

BIBLIOGRAFI **HASIL PENELITIAN PERTANIAN**KOMODITAS KACANG TANAH



PUSAT PERPUSTAKAAN DAN PENYEBARAN TEKNOLOGI PERTANIAN
Badan Penelitian dan Pengembangan Pertanian
Kementerian Pertanian
2010

Bibliografi HASIL PENELITIAN PERTANIAN KOMODITAS KACANG TANAH 2005-2010

Pusat Perpustakaan dan Penyebaran Teknologi Pertanian Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian 2010

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KATA PENGANTAR

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Kepala Pusat,

Ir.Ning Pribadi, M.Sc.

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- 152. Registration of 'AT 3081R' peanut/ Anderson-W-F. Harvey-J-E. *Crop Science*, 2006, 46 (1), p. 467-468
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- 157. Registration of 'Georgia-05E' peanut/ Branch-W-D. *Crop Science*, 2006, 46 (5), p. 2305
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 Groundnuts; Introduced varieties; Kernels;

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Crop Science, 2006, 46 (1), p. 481-482

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- 185. Behavior of peanut bulk under static loads/ E. Guzel, I.D. Akcali, A. Ince

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- 186. Bicarbonate concentration as affected by soil water content controls iron nutrition of peanut plants in a calcareous soil/ Y. Zuo ... [et al.]
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- 187. Biological control by Trichoderma species of *Fusarium solani* causing peanut brown root rot under field conditions/ Federico G. Rojo ... [et al.]
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Keywords: Forecasting; Gene expression; Kernels; Lipid content; Neural networks; Nuts; Groundnut oil; Yields

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Crop Science, 2007, 47 (2), p. 607-621

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Keywords: Buds; Groundnuts; Infestation; Pest insects; Pests of plants; Plant developmental stages; Varieties

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Plant Disease, 2007, 91 (7), p. 822-827

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215. Effects of row pattern, seeding rate, and inoculation date on fungicide efficacy and development of peanut stem rot/ Sconyers-L-E. ... [et al.]

Plant Disease, 2007, 91 (3), p. 273-278

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Keywords: Consumption; Design; Equipment performance; Fuels; Groundnuts; Performance testing; Threshers; Threshing

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Food Chemistry, 2007, 105 (4), p. 1671-1681

Keywords: Allergens; Analytical methods; Electrophoresis; ELISA; Food allergies; Groundnuts; Protein content; Technology

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Journal of Food Protection, 2007, 70 (3), p. 771-775

Keywords: Aflatoxins; Contamination; Feeds; Foods; Groundnuts; Milk

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- Keywords: Chemical composition; Chemicophysical properties; Drying; Emulsifying; Fermentation; Flours; Groundnuts; Processing; Protein content; Solubility; Spraying; Viscosity; Water binding capacity
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Keywords: Groundnuts; In vitro culture; Phenolic compounds; Plant propagation; Root hairs; Tissue culture

225. Production of isoflavones in seeds and seedlings of different peanut genotypes/ Kirakosyan-A.

Crop Science, 2007, 47 (2), p. 717-721

- Keywords: Chemical composition; Drug plants; Flavonoids; Genetic variation; Genotypes; Groundnuts; Seedlings; Seeds
- 226. Putranjiva roxburghii oil: a potential herbal preservative for peanuts during storage/ Tripathi-N-N. Narendra-Kumar *Journal of Stored Products Research*, 2007, 43 (4), p. 435-442

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- 227. Removal of Se(IV) from aqueous solution using sulphuric acid-treated peanut shell/ El-Shafey-E-I.

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Keywords: Arachis hypogaea; Biofuels; Cocos nucifera; Density; Diesel oil; Elaeis guineensis; Fuel crops; Gossypium hirsutum; Groundnut oil; Helianthus annuus; Mixing; Plant oils; Sabal palmetto; Vegetables

313. Determination of aflatoxins B1 and B2 by adsorptive cathodic stripping voltammetry in groundnut/ R. Hajian, A.A. Ensafi *Food Chemistry*, Volume 115, Issue 3, 1 August 2009, p.1034-1037, ISSN 0308-8146

Keywords: Adsorption; Aflatoxins; Experimental design; Voltammetry

Determination of efficient test sites for evaluation of peanut breeding lines using the CSM-CROPGRO-peanut model/ C. Putto ... [et al.]

