

Spices bibliography – 2000 (Part I)

Compiled by: P Azgar Sheriff

Indian Institute of Spices Research
Calicut – 673 012, Kerala.

Spices – General

- Anderson C, Lis Balchin M & Kirk Smith M 2000 Evaluation of massage with essential oils on childhood atopic eczema. *Phytotherapy Research* 14 (6) : 452-456.
- Baumann D T, Kropff M J & Bastiaans L 2000 Intercropping leeks to suppress weeds. *Weed Research Oxford* 40 (4) : 359-374.
- Behera U K & Jha K P 1999 Agro-economic assessment of different crops and cropping systems for the drought prone uplands of Kalahandi, Orissa. *Journal of the Andaman Science Association* 15 (1) : 30-34.
- Bowers J H & Locke J C 2000 Effect of botanical extracts on the population density of *Fusarium oxysporum* in soil and control of *Fusarium* wilt in the greenhouse. *Plant Disease* 84 (3) : 300-305.
- Broadhurst C L, Polansky M M & Anderson R A 2000 Insulin like biological activity of culinary and medicinal plant aqueous extracts *in vitro*. *Journal of Agricultural and Food Chemistry* 48 (3) : 849-852.
- Cesare L F di, Nani R, Brambilla A, Bertolo G & Fusari E L 2000 Drying of medicinal herbs: evaluation of volatile composition. *Rivista Italiana EPPOS* No. 29 : 29-37.
- Chang C, Gershwin M E, Gershwin M E, German J B & Keen C L 2000 The anti-inflammatory effects of Chinese herbs, plants and spices. *Nutrition and immunology: principles and practice* 439-450
- Chao S C, Young D G & Oberg C J 2000 Screening for inhibitory activity of essential oils on selected bacteria, fungi and viruses. *Journal of Essential Oil Research* 12 (5) : 639-649.
- Chen C C & Dong Y J 2000 Attraction of the oriental fruit fly (*Bactrocera dorsalis* Hendel) (Diptera: Tephritidae), to leaf extracts of five plants. *Chinese Journal of Entomology* 20 (1) : 37-44.
- Dong Yi Hu, Zhang L H, Xu J L & Li XZ 2000 AiiA, an enzyme that inactivates the acylhomoserine lactone quorum-sensing signal and attenuates the virulence of *Erwinia carotovora*. *Informatore Fitopatologico* 50 (5) : 61-63.
- Dorman H J D & Deans S G 2000 Antimicrobial agents from plants: antibacterial activity of plant volatile oils. *Journal of Applied Microbiology* 88 (2) : 308-316.

- Dorman H J D, Figueiredo A C, Barroso J G & Deans S G 2000 *In vitro* evaluation of antioxidant activity of essential oils and their components. *Flavour and Fragrance Journal* 15 (1) : 12-16.
- Dorman H J D, Surai P & Deans S G 2000 *In vitro* antioxidant activity of a number of plant essential oils and phytoconstituents. *Journal of Essential Oil Research* 12 (2) : 241-248.
- Farrar R R Jr. & Ridgway R L 2000 Laboratory evaluation of selected spray adjuvants as ultraviolet light protectants for the nuclear polyhedrosis virus of the celery looper (Lepidoptera: Noctuidae). *Journal of Entomological Science* 35 (3) : 239-250.
- Gamiz Gracia L & Luque de Castro M D 2000 Continuous subcritical water extraction of medicinal plant essential oil: comparison with conventional techniques. *Talanta Oxford* 51 (6) : 1179-1185 .
- Ganglberger E, Radauer C, Grimm R, Hoffmann Sommergruber K, Breiteneder H, Scheiner O & Jensen Jarolim E 2000 N-terminal sequences of high molecular weight allergens from celery tuber. *Clinical and Experimental Allergy* 30 (4) : 566-570.
- Gao ZhiFang & Loescher W H 2000 NADPH supply and mannitol biosynthesis. Characterization, cloning, and regulation of the non-reversible glyceraldehyde-3-phosphate dehydrogenase in celery leaves. *Plant Physiology* 124 (1) : 321-330.
- Guerra M, Vivas Z, Quintero I, Zambrano de Valera J & Crane J H 2000 Study of postharvest losses in nine horticultural commodities. *Proceedings of the Interamerican Society for Tropical Horticulture, Barquisimeto, Venezuela, 27 September-2 October, 1998*. 1998, publ. 42 : 404-411
- Guevara Y, Maselli A & Sanchez M del C 2000 Effect of plant extracts for the control on plant pathogenic bacteria. *Manejo Integrado de Plagas No. 56* : 38-44.
- Gurumurthy S B & Sreenivasa M N 2000 Occurrence and distribution of VAM fungi in the rhizosphere of five tree species grown under agroforestry system. *Environment and Ecology* 18 (2) : 500-502.
- Hashem M Y 2000 Suggested procedures for applying carbon dioxide (CO₂) to control stored medicinal plant products from insect pests. *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz* 107 (2) : 212-217.
- Hirschfeld D & Mahler K 2000 Asia-salads and vegetables - Orientals in local cultivation. Part II. *Gemuse Munchen* 36 (9) : 18-22.
- Horwitz W & Wood R 2000 Relationship of (known) control values to (unknown) test values in proficiency studies of pesticide residues. *Journal of AOAC International* 83 (2) : 399-406.
- Inouye S, Tsuruoka T, Watanabe M, Takeo K, Akao M, Nishiyama Y & Yamaguchi H 2000 Inhibitory effect of essential oils on apical growth of *Aspergillus fumigatus* by vapour contact. *Mycoses* 43 (1-2) : 17-23.
- Irshad Ahmad, Saqib Ali & Jan M R 2000 Physico-chemical analysis of fertilizer industry effluent and its effects on crop plants. *Pakistan Journal of Scientific and Industrial Research* 43 (2) : 83-89.
- Jovanovic N Z & Annandale J G 2000 Crop growth model parameters of 19 summer vegetable cultivars for use in mechanistic irrigation scheduling models. *Water S A* 26 (1) : 67-76.

- Keita S M, Vincent C, Schmit J P, Belanger A & Ramaswamy S 2000 Effect of various essential oils on *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae). *Journal of Stored Products Research* 36 (4) : 355-364.
- Kreydiyyeh S I, Usta J & Copti R 2000 Effect of cinnamon, clove and some of their constituents on the Na⁺-K⁺-ATPase activity and alanine absorption in the rat jejunum. *Food and Chemical Toxicology* 38 (9) : 755-762.
- Mathew A, Gangadharan P, Varghese C & Nair M K 2000 Diet and stomach cancer: a case-control study in South India. *European Journal of Cancer Prevention* 9 (2) : 89-97.
- Micklefield G H, Greving I & May B 2000 Effects of peppermint oil and caraway oil on gastroduodenal motility. *Phytotherapy Research* 14 (1) : 20-23.
- Moges F & Ashenafi M 2000 Characterization of *Bacillus* spp. from some spices and assessment of their spoilage potential in various traditional Ethiopian sauces. *Sinet, an Ethiopian Journal of Science* 23 (1) : 87-101.
- Naaz T & Prakash J 2000 Storage stability of ghee with added spices. *Indian Journal of Nutrition and Dietetics* 37 (1) : 20-27.
- Negi P S & Roy S K 2000 Effect of blanching and drying methods on beta-carotene, ascorbic acid and chlorophyll retention of leafy vegetables. *Lebensmittel Wissenschaft and Technologie* 33 (4) : 295-298.
- Nemeth E & Szekely 2000 Floral biology of medicinal plants II. Lamiaceae species. 8th International Pollination Symposium, Mosonmagyaróvár, Hungary, 10-14 July, 2000. *International Journal of Horticultural Science* 6 (3) : 137-140.
- Oda K, Matsuda H, Murakami T, Katayama S, Ohgitani T & Yoshikawa M 2000 Adjuvant and haemolytic activities of 47 saponins derived from medicinal and food plants. *Biological Chemistry Hoppe Seyler* 381 (1) : 67-74.
- Oka Y, Nacar S, Putievsky E, Ravid U, Yaniv Z & Spiegel Y 2000 Nematicidal activity of essential oils and their components against the root-knot nematode. *Phytopathology* 90 (7) : 710-715.
- Pandey R, Kalra A, Tandon S, Mehrotra N, Singh H N & Kumar S 2000 Essential oils as potent sources of nematicidal compounds. *Journal of Phytopathology* 148 (7-8) : 501-502.
- Platel K & Srinivasan K 2000 Influence of dietary spices and their active principles on pancreatic digestive enzymes in albino rats. *Nahrung* 44 (1) : 42-46.
- Rapparini G, Paci F & Bartolini D 2000 Update on weed control in horticultural crops. *Informatore Agrario* 56 (34) : 63-69.
- Sarma Y R & Anandaraj M 2000 Diseases of spice crops and their management. *Indian Journal of Arecanut, Spices and Medicinal Plants* 2 (1) : 6-20.
- Scartezzini P & Speroni E 2000 Review on some plants of Indian traditional medicine with antioxidant activity. *Journal of Ethnopharmacology* 71 (1-2) : 23-43.
- Schulz H, Quilitzsch R, Drews H H & Kruger H 2000 Estimation of minor components in caraway, fennel and carrots by NIRS-comparison of results from dispersive and fourier-transform instruments. Special Issue II. 3rd International Conference on Physics of Agro and Food Products, Dabrowica-Lublin, Poland, 26-28 May, 1998. *International Agrophysics* 14 (2) : 249-253.

