkajian Teknologi Pertanian Bengkulu (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 822-828, 5 tables; 10 ref.
631.57:631.152/SEM/p bk1

ESSENTIAL OIL CROPS; DISTILLING; POSTHARVEST TECHNOLOGY.

885 CIFRIADI, A. Sifat teknis vulkanisat sol sepatu karet alam menggunakan bahan pengisi abu terbang. [Technical properties on shoe sole vulcanizate from natural rubber by using fly ash]/ Cifriadi, A.; Maspanger, D.R. (Balai Pengkajian Teknologi Karet, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 701-708, 1 ill., 5 tables; 9 ref.
631.57:631.152/SEM/p bk1

RUBBER; TECHNICAL PROPERTIES; FLY ASH; USES.

886 FATHURROHMAN, M.I. Kajian proses pembuatan linolium berbasis karet alam skala pabrik. [Study linolium processing based on nature rubber factory scale]/ Fathurrohman, M.I.; Ramadhan, A. Warta Perkaretan (Indonesia) ISSN 0852-8985 (2006) v. 25(1) p. 63-71, 2 ill., 7 ref.

RUBBER; PROCESSED PLANT PRODUCTS; PROCESSING.

887 HARIMURTI, N. Pemanfaatan teknologi membran dalam proses pemisahan gum (degumming) dari minyak jarak pagar kasar (crude *Jatropha curcas* oil). [Utilization of membrane technology on degumming process from crude *Jatropha curcas* L.]/ Harimurti, N. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 361-367, 2 ill., 2 tables; 10 ref.
633.853.3-117/LOK/p c2

CASTOR OIL; BIOFUELS; PROCESSING; DEGUMMING; MEMBRANES; CHEMICOPHYSICAL PROPERTIES; PURIFICATION.

888 SYAH, A.N.A. Medium chain triglyceride (MCT): trigliserida pada minyak kelapa dan pemanfaatannya. [Medium chain triglyceride (MCT): trigliseride on coconut oil and its utilization]/ Syah, A.N.A.; Sumangat, D. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 688-700, 8 ill., 2 tables; 11 ref.
631.57:631.152/SEM/p bk1

COCONUT OIL; TRIGLYCERIDES; USES; TRADITIONAL MEDICINES.

889YULIANI, S. Pemisahan gum dari minyak jarak dengan cara penambahan air dan asam. [Gum separation from *Jatropha curcas* oil by adding water and acid]/ Yuliani, S.; Charunnisa, A.; Harimurti, N.; Sumangat, D. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding lokakarya ke-2 status teknologi tanaman jarak pagar (*Jatropha curcas* L.), Bogor, 29 Nop 2006/ Karmawati, E.; Wahyudi, A.; Effendi, D.S.; Maya, I.N.; Sumanto; Yusniarti; Mukhasim (eds.). Bogor: Puslitbangbun, 2007: p. 348-353, 2 ill., 2 tables; 8 ref.
633.853.3-117/LOK/p c2

CASTOR OIL; BIOFUELS; DEGUMMING; PHOSPHOLIPIDS; CHEMICOPHYSICAL PROPERTIES.

Q70 PENGOLAHAN LIMBAH PERTANIAN / PROCESSING OF AGRICULTURAL WASTES

890 KAILAKU, S.I. Potensi tepung kelapa dari ampas industri pengolahan kelapa. [Potential of coconut flour from coconut industrial wastes]/ Kailaku, S.I.; Mulyawanti, I.; Dewandari, K.T.; Syah, A.N.A. (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri; Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 669-678, 3 ill., 3 tables; 16 ref.
631.57:631.152/SEM/p bk1

COCONUTS; FLOURS; PROCESSING; BYPRODUCTS; INDUSTRIAL WASTES; PROTEIN CONTENT.

891 MULYONO, E. Teknologi pengolahan cairan kulit biji jambu mete (CNSL) dan pemanfaatannya untuk industri. [Processing technology of cashew nut shell liquid (CNSL) and its utilization for industrial sector]/ Mulyono, E.; Abubakar (Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor (Indonesia)). Prosiding seminar nasional teknologi inovatif pascapanen untuk pengembangan industri berbasis pertanian, Bogor, 7-8 Sep 2005. Buku 1: proses dan pengolahan hasil/ Munarso, J.; Prabawati, S.; Abubakar; Setyadjit; Risfaheri;

Kusnandar, F.; Suaib, F. (eds.). Bogor: BB Pascapanen, 2005: p. 645-657, 4 tables; 19 ref. 631.57:631.152/SEM/p bk1

CASHEWS; SHELL; LIQUIDS; PROCESSING; EXTRACTION; CHEMICAL COMPOSITION; USES; SECONDARY SECTOR.

892 MURNIWATI, T. Analisis *willingness to pay* pengelolaan sampah pasar tradisional Kota Bogor. Willingness to pay analysis of market waste management in Bogor Municipal/ Murniwati, T.; Sutamihardja, R.T.M.; Putri, E.I.K. (Institut Pertanian Bogor (Indonesia). Sekolah Pascasarjana). Forum Pascasarjana (Indonesia) ISSN 0126-1886 (2006) v. 29(4) p. 277-287, 5 ill., 4 tables; 6 ref.

SOLID WASTES; WASTE MANAGEMENT; POLLUTION; JAVA.

T01 POLUSI / POLLUTION

893 BAROTO. Taraf pencemaran dan kandungan kromium (Cr) pada air dan tanah di daerah aliran Sungai Code Yogyakarta. [Pollution level and cromium content on water and soil in Code Watershed, Yogyakarta]/ Baroto; Siradz, S.A. (Universitas Gadjah Mada, Yogyakarta (Indonesia). Fakultas Pertanian). Jurnal Ilmu Tanah dan Lingkungan (Indonesia) ISSN 0853-6368 (2006) v. 6(2) p. 82-100, 5 ill., 4 tables; 14 ref.

JAVA; SOIL; SOIL POLLUTION; CHROMIUM; WATERSHEDS.

894 HADI, A. Emisi gas rumah kaca dari pertanaman kedelai di lahan sub-optimal Kalimantan Selatan. Greenhouse gas emissions from soybean plantation in sub-optimal marginal land in South Kalimantan/ Hadi, A. (Universitas Lambung Mangkurat, Banjarbaru (Indonesia). Fakultas Pertanian); Inubushi, K. Peningkatan produksi kacang-kacangan dan umbi-umbian mendukung kemandirian pangan, Malang, 25-26 Jul 2005/ Suharsono; Makarim, A.K.; Rahmianna, A.A.; Adie, M.M.; Taufiq, A.; Rozi, F.; Tastra, I K.; Harnowo, D. (eds.). Bogor: Puslitbangtan, 2006: p. 381-389, 2 ill., 2 tables; 12 ref.

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DROUGHT; REMOTE SENSING.

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