Field Crops Research, Volume 110, Issue 3, 28 February 2009, p. 272-281, ISSN 0378-4290

- Keywords: Agronomic characters; Analytical methods; Environmental factors; Inbred lines; Sampling; Simulation models; Plant breeding; Yield forecasting
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Keywords: Aflatoxins; ELISA; Monoclonal antibodies

- 316. Development of a reversed-phase high performance liquid chromatography (RP-HPLC) procedure for the simultaneous determination of phenolic compounds in peanut skin extracts/ Maria Leonora Lotis D. Francisco, A.V.A. Resurreccion *Food Chemistry*, Volume 117, Issue 2, 15 November 2009, P. 356-363, ISSN 0308-8146
 - Keywords: Aromatic compounds; Flavonoids; Groundnuts; HPLC; Phenolic acids
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 - Keywords: Antioxidants; Drought stress; Efficiency; Groundnuts; Proline; Transgenic plants; Transpiration
- 318. Ecophysiological factor effect on growth rate, lag phase and ochratoxin A production by *Aspergillus niger* aggregate strains on irradiated peanut seeds/ A. Astoreca ... [et al.] *International Journal of Food Microbiology*, Volume 129, Issue 2, 15 February 2009, p. 131-135, ISSN 0168-1605
 - Keywords: Aspergillus niger; Environmental factors; Groundnuts; Ochratoxins
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- *LWT Food Science and Technology*, Volume 42, Issue 10, December 2009, p. 1717-1721, ISSN 0023-6438
- Keywords: Electrophoresis; Enzymes; Groundnuts; Hydrolysis; Pepsin; Protein content
- 320. Efficient isolation of major procyanidin A-type dimers from peanut skins and B-type dimers from grape seeds/ Maaike M. Appeldoorn ... [et al.]

Food Chemistry, Volume 117, Issue 4, 15 December 2009, p. 713-720, ISSN 0308-8146

Keywords: Grapes; Groundnuts; HPLC; Isolation; Phenolic compounds; Seeds

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Crop Protection, In Press, Corrected Proof, Available online 11 November 2009, ISSN 0261-2194

Keywords: Climate; Groundnuts; Tomato spotted wilt virus; Thrips (genus); Viruses; Weather

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Keywords: Arachis hypogaea; Blight; Groundnuts; Pathogens; Progeny; Rots; Varieties

Fumigation with essential oil of mustard retards fungal growth and accumulation of ergosterol and free fatty acid in stored shelled groundnuts/ O.D. Dhingra ... [et al.]

- Journal of Stored Products Research, Volume 45, Issue 1, 2009, p.24-31, ISSN 0022-474X
- Keywords: Acidity; Deterioration; Ergosterol; Fats; Free fatty acids; Groundnuts; Moulds; Oilseeds; Storage
- 325. HACCP plan proposal for a typical Brazilian peanut processing company/ Teresa Cristina Castilho Gorayeb ... [et al.] *Food Control*, Volume 20, Issue 7, July 2009, p. 671-676, ISSN 0956-7135
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Food and Bioproducts Processing, Volume 87, Issue 4, December 2009, p.273-281, ISSN 0960-3085

Keywords: Classification; Groundnuts; Image analysis; Mechanical properties; Moisture content

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 - Keywords: Agronomic characters; Arachis hypogaea; Groundnuts; Heavy metals; Leaves; Phenotypes; Plant anatomy; Rheological properties
- 330. Macromanagement of deficit-irrigated peanut with sprinkler irrigation/ Abdrabbo A. Abou Kheira *Agricultural Water Management*, Volume 96, Issue 10, October 2009, p. 1409-1420, ISSN 0378-3774
 - Keywords: Crop yield; Crops; Drought stress; Efficiency; Evapotranspiration; Groundnuts; Plant response; Productivity; Water use; Water yield; Yield components
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Crop Protection, In Press, Corrected Proof, Available online 31 December 2009, ISSN 0261-2194

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- 332. Maximising resveratrol and piceid contents in UV and ultrasound treated peanuts/ Jocelyn M. Sales, A.V.A. Resurreccion

Food Chemistry, Volume 117, Issue 4, 15 December 2009, p. 674-680, ISSN 0308-8146

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- 333. Mixing groundnut residues and rice straw to improve rice yield and N use efficiency/ W. Kaewpradit ... [et al.] *Field Crops Research*, Volume 110, Issue 2, 10 February 2009, p.130-138, ISSN 0378-4290

Keywords: Crop residues; Efficiency; Groundnuts; Nitrogen fertilizers; Nitrogen metabolism; Rice straw

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335. Multi-environment evaluation of peanut lines by model simulation with the cultivar coefficients derived from a reduced set of observed field data/ Anothai ... [et al.] *Field Crops Research*, Volume 110, Issue 2, 10 February 2009, p. 111-122, ISSN 0378-4290

Keywords: Evaluation; Models; Standardizing; Varieties; Yield components; Yield forecasting; Yields

336. Multiple shoot regeneration in seed-derived immature leaflet explants of peanut (*Arachis hypogaea* L.)/ Siddharth Tiwari, Rakesh Tuli

Scientia Horticulturae, Volume 121, Issue 2, 17 June 2009, p. 223-227, ISSN 0304-4238

Keywords: Groundnuts; Organogenesis; Plant growth substances; Plant propagation; Regeneration

Peanut genotypic variation in transpiration efficiency and decreased transpiration during progressive soil drying/ M. Jyostna Devi ... [et al.]

Field Crops Research, Volume 114, Issue 2, 10 November 2009, p. 280-285, ISSN 0378-4290

Keywords: Drying; Efficiency; Groundnuts; Soil deficiencies; Soil water deficit; Transpiration

338. Postharvest control of peanut *Aspergillus section Flavi* populations by a formulation of food-grade antioxidants/ Maria A. Passone ... [et al.]