- Shiva A 2000 Methods of sustainable harvesting and value addition for economic uplift and biodiversity conservation. Series No. 7. Harvesting of spice tree and shrub species viz. *Syzygium aromaticum*, *Myristica fragrans*, *Cinnamomum verum*, *Pimenta dioica*, *Tamarindus indica*, *Murraya koenigii*, *Garcinia cambogia* and *Laurus nobilis*. MFP News 10 (2) : 12-14.
- Shoba G, Joy D, Joseph T, Majeed M, Rajendran R & Srinivas P S S R 1998 Influence of piperine on the pharmacokinetics of curcumin in animals and human volunteers. *Planta Medica* 64 (4) : 353-356.
- Slattery M L, Benson J, Curtin K, Ma KheNi, Schaeffer D, Potter J D & Ma K N 2000 Carotenoids and colon cancer. *American Journal of Clinical Nutrition* 71 (2) : 575-582.
- Toda M, Kawabata J & Kasai T 2000 alpha-Glucosidase inhibitors from clove (*Syzygium aromaticum*). *Bioscience, Biotechnology and Biochemistry* 64 (2) : 294-298.
- Tunc I, Berger B M, Erler F & Dagli F 2000 Ovicidal activity of essential oils from five plants against two stored-product insects. *Journal of Stored Products Research* 36 (2) : 161-168.
- Vasudevan K, Vembar S, Veeraraghavan K & Haranath P S R K 2000 Influence of intragastric perfusion of aqueous spice extracts on acid secretion in anesthetized albino rats. *Indian Journal of Gastroenterology* 19 (2) : 53-56.
- Vogt N & Baumgart J 2000 *Salmonella* in spices. Rapid detection with the PROBELLATM PCR system. *Fleischwirtschaft* 80 (6) : 102-103.
- Willging C, Seisenberger M, Weichmann J, Herregods M, Boxus P, Baets W & Jager A de 2000 Refrigeration systems and post-harvest performance of vegetables - conclusions for a research system to study the effect of fluctuating climatic conditions on stored plant organs. Proceedings of the XXV International Horticultural Congress. Part 7. Quality of horticultural products: starting material, auxiliary products, quality control, Brussels, Belgium, 2-7 August, 1998. *Acta Horticulturae* No. 517 : 315-321.
- Yan J L & Chang S J 2000 Effect of raw versus boiled garlic, onion and ginger extracts on platelet aggregation. *Nutritional Sciences Journal* 25 (2) : 124-131.
- Yan J L & Chang S J 2000 Trends in dietary sources of nutrients among middle-aged men in southern Germany. Results of the MONICA Project Augsburg: dietary surveys 1984/1985 and 1994/1995. *Appetite* 34 (1) : 37-45.
- Zheng Z X & Shetty K 2000 Azo dye-mediated regulation of total phenolics and peroxidase activity in thyme (*Thymus vulgaris* L.) and rosemary (*Rosmarinus officinalis* L.) clonal lines. *Journal of Agricultural and Food Chemistry* 48 (3) : 932-937.

Ajowan (*Trachyspermum ammi* L.)

- Nagalakshmi S, Shankaracharya N B, Naik J P & Rao L J M 2000 Studies on chemical and technological aspects of ajowan (*Trachyspermum ammi* (L.) Syn. *Carum copticum* Hiern.) seeds. *Journal of Food Science and Technology* 37 (3) : 277-281.
- Paul S & Singh S B 2000 Biological control of stem rot of ajowan by *Coniothyrium minitans*. *Annals of Plant Protection Sciences* 8 (2) : 251-252.

Basil (*Ocimum basilicum* L.)

- Chand P K, Mandal J & Pattnaik S 2000 Alginate encapsulation of axillary buds of *Ocimum americanum* L. (hoary basil), *O. basilicum* L. (sweet basil), *O. gratissimum* L. (shrubby basil), and *O. sanctum* L. (sacred basil). *In vitro Cellular and Developmental Biology*. *Plant* 36 (4) : 287-292.

- Malerbo Souza D T , Mota M O S , Nogueira Couto R H & Souza J C 2000 Insects associated to the inflorescences of basil (*Ocimum basilicum* L.). *Revista Brasileira de Plantas Mediciniais* 2 (2) : 27-30.
- Nacar S & Tansi S 2000 Chemical components of different basil (*Ocimum basilicum* L.) cultivars grown in Mediterranean regions in Turkey. *Israel Journal of Plant Sciences* 48 (2) : 109-112.
- Osinska E & Suchorska Tropilo K 2000 The influence of cultivation in a low plastic tunnel and growth regulators on the yield of sweet basil seeds (*Ocimum basilicum* L.). *Annals of Warsaw Agricultural University SGGW, Horticulture Landscape Architecture* No. 20 : 15-18.
- Phippen W B & Simon J E 2000 Anthocyanin inheritance and instability in purple basil (*Ocimum basilicum* L.). *Journal of Heredity* 91 (4) : 289-296.
- Phippen W B & Simon J E 2000 Shoot regeneration of young leaf explants from basil (*Ocimum basilicum* L.). *In Vitro Cellular and Developmental Biology-Plant* 36 (4) : 250-254.
- Vieira R F & Simon J E 2000 Chemical characterization of basil (*Ocimum* spp.) found in the markets and used in traditional medicine in Brazil. *Economic Botany* 54 (2) : 207-216.
- Ziombra M, Fraszczak B & Laszkowska M 2000 Effect of cultivation method and date of harvest on the yield of herb basil. *Biologiczne i agrotechniczne czynniki plonowania i jakosci warzyw*, Lublin, Polska, 15-16 czerwca 2000 r. *Annales Universitatis Mariae Curie Sklodowska Sectio EEE, Horticultura* 8 (Supplementum) : 453-458.
- Black Pepper (*Piper nigrum* L.)**
- Badmaev V, Majeed M & Prakash L 2000 Piperine derived from black pepper increases the plasma levels of coenzyme Q10 following oral supplementation. *Journal of Nutritional Biochemistry* 11 (2) : 109-113.
- Benchimol R L, Chu Ying, Muto R Y, Dias Filho M B & Chu Y E 2000 Fusariosis control in black pepper plants with bacterial endophytes: survival and morphophysiological responses. *Pesquisa Agropecuaria Brasileira* 35 (7) : 1343-1348.
- Joseph B, Joseph D, Kishor P B K & Philip V J 1999 Somatic embryogenesis and plant regeneration in static and suspension cultures of black pepper. *Plant tissue culture and biotechnology: emerging trends. Proceedings of a symposium held at Hyderabad, India, 29-31 January 1997*. 1999, 74-77. Universities Press (India) Ltd, Hyderabad, India
- Krishnamurthy K S, Ankegowda S J & Saji K V 2000 Water stress effects on membrane damage and activities of catalase, peroxidase and superoxide dismutase enzymes in black pepper (*Piper nigrum* L.). *Journal of Plant Biology* 27 (1) : 39-42.
- Lale N E S & Ajayi F A 2000 Suppressing infestation of stored pearl millet *Pennisetum glaucum* (L.) R. Br. by *Tribolium castaneum* (Herbst) with insecticidal essential oils in Maiduguri, Nigeria. *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz* 107 (4) : 392-398.
- Menon A N, Padmakumari K P, Jayalekshmy A, Gopalakrishnan M & Narayanan C S 2000 Essential oil composition of four popular Indian cultivars of black pepper (*Piper nigrum* L.). *Journal of Essential Oil Research* 12 (4) : 431-434.
- Veloso C A C, Carvalho E J M, Malavolta E & Muraoka T 2000 Response of black pepper cultivars to NPK on a yellow Latosol of eastern Amazonia. *Scientia Agricola* 57 (2) : 343-347.

Veloso C A C, Malavolta E, Muraoka T & Carvalho E J M 2000 Aluminum and calcium absorption by black pepper seedlings. *Scientia Agricola* 57 (1) : 141-145.

Caraway (*Carum carvi* L.)

Gabler J 2000 *Phomopsis diachenii* Sacc. in caraway - development of a serological assay. *Gemuse Munchen* 36 (8) : 19-20.

Gabler J & Ehrig F 2000 *Phomopsis diachenii* Sacc., an important pathogen on caraway (*Carum carvi* L.) - first detection for Germany. *Zeitschrift fur Arznei and Gewurzpflanzen* 5 (1) : 36-39.

Cardamom (*Elettaria cardamomum* Maton)

Huang Y, Lam S L & Ho S H 2000 Bioactivities of essential oil from *Elletaria cardamomum* (L.) Maton. to *Sitophilus zeamais* Motschulsky and *Tribolium castaneum* (Herbst). *Journal of Stored Products Research* 36 (2) : 107-117.

Korikanthimath V S & Hosmani M M 2000 Organic recycling of coffee pulp in coffee based cropping systems. *Indian Coffee* 64 (1) : 4-6.

Celery (*Apium graveolens* L.)

Ballmer Weber B K, Vieths S, Luttkopf D, Heuschmann P & Wuthrich B 2000 Celery allergy confirmed by double-blind, placebo-controlled food challenge: a clinical study in 32 subjects with a history of adverse reactions to celery root. *Journal of Allergy and Clinical Immunology* 106 (20) : 373-378.

Hoffmann Sommergruber K, Ferris R, Pec M, Radauer C, O' Riordain G, Laimer da Camara Machado M, Scheiner O & Breiteneder H 2000 Characterization of Api g 1.0201, a new member of the Api g 1 family of celery allergens. *International Archives of Allergy and Immunology* 122 (2) : 115-123.

Kariuki C W, McIntosh A H & Goodman C L 2000 *In vitro* host range studies with a new baculovirus isolate from the diamondback moth *Plutella xylostella* (L.) (Plutellidae: Lepidoptera). *In vitro Cellular and Developmental Biology: Animal* 36 (4) : 271-276.

Luttkopf D, Ballmer Weber B K, Wuthrich B & Vieths S 2000 Celery allergens in patients with positive double-blind placebo-controlled food challenge. *Journal of Allergy and Clinical Immunology* 106 (2) : 390-399.

Monnet Y & Thibault J 2000 Diseases and pests of celery. *PHM Revue Horticole* No. 417 : 66-67.

Noiraud N, Delrot S & Lemoine R 2000 The sucrose transporter of celery. Identification and expression during salt stress. *Plant Physiology* 122 (4) : 1447-1455.

Novaes Q S, Rezende J A M & Kitajima E W 2000 Brazilian celery yellow mosaic virus is serologically related to celery mosaic virus. *Summa Phytopathologica* 26 (2) : 250-252.

Pernezny K, Datnoff L & Collins J 2000 Further studies of brown stem of celery caused by *Pseudomonas cichorii*. *Proceedings of the 112th Annual Meeting of the Florida State Horticultural Society, Stuart, Florida, USA, 31 October - 2 November, 1999. Proceedings of the Florida State Horticultural Society. 1999, publ. 2000, No. 112 : 302-305.*

Qin Y Z, Chen X W, Liu M Y & He C Z 2000 Study on the variety of the nitrate accumulated of celery. *Journal of Hunan Agricultural University* 26 (2) : 100-101.