International Journal of Food Microbiology, Volume 131, Issues 2-3, 31 May 2009, p. 211-217, ISSN 0168-1605

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International Journal of Food Microbiology, Volume 130, Issue 3, 15 April 2009, p.258-264, ISSN 0168-1605

Keywords: Amylases; Cereals; Energy value; Fermentation; Lactic acid bacteria; Simulated foods; Starter cultures

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 International Journal of Food Microbiology, Volume 130, Issue 1, 15 March 2009, p. 27-34, ISSN 0168-1605

 Keywords: Aflatoxins; Groundnuts; Kenya; Mycotoxins
- 341. Production and evaluation of some physicochemical parameters of peanut milk yoghurt/ Joel Isanga, Guonong Zhang *LWT Food Science and Technology*, Volume 42, Issue 6, July 2009, p. 1132-1138, ISSN 0023-6438

Keywords: Chemicophysical properties; Cow milk; Evaluation; Foods; Groundnuts; Milk; Yoghurt

342. Protein-based coatings on peanut to minimise oil migration/ Jaejoon Han, Simon Bourgeois, Monique Lacroix Food Chemistry, Volume 115, Issue 2, 15 July 2009, p. 462-468, ISSN 0308-8146

> Keywords: Chemical reactions; Chromatography; Coating; Groundnuts; Immobilization; Lipid content; Proteins

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Journal of Food Engineering, Volume 93, Issue 2, July 2009, p. 249-252, ISSN 0260-8774

- Keywords: Acids; Classification; Groundnut oil; Groundnuts; Infrared spectrophotometry; Quantitative analysis
- 344. Reducing the allergenic capacity of peanut extracts and liquid peanut butter by phenolic compounds/ Si-Yin Chung, Elaine T. Champagne

Food Chemistry, Volume 115, Issue 4, 15 August 2009, p. 1345-1349, ISSN 0308-8146

Keywords: Allergens; Binding proteins; Caffeic acid; Chlorogenic acid; Ferulic acid; Food allergies; Groundnuts; Hypersensitivity; Peanut butter; Phenolic compounds

Relationship between total nodulation and nodulation at the root crown of peanut, soybean and common bean plants/ Juscelio D. Cardoso ... [et al.]

Soil Biology and Biochemistry, Volume 41, Issue 8, August 2009, p. 1760-1763, ISSN 0038-0717

Keywords: Arachis hypogaea; Bradyrhizobium; Glycine max; Legumes; Phaseolus vulgaris; Rhizobium; Symbiosis

346. Shelf life of linseeds and peanuts in relation to roasting/ Bettina Cammerer, Lothar W. Kroh

LWT - Food Science and Technology, Volume 42, Issue 2, March 2009, p. 545-549, ISSN 0023-6438

Keywords: Chemical reactions; ESR spectroscopy; Groundnuts; Keeping quality; Linseed; Maillard reaction; Oxidation; Processing

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Food and Chemical Toxicology, Volume 47, Issue 6, June 2009, p. 1198-1204, ISSN 0278-6915

Keywords: Food allergies; Groundnuts; Hypersensitivity; Simulation models

348. Total phenolics and antioxidant capacity of heat-treated peanut skins/ Maria Leonora Lotis D. Francisco, A.V.A. Resurreccion *Journal of Food Composition and Analysis*, Volume 22, Issue 1, February 2009, p. 16-24, ISSN 0889-1575

Keywords: Antioxidants; Foods; Nuts; Phenolic content; Proximate composition

- 349. Use of propyl paraben to control growth and ochratoxin A production by *Aspergillus section Nigri* species on peanut meal extract agar/ Carla Barberis ... [et al.] *International Journal of Food Microbiology*, Volume 136, Issue 1, 30 November 2009, p. 133-136, ISSN 0168-1605 **Keywords: Aspergillus niger; Growth control; Ochratoxins**
- Viscosity of diesel oil and mixtures with straight vegetable oils: Palm, cabbage palm, cotton, groundnut, copra and sunflower/ Abolle Abolle, Loukou Kouakou, Henri Planche *Biomass and Bioenergy*, Volume 33, Issue 9, September 2009, p. 1116-1121, ISSN 0961-9534

Keywords: Arachis hypogaea; Biofuels; Cocos nucifera; Diesel oil; Elaeis guineensis; Gossypium hirsutum; Groundnut oil; Helianthus annuus; Plant oils; Sabal palmetto; Vegetables; Viscosity

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 - **Keywords: Analytical** methods; Chemicophysical properties; Fatty acids; Gas chromatography; **Groundnuts**; Varieties
- 352. Roast effects on the hydrophilic and lipophilic antioxidant capacities of peanut flours, blanched peanut seed and peanut skins/ J.P. Davis ... [et al.]

Food Chemistry, Volume 119, Issue 2, 15 March 2010, p. 539-547, ISSN 0308-8146

Keywords: Antioxidants; Flours: Groundnuts; Hydrophobicity; Maillard reaction; Oxygen requirement; Testa

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