- Rooster L de & Spiessens K 2000 Cultivar trial for late cultivation of blanching celery: Golden Fleece remains the best choice. *Proeftuinnieuws* 10 (9) : 24.
- Temperini O, Colla G, Saccardo F & Brancaleone M 2000 Fertilizer application and choice of variety as the basis for improving celery yield. *Informatore Agrario* 56 (8) : 95-98.
- Vanparys L 2000 Effect of plant density in green celery. *Proeftuinnieuws* 10 (3-4) : 34-35.
- Vanparys L 2000 Cultivar research of green celery for summer cultivation. *Proeftuinnieuws* 10 (2) : 21-22.
- Vanparys L 2000 Summer cultivation of blanching celery. *Proeftuinnieuws* 10 (2) : 18-19.
- Yamamoto Y T, Prata R T N, Williamson J D, Weddington M & Pharr D M 2000 Formation of a hexokinase complex is associated with changes in energy utilization in celery organs and cells. *Physiologia Plantarum* 110 (1) : 28-37.

Chillies (*Capsicum* spp.)

- Ahmad Saleem, Hamid K, Tariq A H & Jamil F F 2000 Chemical control of root and collar rot of chillies. *Pakistan Journal of Phytopathology* 12 (1) : 1-5.
- Ahmed N, Muzafar Hurra & Hurra M 2000 Heterosis studies for fruit yield and some economic characters in sweet pepper (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 : 74-77.
- Aleemullah M, Haigh A M & Holford P 2000 Anthesis, anther dehiscence, pistil receptivity and fruit development in the Longum group of *Capsicum annuum*. *Australian Journal of Experimental Agriculture* 40 (5) : 755-762.
- Aliyu L 2000 Effect of organic and mineral fertilizers on growth, yield and composition of pepper (*Capsicum annuum* L.). *Biological Agriculture and Horticulture* 18 (1) : 29-36.
- Aliyu L, Ahmed M K & Magaji M D 2000 Correlation and multiple regression analysis between morphological characters and components of yield in pepper (*Capsicum annuum* L.). *Crop Research Hisar* 19 (2) : 318-323.
- Anju Thakur, Thakur P S & Kanaujia S P 2000 Effect of bioregulators, bioextracts and potassium on growth and related attributes in bell pepper (*Capsicum annuum*) varieties under water stress. *Indian Journal of Agricultural Sciences* 70 (4) : 255-258.
- Ben Chaim A & Paran I 2000 Genetic analysis of quantitative traits in pepper (*Capsicum annuum*). *Journal of the American Society for Horticultural Science* 125 (1) : 66-70.
- Berke T & Shieh S C 2000 Chilli peppers in Asia. *Capsicum and Eggplant Newsletter* No. 19 : 38-41.
- Borua I & Das P 2000 Changes in activities of polyphenol oxidase, acid phosphatase and phenol content in developing chilli varieties susceptible and resistant to *Colletotrichum capsici*. *Crop Research Hisar* 19 (2) : 230-234.
- Bower J, Patterson B D & Jobling J J 2000 Permeance to oxygen of detached *Capsicum annuum* fruit. *Australian Journal of Experimental Agriculture* 40 (3) : 457-463.
- Breithaupt D E & Schwack W 2000 Determination of free and bound carotenoids in paprika (*Capsicum annuum* L.) by LC/MS. *European Food Research and Technology* 211 (1) : 52-55.

- Chen XiuYin, Hertog M L A T M & Banks N H 2000 The effect of temperature on gas relations in MA packages for capsicums (*Capsicum annuum* L., cv. Tasty): an integrated approach. *Post harvest Biology and Technology* 20 (1) : 71-80.
- Dabrowska B, Suchorska K & Capecka E 2000 Value of matricconditioned seeds of hot pepper (*Capsicum annuum* L.) after one year of storage. Part II. Yield and quality of crude product. *Biologiczne i agrotechniczne czynniki plonowania i jakosci warzyw*, Lublin, Polska, 15-16 czerwca 2000 r. *Annales Universitatis Mariae Curie Sklodowska. Sectio EEE, Horticultura.* 8 (Supplementum) : 369-375.
- Dabrowska B, Suchorska K & Szalacha E 2000 The value of matricconditioned seeds of hot pepper (*Capsicum annuum* L.): after one year storage. Part I. Speed and capability of emergence and vigour of seedlings. *Biologiczne i agrotechniczne czynniki plonowania i jakosci warzyw*, Lublin, Polska, 15-16 czerwca 2000 r. *Annales Universitatis Mariae Curie Sklodowska. Sectio EEE, Horticultura.* 2000, 8 (Supplementum) : 363-368.
- Dhamayanthi K P M & Reddy V R K 2000 Cytogenetic effects of gamma rays and ethyl methane sulphonate in chilli pepper (*Capsicum annuum* L.). *Cytologia* 65 (2) : 129-133.
- Dodd I C, He J, Turnbull C G N, Lee S K & Critchley C 2000 The influence of supra-optimal root-zone temperatures on growth and stomatal conductance in *Capsicum annuum* L. *Journal of Experimental Botany* 51 (343) : 239-248.
- Doshi K M & Shukla P T 2000 Combining ability analysis for fresh fruit yield and its components over environments in chilli (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 : 82-8.
- Doshi K M & Shukla P T 2000 Genetics of yield and its components in chilli (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 : 78-81.
- Doshi K M & Shukla P T 2000 Expression of heterosis in chilli (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 : 66-69.
- Galloway B A, Monks D W & Schultheis J R 2000 Effect of herbicides on pepper (*Capsicum annuum*) stand establishment and yield from transplants produced using various irrigation systems. *Weed Technology* 14 (2) : 241-245.
- Gomez R, Pardo J E, Navarro F & Varon R 1998 Colour differences in paprika pepper varieties (*Capsicum annuum* L) cultivated in a greenhouse and in the open air. *Journal of the Science of Food and Agriculture* 77 (2) : 268-272.
- Gyulai G, Gemesne J A, Sagi Z, Venczel G, Pinter P, Kristof Z, Torjek O, Heszky L, Bottka S, Kiss J & Zatyko L 2000 Doubled haploid development and PCR-analysis of F1 hybrid derived DH-R2 paprika (*Capsicum annuum* L.) lines. *Journal of Plant Physiology* 156 (2) : 168-174.
- Hofmann A, Proust J, Dorowski A, Schantz R & Huber R 2000 Annexin 24 from *Capsicum annuum*: X-ray structure and biochemical characterization. *Journal of Biological Chemistry* 275 (11) : 8072-8082.
- Hornero Mendez D & Minguez Mosquera M I 2000 Xanthophyll esterification accompanying carotenoid overaccumulation in chromoplast of *Capsicum annuum* ripening fruits is a constitutive process and useful for ripeness index. *Journal of Agricultural and Food Chemistry* 48 (5) : 1617-1622.

- Hossain M A & Bala B K 2000 Moisture isotherm characteristics for red chilli. *Drying Technology* 18 (1-2) : 503-515.
- Ishikawa K, Sato K, Ogiwara S & Nunomura O 2000 The segregation of PMMoV resistance in the backcross generation of *Capsicum annuum* and *C. chinense*. *Capsicum and Eggplant Newsletter* No. 19 : 97-100.
- P Jaren Galan M, Nienaber U & Schwartz S J 1999 Paprika (*Capsicum annuum*) oleoresin extraction with supercritical carbon dioxide. *Journal of Agricultural and Food Chemistry* 47 (9) : 3558-3564.
- Karni L, Aloni B, Bar Tal A, Moreshet S, Keinan M & Yao C 2000 The effect of root restriction on the incidence of blossom-end rot in bell pepper (*Capsicum annuum* L.). *Journal of Horticultural Science and Biotechnology* 75 (3) : 364-369.
- Kim Y J & Hwang B K 2000 Pepper gene encoding a basic pathogenesis-related 1 protein is pathogen and ethylene inducible. *Physiologia Plantarum* 108 (1) : 51-60.
- Kintzios S, Drossopoulos J B, Shortsiianitis E & Peppes D 2000 Induction of somatic embryogenesis from young, fully expanded leaves of chilli pepper (*Capsicum annuum* L.): effect of leaf position, illumination and explant pretreatment with high cytokinin concentrations. *Scientia Horticulturae* 85 (1-2) : 137-144.
- Kobori R F, Della Vecchia P T, Kurozawa C & Soler J M P 2000 Evaluation of the resistance of *Capsicum annuum* lines when inoculated with three inoculum concentrations of *Phytophthora capsici*. *Summa Phytopathologica* 26 (1) : 77-81.
- Korikanthimath V S, Peter K V & Mathew P M 2000 Prospects of paprika types in Karnataka. *Indian Journal of Arecanut, Spices and Medicinal Plants* 2 (2) : 45-46.
- Kumar K P, Reddy D J, Reddy K N, Babu T R & Narendranath V V 2000 Dissipation and decontamination of triazophos and acephate residues in chilli (*Capsicum annuum* Linn). *Pesticide Research Journal* 12 (1) : 26-29.
- Lanteri S, Portis E, Bergervoet H W & Groot S P C 2000 Molecular markers for the priming of pepper seeds (*Capsicum annuum* L.). *Journal of Horticultural Science and Biotechnology* 75 (5) : 607-611.
- Lee E K, Kim J S, Lee Y K & Lee Y B 1998 Effect of low dose gamma-ray irradiation on the germination and growth in red pepper (*Capsicum annuum* L.). *Journal of the Korean Society for Horticultural Science* 39 (6) : 670-675.
- Lee J W, Lee B Y, Kim K Y & Kang S H 2000 Influence of rice hull ratio and nutrient solution strength on the growth of hot pepper (*Capsicum annuum* L.) seedling in expanded rice hull-based substrates. *Journal of the Korean Society for Horticultural Science* 41 (1) : 31-35.
- Majumdar S P, Meena R L & Baghel G D S 2000 Effect of levels of compaction and potassium on yield and quality of tomato and chilli crops grown on highly permeable soils. *Journal of the Indian Society of Soil Science* 48 (2) : 215-220.
- Manoranjitham S K & Prakasam V 2000 Management of chilli damping off using biocontrol agents. *Capsicum and Eggplant Newsletter* No. 19 : 101-104.
- Manoranjitham S K, Prakasam V & Rajappan K 2000 Biological control of chilli damping-off using talc based formulations of antagonists. *Annals of Plant Protection Sciences* 8 (2) : 159-162.

- Mathur R, Dangi R S, Dass S C & Malhotra R C 2000 The hottest chilli variety in India. *Current Science* 79 (3) : 287-288.
- Meshram L D, Wandhare M R, Kulwal P L & Bharad S 2000 Macro-mutations in gamma-irradiated chilli (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 :86-88.
- Muhlecker W, Krautler B, Moser D, Matile P & Hortensteiner S 2000 Breakdown of chlorophyll: a fluorescent chlorophyll catabolite from sweet pepper (*Capsicum annuum*). *Helvetica Chimica Acta* 83 (1) : 278-286.
- Munshi A D, Joshi S & Singh G 2000 Evaluation of chilli germplasm under sub-tropical condition. *Capsicum and Eggplant Newsletter* No. 19 : 42-45.
- Nowaczyk P & Nowaczyk L 2000 Quality evaluation of pepper (*Capsicum annuum* L.) PLO1 line. Biologiczne i agrotechniczne czynniki plonowania i jakosci warzyw, Lublin, Polska, 15-16 czerwca 2000 r. *Annales Universitatis Mariae Curie Sklodowska. Sectio EEE, Horticultura* 8 (Supplementum) : 341-346
- Owusu E O, Nkansah G O & Dennis E A 2000 Effect of sources of nitrogen on growth and yield of hot pepper (*Capsicum frutescens*). *Tropical Science* 40 (2) : 58-62.
- Palaniswamy S & Ragini J C 2000 Influence of certain plant extracts on yellow mite *Polyphagotarsonemus latus* (Banks) on chillies. *Insect Environment* 6 (1) : 25-26.
- Panayotov N, Gueorguiev V & Ivanova I 2000 Characteristics and grouping of F1 pepper (*Capsicum annuum* L.) hybrids on the basis of cluster analysis by morphological characteristics of fruit. *Capsicum and Eggplant Newsletter* No. 19 : 62-65.
- Panayotov N & Stoeva N 2000 Viability and some physiological indices of seeds of different age from vegetable species pepper (*Capsicum annuum* L.). *Capsicum and Eggplant Newsletter* No. 19 : 111-114.
- Perucka I & Oleszek W 2000 Extraction and determination of capsaicinoids in fruit of hot pepper *Capsicum annuum* L. by spectrophotometry and high-performance liquid chromatography. *Food Chemistry* 71 (2) : 287-291.
- Raw A 2000 Foraging behaviour of wild bees at hot pepper flowers (*Capsicum annuum*) and its possible influence on cross pollination. *Annals of Botany* 85 (4) : 487-492.
- Rodriguez Rey JA, Romero E, Gianfrancisco S, David S del C & Amado M E 2000 Evaluation of hardiness capacity to low temperatures of pepper *Capsicum annuum* L. cultivated in non heating greenhouse. *Revista de la Facultad de Agronomia, Universidad del Zulia* 17 (1) : 10-19.
- Salamon P & Kaszta M 2000 Investigation on the transmission of some Tobamoviruses by pollen and seed in pepper (*Capsicum annuum* L.). *International Journal of Horticultural Science* 6 (3) : 127-131.
- Sanchez M del C, Cermeli M, Machado W, Centeno F & Brown E 2000 Aphid diversity (Homoptera: Aphididae) trapped in yellow pan traps in pepper plots (*Capsicum annuum* L.) and the influence of climatic factors. *Boletin de Entomologia Venezolana* 15 (1) : 61-83.
- Santamaria R I, Reyes Duarte M D, Barzana E, Fernando D, Gama F M, Mota M & Lopez Munguia A 2000 Selective enzyme-mediated extraction of capsaicinoids and carotenoids from chili

- guajillo puya (*Capsicum annuum* L.) using ethanol as solvent. *Journal of Agricultural and Food Chemistry* 48 (7) : 3063-3067.
- Shri Pal, Kumar N & Pal S 2000 Effect of simulated acidic rain on yield and carbohydrate contents of green pepper (*Capsicum annuum* L.). *Advances in Plant Sciences* 13 (1) : 85-88.
- Tai T & Staskawicz B J 2000 Construction of a yeast artificial chromosome library of pepper (*Capsicum annuum* L.) and identification of clones from the Bs2 resistance locus. *Theoretical and Applied Genetics* 100 (1) : 112-117.
- Tarchoun N, Jemmali A, Daly N & Bodson M 2000 Effects of low night temperature on plant growth of *Capsicum annuum* L. *Capsicum and Eggplant Newsletter* No. 19 : 27-30.
- Thies J A & Fery R L 2000 Characterization of resistance conferred by the N gene to *Meloidogyne arenaria* races 1 and 2, *M. hapla*, and *M. javanica* in two sets of isogenic lines of *Capsicum annuum* L. *Journal of the American Society for Horticultural Science* 125 (1) : 71-75.
- Viloria de Z A, Arteaga de R L, Pire R & Crane J H 2000 Root density in pepper (*Capsicum annuum* L.) at 3 sowing distances and its relationship with fruit weight. *Proceedings of the Interamerican Society for Tropical Horticulture, Barquisimeto, Venezuela, 27 September-2 October, 1998*. 1998, publ. 2000, 42: 374-377
- Vladova R, Pandeva R & Petcolicheva K 2000 Seed storage proteins in *Capsicum annuum* cultivars. *Biologia Plantarum* 43 (2) : 291-295.
- Votava E J, Balok C, Coon D & Bosland P W 2000 Inheritance of unique fruit and foliage color mutation in NuMex Pinata. *Journal of Heredity* 91 (1) : 60-61.
- Wiggerich H G & Puhler A 2000 The exbD2 gene as well as the iron-uptake genes tonB, exbB and exbD1 of *Xanthomonas campestris* pv. *campestris* are essential for the induction of a hypersensitive response on pepper (*Capsicum annuum*). *Microbiology Reading* 146 (5) : 1053-1060.
- Yan L Y, Zhang X Z & Liu G J 2000 Occurrence of unreduced gametes and ploidy restoration in haploid *Capsicum annuum* L. *Journal of Horticultural Science and Biotechnology* 75 (2) : 195-197.
- Yodpetch C 2000 Study on the optimum fertilizer rates on yield and quality of three long cayene peppers (*Capsicum annuum* L.). *Journal, Natural Sciences*. 1997, publ. 2000?, 32 (5 Suppl.) : 37-45.
- Yu X L, Li N J, Li Y, Huang Z R & Cao J S 2000 Effect of different cultivars and differentiation groups on the rate of transgenic pepper (*Capsicum annuum* L.). *Journal of Zhejiang University Agriculture and Life Sciences* 26 (4) : 437-440.
- Zewdie Y & Bosland P W 2000 Capsaicinoid inheritance in an interspecific hybridization of *Capsicum annuum* X *C. chinense*. *Journal of the American Society for Horticultural Science* 125 (4) : 448-453.

Cinnamon (*Cinnamomum* spp.)

- Cui J B & Zhuang J P 2000 Solute transport in cinnamon soil: measurement and simulation using stochastic models. *Agricultural Water Management* 46 (1) : 43-53.
- Jirovetz L, Buchbauer G & Eberhardt R 2000 Analysis and quality control of essential cinnamon oils (bark and leaf oils) of different origin using GC, GC-MS and olfactometry - determination of the cumarin and safrole content. *Ernahrung* 24 (9) : 366-369.

Mar A 2000 Critical considerations regarding coumarin in cinnamon and cinnamon containing foods. *Ernahrung* 24 (3) : 106-110.

Clove (*Syzygium aromaticum* (L.) Merr. et Perry)

Afifi S H, Al Thobaiti S & Rasem B M 2000 Multiple exposure of Asian sea bass, (*Lates calcarifer*, Centropomidae) to clove oil: a histopathological study. *Assiut Veterinary Medical Journal* 42 (84) : 166-174.

Cho G K & Heath D D 2000 Comparison of tricaine methanesulphonate (MS222) and clove oil anaesthesia effects on the physiology of juvenile chinook salmon *Oncorhynchus tshawytscha* (Walbaum). *Aquaculture Research* 31(6) : 537-546.

Dorman H J D, Figueiredo A C, Barroso J G & Deans S G 2000 *In vitro* evaluation of antioxidant activity of essential oils and their components. *Flavour and Fragrance Journal* 15 (1) : 12-16.

Menon P S 2000 IISR scientists develop new clove varieties. *Journal of Herbs, Spices and Medicinal Plants* 7 (1) : 103-105.

Toda M, Kawabata J & Kasai T 2000 alpha-Glucosidase inhibitors from clove (*Syzygium aromaticum*). *Bioscience, Biotechnology and Biochemistry* 64 (2) : 294-298.

Coriander (*Coriandrum sativum* L.)

Chithra V & Leelamma S 2000 *Coriandrum sativum* - effect on lipid metabolism in 1,2-dimethyl hydrazine induced colon cancer. *Journal of Ethnopharmacology* 71 (3) : 457-463.

Desai V R, Sabale R N & Raundal P U 2000 Integrated nitrogen management in wheat-coriander cropping system. *Journal of Maharashtra Agricultural Universities*. 1999, publ. 2000, 24 (3) : 273-275.

Gray A M & Flatt P R 1999 Insulin-releasing and insulin-like activity of the traditional anti-diabetic plant *Coriandrum sativum* (coriander). *British Journal of Nutrition* 81 (3) : 203-209.

Kalra A, Parameswaran T N, Ravindra N S, Rao M G & Kumar S 2000 Effects of planting date and dinocap applications on the control of powdery mildew and yields of seed and seed oil in coriander. *Journal of Agricultural Science* 135 (2) : 193-197.

Kaya N, Yilmaz G & Telci I 2000 Agronomic and technological properties of coriander (*Coriandrum sativum* L.) populations planted on different dates. *Turkish Journal of Agriculture and Forestry* 24 (3) : 355-364.

Lakra B S 2000 Management of stem gall of coriander (*Coriandrum sativum*) incited by *Protomyces macrosporus*. *Indian Journal of Agricultural Sciences* 70 (5) : 338-340.

Morris M C, Alfoldi T, Lockeretz W & Niggli U 2000 Intercropping with coriander attracts hoverflies and reduces pest infestation in Japanese cabbage fields. IFOAM 2000: the world grows organic. Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000. 2000, 118. vdf Hochschulverlag AG an der ETH Zurich, Zurich, Switzerland.

Yadav A C, Lal S & Mangal J L 2000 Salinity effects on growth, flowering and yield of coriander cultivars. *Crop Research Hisar* 19 (1) : 146-148.

Fennel (*Foeniculum vulgare* Miller)

- Anzidei M, Bennici A, Schiff S, Tani C & Mori B 2000 Organogenesis and somatic embryogenesis in *Foeniculum vulgare*: histological observations of developing embryogenic callus. *Plant Cell, Tissue and Organ Culture* 61 (1) : 69-79.
- Fait A, Barazani O, Diemenstein S, Friedman J, Dudai N, Putievsky E, Herregods M, Boxus P, Baets W & Jager A de 2000 Ecological variability in the germination response to temperature of indigenous populations of *Foeniculum vulgare* Mill., in Israel. Proceedings of the XXV International Horticultural Congress. Part 7. Quality of horticultural products: starting material, auxiliary products, quality control, Brussels, Belgium, 2-7 August, 1998. *Acta Horticulturae* No. 517 : 467-477.
- Garcia Jimenez N, Perez Alonso M J & Velasco Negueruela A 2000 Chemical composition of fennel oil, *Foeniculum vulgare* Miller, from Spain. *Journal of Essential Oil Research* 12 (2) : 159-162.
- Ibrahim M E & Tarraf S 2000 Effect of kinetin and/or stimophol spray on the growth, yield and chemical composition of Egyptian sweet fennel (*Foeniculum vulgare* Mill. var. *dulce*). *Egyptian Journal of Horticulture* 27 (1) : 81-103.
- Kroonen Backbier B M A & Koot P A C 2000 Results of integrated growing of leeks-strawberries '97-'99. PAV Bulletin Vollegrondsgroenteteelt April, 11-16.
- Pank F, Neumann M & Kruger H 2000 Results of the selection of bitter fennel with small shaped fruits (*Foeniculum vulgare* Mill. ssp. *vulgare* var. *vulgare*) from cross progenies of different genotypes. *Zeitschrift fur Arznei and Gewurzpflanzen* 5 (1) : 40-48.
- Re G A, Sulas L, Caredda S & Delogu S 2000 Giant fennel, a dangerous poisonous plant of Mediterranean pastures. *Informatore Agrario* 56 (34) : 71-74.
- Fenugreek (*Trigonella foenum-graecum* L.)**
- Abdel Barry J A & Al Hakiem M H H 2000 Acute intraperitoneal and oral toxicity of the leaf glycosidic extract of *Trigonella foenum-graecum* in mice. *Journal of Ethnopharmacology* 70 (1) : 65-68.
- Ahmed F A, Ghanem S A, Reda A A & Solaiman M 2000 Effect of some growth regulators and subcultures on callus proliferation and trigonelline content of fenugreek (*Trigonella foenum-graecum*). *Bulletin of the National Research Centre Cairo* 25 (1) : 35-46.
- Bansal R K & Gupta R K 2000 Evaluation of plant extracts against *Fusarium oxysporum*, wilt pathogen of fenugreek. *Indian Phytopathology* 53 (1) : 107-108.
- Das A B, Mohanty S, Thangaraj T & Das P 2000 Variation of 4C DNA content and karyotype in nine cultivars of fenugreek (*Trigonella foenum-graecum* L.). *Journal of Herbs, Spices and Medicinal Plants* 7 (1) : 25-32.
- Dhruj I U, Akbari L F, Khandar R R & Jadeja K B 2000 Field evaluation of fungicides against powdery mildew of fenugreek. *Journal of Mycology and Plant Pathology* 30 (1) : 98-99.
- Murakami T, Kishi A, Matsuda H & Yoshikawa M 2000 Medicinal foodstuffs. XVII. Fenugreek seed. (3): Structures of new furostanol-type steroid saponins, trigoneosides Xa, Xb, XIb, XIIa, XIIb, and XIIIa, from the seeds of Egyptian *Trigonella foenum-graecum* L. *Chemical and Pharmaceutical Bulletin* 48 (7) : 994-1000.

- Nair L D & Kapoor R 2000 Comparative efficacy of different parts of fenugreek (*Trigonella foenum graecum*) on glycemic response in diabetic subjects in Anantapur, Andhra Pradesh. *Indian Journal of Nutrition and Dietetics* 37 (3) : 76-84.
- Oncina R, Botia J M, Rio J A del & Ortuno A 2000 Bioproduction of diosgenin in callus cultures of *Trigonella foenum-graecum* L. *Food Chemistry* 70 (4) : 489-492.
- Prasanna M 2000 Hypolipidemic effect of fenugreek: a clinical study. *Indian Journal of Pharmacology* 32 (1) : 34-36.
- Rapior S, Fons F & Bessiere J M 2000 The fenugreek odor of *Lactarius helvius*. *Mycologia* 92 (2) : 305-308.
- Sharma H R & Chauhan G S 2000 Physico-chemical and rheological quality characteristics of fenugreek (*Trigonella foenum graecum* L.) supplemented wheat flour. *Journal of Food Science and Technology Mysore* 37 (1) : 87-90.
- Sharma H R & Chauhan G S 2000 Physical, sensory and chemical characteristics of wheat breads supplemented with fenugreek (*Trigonella foenum graecum* L.). *Journal of Food Science and Technology Mysore* 37 (1) : 91-94.
- Vinod, Sastry E V D & Sharma R K 2000 Comparative studies of normal and a giant mutant in fenugreek (*Trigonella foenum-graecum* L.). *Crop Research Hisar* 19 (3) : 516-518.

Garcinia (*Garcinia* spp.)

- Arogba S S 2000 Comparative analyses of the moisture isotherms, proximate compositions, physical and functional properties of dried *Cola nitida* and *Garcinia kola* kernels. *Journal of Food Composition and Analysis* 13 (2) : 139-148.
- Farombi E O, Tahnteng J G, Agboola A O, Nwankwo J O & Emerole G O 2000 Chemoprevention of 2-acetylaminofluorene-induced hepatotoxicity and lipid peroxidation in rats by kolaviron - a *Garcinia kola* seed extract. *Food and Chemical Toxicology* 38 (6) : 535-541.
- Fondoun J M & Manga T T 2000 Farmers indigenous practices for conserving *Garcinia kola* and *Gnetum africanum* in southern Cameroon. *Agroforestry Systems* 48 (3) : 289-302.
- Gopalakrishnan G & Balaganesan B 2000 Two novel xanthenes from *Garcinia mangostana*. *Fitoterapia* 71 (5) : 607-609.
- Jayaprakasha G K & Sakariah K K 2000 Determination of (-)-hydroxycitric acid in commercial samples of *Garcinia cambogia* extract by liquid chromatography with ultraviolet detection. *Journal of Liquid Chromatography and Related Technologies* 23 (6) : 915-923.
- Mackeen M M, Ali A M, Lajis N H, Kawazu K, Hassan Z, Amran M, Habsah M, Mooi L Y & Mohamed S M 2000 Antimicrobial, antioxidant, antitumour-promoting and cytotoxic activities of different plant part extracts of *Garcinia atroviridis* Griff. ex T. Anders. *Journal of Ethnopharmacology* 72 (3) : 395-402.
- Nguyen L H D & Harrison L J 2000 Xanthenes and triterpenoids from the bark of *Garcinia vilersiana*. *Phytochemistry* 53 (1) : 111-114; 12 ref.
- Roux D, Hadi H A, Thoret S, Guenard D, Thoison O, Pais M & Sevenet T 2000 Structure-activity relationship of polyisoprenyl benzophenones from *Garcinia pyrifera* on the tubulin/microtubule system. *Journal of Natural Products* 63 (8) : 1070-1076.

- Sadaquat Ali, Goundar R, Sothswaran S, Beaulieu C & Spino C 2000 Benzophenones of *Garcinia pseudoguttifera* (Clusiaceae). *Phytochemistry* 53 (2) : 281-284.
- Thoison O, Fahy J, Dumontet V, Chiaroni A, Riche C, Mai Van Tri & Sevenet T 2000 Cytotoxic prenylxanthenes from *Garcinia bracteata*. *Journal of Natural Products* 63 (4) : 441-446.
- Yamaguchi F, Ariga T, Yoshimura Y & Nakazawa H 2000 Antioxidative and anti-glycation activity of garcinol from *Garcinia indica* fruit rind. *Journal of Agricultural and Food Chemistry* 48 (2) : 180-185.
- Yamaguchi F, Saito M, Ariga T, Yoshimura Y & Nakazawa H 2000 Free radical scavenging activity and antiulcer activity of garcinol from *Garcinia indica* fruit rind. *Journal of Agricultural and Food Chemistry* 48 (6) : 2320-2325.

Garlic (*Allium sativum* L.)

- Abu Salama A M, Aboul Nasr M H, El Gergawi A S S, Taha N E M, White B, Hoy J & King R 2000 Inter-cropping of fall-planted sugarcane with potatoes and garlic under middle Egypt conditions. 29th Annual Joint Meeting, American Society of Sugar Cane Technologists, Fort Walton Beach, Florida, USA. *Journal American Society of Sugar Cane Technologists* 20 : 53-63.
- Aouadi R, Aouidet A, Elkadhi A, Rayana C B, Jaafoura H, Trifar B & Nagati K 2000 Effect of fresh garlic (*Allium sativum*) on lipid metabolism in male rats. *Nutrition Research* 20 (2) : 273-280.
- Aoyama S, Morimitsu Y, Osawa T & Tashiro T 2000 Effects of fertilizer nutrient on volatile sulfur compounds content of garlic bulb (*Allium sativum* L.). Report of the Tokai Branch of the Crop Science Society of Japan No. 129 : 31-32.
- Arivazhagan S, Balasenthil S & Nagini S 2000 Garlic and neem leaf extracts enhance hepatic glutathione and glutathione dependent enzymes during N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)-induced gastric carcinogenesis in rats. *Phytotherapy Research* 14 (4) : 291-293.
- Avato P, Tursi F, Vitali C, Miccolis V & Candido V 2000 Allylsulfide constituents of garlic volatile oil as antimicrobial agents. *Phytomedicine* 7 (3) : 239-243.
- Balasenthil S, Arivazhagan S & Nagini S 2000 Garlic enhances circulatory antioxidants during 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. *Journal of Ethnopharmacology* 72 (3) : 429-433.
- Bandara M S, Krieger K, Slinkard A E & Tanino K K 2000 Pre-plant chilling requirements for cloving of spring-planted garlic. *Canadian Journal of Plant Science* 80 (2) 379-384.
- Boehm M J & Nameth S T 2000 First report of cucumber mosaic virus in garlic mustard in Ohio. *Plant Disease* 84 (9) : 1047.
- Boyd D W Jr. & Alverson D R 2000 Repellency effects of garlic extracts on two spotted spider mite, *Tetranychus urticae* Koch. *Journal of Entomological Science* 35 (1) : 86-90.
- Chen Y H, Wu S K & Shieh M J 2000 Enhancement of glutathione S-transferase using diallyl sulfide from garlic in Hepa-1c1c7 cells. *Nutritional Sciences Journal* 25 (1) : 1-8.
- Cho B H S & Xu S Q 2000 Effects of allyl mercaptan and various allium-derived compounds on cholesterol synthesis and secretion in Hep-G2 cells. *Comparative Biochemistry and Physiology. C, Toxicology and Pharmacology* 126 (2) : 195-201.

- Colic M & Savic M 2000 Garlic extracts stimulate proliferation of rat lymphocytes *in vitro* by increasing IL-2 and IL-4 production. *Immunopharmacology and Immunotoxicology* 22 (1) : 163-181.
- Fan Z C, Zhang X, Du H F & Lu G Y 2000 Physiological effects of garlic (*Allium sativum*) seed clove treatment at different temperatures before planting. *Acta Agriculturae Shanghai* 16 (2) : 65-68.
- Gao S L, Jin Y A, Cai Z H & Liu L J 2000 Virus-free culture and rapid-propagation from shoot apex of *Allium sativum* L. *Journal of Plant Resources and Environment* 9 (3) : 15-18.
- Gupta N K & Ganeshe R K 2000 Response of Borax and zinc sulphate on growth and yield of garlic (*Allium sativum* L.). *Advances in Plant Sciences* 13 (1) : 237-239.
- Haque M S, Wada T, Hattori K, Plas L H W van & Klerk G J de 2000 Garlic roots for micropropagation through *in vitro* bulblet formation. Proceedings of the XXV International Horticultural Congress. Part 10. Application of biotechnology and molecular biology and breeding, *in vitro* culture, Brussels, Belgium, 2-7 August, 1998. *Acta Horticulturae* No. 520 : 45-52.
- Hong Chong Jian, Etoh T & Iwai S 2000 An attempt of crossbreeding in garlic. *Memoirs of the Faculty of Agriculture, Kagoshima University* 36 : 17-28
- Hong Chong Jian, Watanabe H, Etoh T & Iwai S 2000 A search of pollen fertile clones in the Iberian garlic by RAPD markers. *Memoirs of the Faculty of Agriculture, Kagoshima University* 36 : 11-16.
- Hong Chong Jian, Watanabe H, Etoh T & Iwai S 2000 Morphological and karyological comparison of garlic clones between the center of origin and the westernmost area of distribution. *Memoirs of the Faculty of Agriculture, Kagoshima University* 36 : 1-10.
- Horbowicz M, Kotlinska T, Herregods M, Boxus P, Baets W & Jager A de 2000 Level of flavonols in wild and cultivated *Allium* species. Proceedings of the XXV International Horticultural Congress. Part 7. Quality of horticultural products: starting material, auxiliary products, quality control, Brussels, Belgium, 2-7 August, 1998. *Acta Horticulturae* No. 517 : 375-380.
- Hwang J M & Tae G S 2000 Changes of microclimates and garlic growth in outdoor by mulching and tunnel treatments. *Journal of the Korean Society for Horticultural Science* 41 (1) : 27-30.
- Iglesias Enriquez I & Hombre R de 2000 The influence of storage conditions and duration on the texture of irradiated and non-irradiated onion and garlic bulbs. *Alimentaria* 37 (311) : 57-59.
- Iglesias I & Fraga R 2000 Preservation of garlic by irradiation. I. Main results during the last 10 years. *Alimentaria* 37 (311) : 55-56.
- Ingle M B, Diware D V & Dod V N 2000 Quality and bulb yield of garlic as influenced by planting methods and spacing. *Crop Research Hisar* 20 (1) : 160-162.
- Ip C, Birringer M, Block E, Kotrebai M, Tyson J F, Uden P C & Lisk D J 2000 Chemical speciation influences comparative activity of selenium-enriched garlic and yeast in mammary cancer prevention. *Journal of Agricultural and Food Chemistry* 48 (6) : 2062-2070.

- Jacques M A, Lucon N & Josi K 2000 The 'creamy coffee' disease of garlic. PHM Revue Horticole No. 414 : 36-38.
- Jang Y S, Oh Y B, Choi I H, Song Y S & Park J H 2000 Effect of the concentration and treatment period of colchicine on polyploid formation in suspension culture of callus derived from shoot apex of garlic (*Allium sativum* L.). Journal of the Korean Society for Horticultural Science 41 (2) : 157-160.
- Kajimura Y, Sugiura T, Suenaga K, Itakura Y & Etoh T 2000 A new garlic growing system from bulbils through transplanting. Journal of Horticultural Science and Biotechnology 75 (2) : 176-180.
- Kaye A D, Witt B J de, Muhammad Anwar, Smith D E, Feng C J, Kadowitz P J & Nossaman B D 2000 Analysis of responses of garlic derivatives in the pulmonary vascular bed of the rat. Journal of Applied Physiology 89 (1) : 353-358; 22
- Khan Z K & Katiyar R 2000 Potent antifungal activity of garlic (*Allium sativum*) against experimental murine disseminated cryptococcosis. Pharmaceutical Biology 38 (2) : 87-100.
- Kim Park Sang Ae & Ku D D 2000 Garlic elicits a nitric oxide-dependent relaxation and inhibits hypoxic pulmonary vasoconstriction in rats. Clinical and Experimental Pharmacology and Physiology 27 (10) : 780-786.
- Kim S K & Kim S H 2000 Effects of *Allium*, Merit Blue, and soluble P-K formulae on budbreak in differentially chilled 'Campbell Early' grapevines. Journal of the Korean Society for Horticultural Science 41 (3) : 265-268.
- Kumar V G, Surendranathan K P & Jayaprakash 2000 Effect of alliums, age and sex on the plasma cholesterol level of Japanese quails (*Coturnix coturnix japonica*). Indian Journal of Poultry Science 35 (1) : 95-98.
- Liu L J & Yeh Y Y 2000 Inhibition of cholesterol biosynthesis by organosulfur compounds derived from garlic. Lipids 35 (2) : 197-203.
- Lucier G & Lin B H 2000 Garlic: flavour of the ages. Agricultural Outlook No. 272 : 7-10.
- Lunello P, Bravo Almonacid F, Kobayashi K, Helguera M, Nome S F, Mentaberry A & Conci V C 2000 Distribution of garlic virus A in different garlic production regions of Argentina. Journal of Plant Pathology 82 (1) : 17-21.
- Melero Vara J M, Prados Ligero A M & Basallote Ureba M J 2000 Comparison of physical, chemical and biological methods of controlling garlic white rot. European Journal of Plant Pathology 106 (6) : 581-588.
- Miron T, Aharon Rabinkov, Mirelman D, Wilchek M & Weiner L 2000 The mode of action of allicin: its ready permeability through phospholipid membranes may contribute to its biological activity. Biochimica et Biophysica Acta, Biomembranes 1463 (1) : 20-30.
- Muro J, Irigoyen I, Lamsfus C & Fernandes Militino A 2000 Effect of defoliation on garlic yield. Scientia Horticulturae 86 (2) : 161-167.
- O' Gara E A, Hill D J & Maslin D J 2000 Activities of garlic oil, garlic powder, and their diallyl constituents against *Helicobacter pylori*. Applied and Environmental Microbiology 66 (5) : 2269-2273.

- Pantoja C V, Martin N T, Norris B C & Contreras C M 2000 Purification and bioassays of a diuretic and natriuretic fraction from garlic (*Allium sativum*). *Journal of Ethnopharmacology* 70 (1) : 35-40.
- Pellegrini C N, Orioli G A, Croci C A, Herregods M, Nicolai B, Jager A de & Roy S K 2000 Identification of the method used to inhibit sprouting in garlic. Proceedings of the XXV International Horticultural Congress. Part 8. Quality of horticultural products: storage and processing, new outlooks on postharvest biology and technology, potentiality of processing of underutilized fruits of the tropics, Brussels, Belgium, 2-7 August, 1998. *Acta Horticulturae* No. 518 : 55-61.
- Pinto C M F, Maffia L A, Casali V W D, Berger R D & Cardoso A A 2000 Production components and yield loss of garlic cultivars planted at different times in a field naturally infested with *Sclerotium cepivorum*. *International Journal of Pest Management* 46 (1) : 67-72.
- Resende F V, Faquin V & Souza R J 2000 Effect of nitrogen fertilization on growth and yield of garlic plants grown from tissue culture and conventional propagation. *Revista Brasileira de Ciencia do Solo* 24 (1) : 49-57.
- Resende F V, Gualberto R & Souza R J de 2000 Growth and production of garlic clones obtained from tissue culture and conventional propagation. *Scientia Agricola* 57 (1) : 61-66.
- Resende F V, Oliveira P S R de, Souza R J de & de Oliveira P S R 2000 Growth, yield and nitrogen uptake in garlic produced by tissue culture, cultivated under high nitrogen levels. *Horticultura Brasileira* 18 (1) : 31-36.
- Roby H R, Araniti E V, Herrera M C, Guinle V B & Winter P L 2000 Garlic. Fast drying. *Revista de la Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo* 32 (1) : 15-22.
- Rodriguez G, Tacchini F M, Juricich J M & Balmes L 2000 Feeding of red deer and goat with garlic herbaceous residue. *Revista de la Facultad de Ciencias Agrarias, Universidad Nacional-de-Cuyo* 32 (1) : 77-82.
- Saraf R K, Kurmvanshi S M, Sharma R S & Parihar M S 2000 Relative performance of garlic (*Allium sativum* L.) varieties in Vindhyan Plateau of Madhya Pradesh. *Crop Research Hisar* 19 (1) : 149-151.
- Singh K & Nagaich S 2000 Studies on the anthelmintic activity of *Allium sativum* (garlic) oil on common poultry worms *Ascaridia galli* and *Heterakis gallinae*. *Journal of Parasitology and Applied Animal Biology* 9 (1) : 47-52.
- Stjernberg L & Berglund J 2000 Garlic as an insect repellent. *JAMA, Journal of the American Medical Association* 284 (7) : 831.
- Thabrew M I, Samarawickrema N A, Chandrasena L G & Jayasekera S 2000 Protection by garlic against adriamycin induced alterations in the oxido-reductive status of mouse red blood cells. *Phytotherapy Research* 14 (3) : 215-217.
- Voss R E & Crane J H 2000 Seed garlic production in the United States. Proceedings of the Interamerican Society for Tropical Horticulture, Barquisimeto, Venezuela, 27 September-2 October, 1998. 1998, publ. 2000, 42 : 365-366.
- Waris Qidwai, Riaz Qureshi, Hasan S N & Azam S I 2000 Effect of dietary garlic (*Allium sativum*) on the blood pressure in humans - a pilot study. *Journal of the Pakistan Medical Association* 50 (6) : 204-207.

- Wei H Z 2000 Impacts of different treatments to cloves on emergence and growth of garlic. *Zhejiang Nongye Kexue* No. 4 : 195-196.
- Yang D L, Song W H & Din C W 2000 Efficacy of five fungicides on garlic leaf blight (*Pleospora herbarum*) control. *Acta Phytopathologica Sinica* 30 (3) : 282.
- Zeba Anwar, Najma Ayub & Khan A G 2000 Antibacterial ability of extracts from arbuscular mycorrhizal roots of *Allium sativum* L. and *Momordica charantia*. *Hamdard Medicus* 43 (1) : 29-33.

Ginger (*Zingiber officinale* Rosc.)

- Ahmed R S, Vandana Seth, Pasha S T & Banerjee B D 2000 Influence of dietary ginger (*Zingiber officinale* Rosc.) on oxidative stress induced by malathion in rats. *Food and Chemical Toxicology* 38 (5) : 443-450.
- Arimura C T, Finger F L & Casali V W D 2000 Effect of ANA and BAP on ginger (*Zingiber officinale* Roscoe) sprouting in solid and liquid medium. *Revista Brasileira de Plantas Mediciniais* 2 (2) : 23-26.
- Arimura C T, Finger F L & Casali V W D 2000 A fast method for *in vitro* propagation of ginger. *Tropical Science* 40 (2) : 86-91.
- Bartley J P & Jacobs A L 2000 Effects of drying on flavour compounds in Australian-grown ginger (*Zingiber officinale*). *Journal of the Science of Food and Agriculture* 80 (2) : 209-215.
- Bhat M N 2000 *In vitro* evaluation of some leaf extracts against *Pythium* species causing soft rot of ginger in Sikkim. *Plant Disease Research* 15 (1) : 97-100.
- Choi K H & Laursen R A 2000 Amino-acid sequence and glycan structures of cysteine proteases with proline specificity from ginger rhizome *Zingiber officinale*. *European Journal of Biochemistry* 267 (5) : 1516-1526.
- Cui Z F, Ai X Z & Zhao Y Z 2000 Yield effect of ginger in plastic house. *China Vegetables* No. 3 : 14-16.
- Dohroo N P & Korla B N 2000 Effect of harvesting stage and curing time of rhizomes on storage rot of ginger in mid-hills of Himachal Pradesh. *Plant Disease Research* 15 (1) : 85-88.
- Fuhrman B, Rosenblat M, Hayek T, Coleman R & Aviram M 2000 Ginger extract consumption reduces plasma cholesterol, inhibits LDL oxidation and attenuates development of atherosclerosis in atherosclerotic, apolipoprotein E-deficient mice. *Journal of Nutrition* 130 (5) : 1124-1131.
- Gokulapalan C & Girija V K 2000 *Rhizoctonia solani* - a new threat to ginger crop in Kerala. *Journal of Mycology and Plant Pathology* 30 (1) : 131-132.
- Him de Freitez Y, Paez de Casares J & de Freitez Y H 2000 Histological origin of *in vitro*-regenerated organs of ginger (*Zingiber officinale* R.). *Proceedings of the Interamerican Society for Tropical Horticulture, Barquisimeto, Venezuela, 27 September-2 October, 1998*. 1998, publ. 2000, 42 : 110-118.
- Kim H S, Kim S D, Park M S & Ko J A 2000 Investigation of floral structure and plant regeneration through anther culture in ginger. *Korean Journal of Crop Science* 45 (3) : 207-210.
- Onyenekwe P C 2000 Assessment of oleoresin and gingerol contents in gamma irradiated ginger rhizomes. *Nahrung* 44 (2) : 130-132.

- Samsudeen K, Babu K N, Minoos Divakaran & Ravindran P N 2000 Plant regeneration from anther derived callus cultures of ginger (*Zingiber officinale* Rosc.). Journal of Horticultural Science and Biotechnology 75 (4) : 447-450.
- Schuhbaum H & Franz G 2000 Ginger: spice and versatile medicinal plant. Zeitschrift fur Phytotherapie 21 (4) : 203-209.
- Sekiwa Y, Kubota K & Kobayashi A 2000 Isolation of novel glucosides related to gingerdiol from ginger and their antioxidative activities. Journal of Agricultural and Food Chemistry 48 (2) : 373-377.
- Sharma B K & Rana K S 2000 Management of ginger yellows. Plant Disease Research 15 (1) : 107-109.
- Singh A K, Edison S, Shashank Singh & Yadav R K 2000 Reaction of ginger germplasm to *Phyllosticta zingiberi* under field conditions. Indian Phytopathology 53 (2) : 210-212.
- Singh D K, Sinha S K, Singh V N & Singh D N 2000 Control of bacterial wilt of ginger (*Zingiber officinale*) with antibiotics. Journal of Research, Birsa Agricultural University 12 (1) : 41-43.
- Xu Kun & Li MingGuo 2000 Effects of mulching with straw on the photosynthetic characteristics of ginger. China Vegetables No. 2 : 18-20.

Large cardamom (*Amomum subulatum* Roxb.)

- Sharma E, Singh K K, Sharma G & Sharma R 2000 A boon for mountain populations. Large cardamom farming in the Sikkim Himalaya. Mountain Research and Development 20 (2) : 108-111.
- Singh J & Vardarasan S 2000 Large cardamom - a new host for three insect pests (*Merochlorops dimorphus*, *Heliethrips haemorrhoidalis* and *Stephanitis typicus*). Journal of Hill Research 13 (1) : 49-51.

Mustard (*Brassica* spp.)

- Corato U de & Baviello 2000 Occurrence of *Sclerotinia sclerotiorum* on *Brassica carinata* in Southern Italy (Basilicata). Ginformatore Fitopatologico 50 (5) : 61-63.
- Abraham G 2000 Interactive effect of sulphur and nitrogen on some physiological parameters of mustard (*Brassica juncea* L. Czern. and Coss.). Cruciferae Newsletter No. 22 : 65-66.
- Ahmad A & Abdin M Z 2000 Interactive effect of sulphur and nitrogen on the oil and protein contents and on the fatty acid profiles of oil in the seeds of rapeseed (*Brassica campestris* L.) and mustard (*Brassica juncea* L. Czern. and Coss.). Journal of Agronomy and Crop Science 185 (1) : 49-54.
- An X H, Chen B Y & Fu T D 2000 Preliminary studies on the origin of the chinese mustard (*Brassica juncea*). Cruciferae Newsletter No. 22 : 5-6.
- Banik P, Sasmal T, Ghosal P K & Bagchi D K 2000 Evaluation of mustard (*Brassica campestris* Var. Toria) and legume intercropping under 1:1 and 2:1 row-replacement series systems. Journal of Agronomy and Crop Science 185 (1) : 9-14.
- Barman S C, Sahu R K, Bhargava S K & Chatterjee C 2000 Distribution of heavy metals in wheat, mustard, and weed grown in field irrigated with industrial effluents. Bulletin of Environmental Contamination and Toxicology 64 (4) : 489-496.

- Cabin R J, Marshall D L & Mitchell R J 2000 The demographic role of soil seed banks. II. Investigations of the fate of experimental seeds of the desert mustard *Lesquerella fendleri*. *Journal of Ecology Oxford* 88 (2) : 293-302.
- Charjan Y D 2000 Response of Indian mustard to irrigation schedules under varying levels of nitrogen and sulphur. *Journal of Maharashtra Agricultural Universities* 24 (3) : 312-313.
- Charleston D S & Kfir R 2000 The possibility of using Indian mustard, *Brassica juncea*, as a trap crop for the diamondback moth, *Plutella xylostella*, in South Africa. *Crop Protection* 19 (7) : 455-460.
- Chaturvedi O H, Santra A, Mishra A S, Misra A K, Prasad R & Karim S A 2000 Effect of *Coprinus fimetarius* on the nutritive value of urea treated mustard straw. *Indian Journal of Animal Sciences* 70 (8) : 874-876.
- Chauhan S S, Srivastava R K & Kumar K 2000 Heterosis in single and three-way crosses in indian mustard (*Brassica juncea* L. Czern. & Coss). *Indian Journal of Genetics and Plant Breeding* 60 (1) : 131-132.
- Chen Ting Hua (et-al) 2000 Observation on quantity change of pest vectors of virus disease in potherb mustard (*Brassica juncea* var. *crispifolia*) and covering with fly net. *Zhejiang Nongye Kexue* No. 4 : 186-188.
- Chen X J, Chen Z J, Zhang Y Z & Jin Y F 2000 Extraction of mitochondrial DNA from cytoplasmic male sterile and maintainer lines of tuber mustard (*Brassica juncea* var. *tumida* Tsen et Lee). *Journal of Zhejiang University Agriculture and Life Sciences* 26 (3) : 321-324.
- Chen Z J, Chen D F, Wang B L & Chen X J 2000 Study of biochemical characteristics at early stage of flower bud differentiation of tuber mustard. *Acta Agriculturae Zhejiangensis* 12 (4) : 187-190.
- Chen Z J, Chen D F, Wang B L & Chen X J 2000 Study on the morphological development and cellular ultrastructure of early stage of differentiation of floral bud in tuber mustard (*Brassica juncea* Coss. var. *tumida* Tsen et Lee). *Journal of Zhejiang University Agriculture and Life Sciences* 26 (1) : 79-84.
- Chung R S & Wang F N 2000 Effect of different composts on growth and nitrogen composition of chinese mustard in an acid red soil. *Communications in Soil Science and Plant Analysis* 31 (9-10) : 1209-1224.
- Deshpande S & Hall J C 2000 Auxinic herbicide resistance may be modulated at the auxin-binding site in wild mustard (*Sinapis arvensis* L.): a light scattering study. *Pesticide Biochemistry and Physiology* 66 (1) : 41-48.
- Dhillon A S, Raheja R K & Ishita Ahuja 2000 Effect of foliar application of agro-chemicals on seed yield and oil quality in rapeseed-mustard. *Cruciferae Newsletter* No. 22 : 69-72.
- Dubey A V, Vaishya U K, Bapat P N & Tomar V S 2000 Microbial solubilization of rock phosphate: an alternative phosphorus source for mustard crop. *JNKVV Research Journal* 1997, publ. 2000, 31 (1-2) : 54-55.
- Ghosh Dastidar N, Varma N S & Kapur A 2000 Gene escape studies on transgenic indian mustard (*Brassica juncea*). *Cruciferae Newsletter* No. 22 : 27-28.

- Gupta S K & Chhabra M L 2000 Effect of freezing treatment on oil content and fatty acid composition of mustard genotypes (*Brassica juncea* L.). *Cruciferae Newsletter* No. 22 : 39-40.
- Hu M H, Chen Z J & Wang B L 2000 Study on peroxidase and esterase isoenzymes in the cytoplasm male sterile line and its maintainer line for tuber mustard. *Acta Agriculturae Zhejiangensis* 12 (4) : 201-205.
- Katiyar R K, Chamola R & Chopra V L 2000 Study of heterosis for seed yield in indian mustard (*Brassica juncea* (L.) Czern. and Coss.). *Cruciferae Newsletter* No. 22 : 41-42.
- Prasad K, Rathi K S & Ram H 2000 Studies on intercropping of mustard with chickpea varieties. *Crop Research Hisar* 19 (1) : 144-145.
- Khan N A, Lone N A & Samiullah 2000 Response of mustard (*Brassica juncea* L.) to applied nitrogen with or without ethrel spray under non-irrigated conditions. *Journal of Agronomy and Crop Science* 184 (1) : 63-66.
- Khangura R K & Sokhi S S 2000 Efficacy of Ridomil MZ and protectant fungicides to control white rust (*Albugo candida*) and their effect on seed yield, oil content and fatty acid composition in mustard. *Australian Journal of Experimental Agriculture* 40 (5) : 699-706.
- Khushu M K, Raina A K & Sharma K D 2000 Impact of weather on growth and yield of mustard (*Brassica juncea* L.). *Cruciferae Newsletter* No. 22 : 75-76.
- Kumar R, Dikshit A K & Prasad S K 2000 Persistence and safety evaluation of alphamethrin on mustard (*Brassica campestris* Linn.). *Bulletin of Environmental Contamination and Toxicology* 65 (2) : 200-206.
- Kumar V, Ghosh B C & Bhat R 2000 Complementary effect of crop wastes and inorganic fertilizers on yield, nutrient uptake and residual fertility in mustard (*Brassica juncea*) - rice (*Oryza sativa*) cropping sequence. *Indian Journal of Agricultural Sciences* 70 (2) : 69-72.
- Liu D H, Jiang W S, Liu C J, Xin C H & Hou W Q 2000 Uptake and accumulation of lead by roots, hypocotyls and shoots of indian mustard (*Brassica juncea* (L.)). *Bioresource Technology* 71 (3) : 273-277.
- Lulu B & Insam H 2000 Medium-term effects of a single application of mustard residues on soil microbiota and C content of vertisols. *Biology and Fertility of Soils* 31 (2) : 108-113.
- Malviya J K & Lal M N 2000 Biology of mustard aphid, *Lipaphis erysimi* (Kalt.) on selected brassica germplasm. *Cruciferae Newsletter* No. 22 : 55-56.
- Malviya J K & Lal M N 2000 Screening of brassica germplasm against mustard aphid, *Lipaphis erysimi* (Kalt.). *Annals of Plant Protection Sciences* 8 (2) : 150-153.
- Manzar A, Lal M N & Singh S S 2000 Effect of temperature on incidence of mustard sawfly (*Athalia lugens*), leaf miner (*Chromatomyia horticola*) and painted bug (*Bagrada hilaris*) on rapeseed - mustard (*Brassica* spp.). *Annals of Plant Protection Sciences* 8 (1) : 95-96.
- Maurya, Chauhan Y S & Kumar K 2000 Effect of gamma rays and EMS on incidence of *Alternaria* blight and white rust in M2 generation of indian mustard (*Brassica juncea* L. Czern & Coss.). *Cruciferae Newsletter* No. 22 : 59-60.
- Mishra A S, Chaturvedi O H, Khali A, Prasad R, Santra A, Misra A K, Parthasarathy S & Jakhmola R C 2000 Effect of sodium hydroxide and alkaline hydrogen peroxide treatment on

- physical and chemical characteristics and IVOMD of mustard straw. *Animal Feed Science and Technology* 84 (3-4) : 257-264.
- Mishra A S, Chaturvedi O H, Misra A K & Karim S A 2000 Comparative utilization of urea and fungal treated mustard straw by sheep. *Indian Journal of Animal Sciences* 70 (8) : 854-856.
- Mishra A S, Santra A, Chaturvedi O H, Misra A K, Prasad R & Jakhmola R C 2000 Rumen fermentation characteristics, ciliate protozoa and utilization of nutrients in sheep fed sodium hydroxide treated mustard straw. *Indian Journal of Animal Sciences* 70 (8) : 850-853.
- Mondal S K & Khajuria M R 2000 Genetic analysis for yield attributes in mustard. *Environment and Ecology* 18 (1) : 1-5.
- Nanwal R K, Thakral S K & Kumar R 2000 Response of Indian mustard (*Brassica juncea*) cultivars to nitrogen and *Azotobacter* under conserved moisture conditions. *Annals of Biology Ludhiana* 16 (1) : 85-86.
- Ohno T, Doolan K, Zibilske L M, Liebman M, Gallandt E R & Berube C 2000 Phytotoxic effects of red clover amended soils on wild mustard seedling growth. *Agriculture, Ecosystems and Environment* 78 (2) : 187-192.
- Pandya R K, Tripathi M L & Singh R 2000 Efficacy of fungicides in the management of white rust and alternaria blight of mustard. *Crop Research Hisar* 20 (1) : 137-139.
- Parti R S, Gupta S K & Chhabra M L 2000 Effect of salinity on chlorophyll and free proline of mustard (*Brassica juncea* L.). *Cruciferae Newsletter No. 22* : 31-32.
- Pathak A D, Tripathi R M, Sharma M K & Tripathi R 2000 Comparison of genetic components in Indian mustard (*B. juncea* (L.) Czern & Cos) in CDC system IV and PDC in incomplete block design. *Annals of Agricultural Research* 21(1) : 119-122.
- Pathak A D, Tripathi R M, Sharma M K & Tripathi R 2000 Evaluation of genetic components in Indian mustard (*Brassica juncea* (L.) Czern & Coss) through partial diallel crosses in incomplete block design. *Annals of Agricultural Research* 21 (2) : 282-287.
- Patra D D, Anwar M & Chand S 2000 Integrated nutrient management and waste recycling for restoring soil fertility and productivity in Japanese mint and mustard sequence in Uttar Pradesh, India. *Agriculture, Ecosystems and Environment* 80 (3) : 267-275.
- Pfannschmidt T, Ogrzewalla K, Baginsky S, Sickmann A, Meyer H E & Link G 2000 The multisubunit chloroplast RNA polymerase A from mustard (*Sinapis alba* L.). Integration of a prokaryotic core into a larger complex with organelle-specific functions. *European Journal of Biochemistry* 267 (1) : 253-261.
- Pickering I J, Prince R C, George M J, Smith R D, George G N & Salt D E 2000 Reduction and coordination of arsenic in Indian mustard. *Plant Physiology* 122 (4) : 1171-1177.
- Sinha P, Jain R & Chatterjee C 2000 Interactive effect of boron and zinc on growth and metabolism of mustard. *Communications in Soil Science and Plant Analysis* 31 (1-2) : 41-49.
- Singh R, Dahiya B S & Tripathi N N 2000 Weather factors associated with Sclerotinia stem-rot of Indian mustard and development of a linear model for its prediction. *Cruciferae Newsletter No. 22* : 63-64.

- Raut R F, Hamid A, Hadole S S & Jeughale G S 2000 Effect of irrigation and sulphur on concentration, uptake and availability of sulphur, nitrogen and phosphorus in mustard (*Brassica juncea*). *Journal of Soils and Crops* 10 (1) : 145-148.
- Sheikh I A & Singh J N 2000 Inheritance of resistance to white rust disease in Indian mustard. *Indian Journal of Genetics and Plant Breeding* 60 (3) : 341-346.
- Shrestha S K, Mathur S B & Munk L 2000 *Alternaria brassicae* in seeds of rapeseed and mustard, its location in seeds, transmission from seeds to seedlings and control. *Seed Science and Technology* 28 (1) : 75-84.
- Singh D V & Nad B K 2000 N-S interrelations as affecting yield and nutrient uptake in mustard-moong cropping sequence under various nutrient combinations. *Crop Research Hisar* 19 (3) : 403-408.
- Singh H S & Singh R 2000 Effect of cropping system on the incidence of mustard aphid, *Lipaphis erysimi* Kalt. and its natural enemies under the agroclimatic condition of eastern Uttar Pradesh. *Shashpa* 7 (1) : 41-47.
- Singh H S & Singh R 2000 Rate of population change of mustard aphid, *Lipaphis erysimi* (Kalt) in mustard (*Brassica juncea* L.) based cropping systems. *Annals of Plant Protection Sciences* 8 (1) : 17-19.
- Singh H V 2000 Biochemical basis of resistance in *Brassica* species against downy mildew and white rust of mustard. *Plant Disease Research* 15 (1) : 75-77.
- Mehra S, Pareek A, Bandyopadhyay P, Sharma P & Pental D 2000 Development of transgenics in Indian oilseed mustard (*Brassica juncea*) resistant to herbicide phosphinothricin. *Current Science* 78 (11) : 1358-1364.
- Souza M P de, Lytle C M, Mulholland M M, Otte M L & Terry N 2000 Selenium assimilation and volatilization from dimethylselenoniopropionate by Indian mustard. *Plant Physiology* 122 (4) : 1281-1288.
- Sumeriya H K, Meena N L & Mali A L 2000 Influence of phosphorus, triacontanol granule and growth promoters on quality and economics of mustard (*Brassica juncea* (L.) Czern and Coss). *Annals of Biology Ludhiana* 16 (1) : 51-53.
- Summer H, Pfannschmidt T & Link G 2000 Transcripts and sequence elements suggest differential promoter usage within the ycf3-psaAB gene cluster on mustard (*Sinapis alba* L.) chloroplast DNA. *Current Genetics* 37 (1) : 45-52.
- Syed Jawad A S, Ali I, Shah S A, Ahmad M, Kifyat Ur Rehman & Shaukat Hussain 2000 Losses induced by alternaria blight in yield and oil of rape and mustard in Pakistan. *Cruciferae Newsletter No. 22* : 61-62.
- Tsao Rong, Yu Qing, Friesen I, Potter J & Chiba M 2000 Factors affecting the dissolution and degradation of oriental mustard-derived sinigrin and allyl isothiocyanate in aqueous media. *Journal of Agricultural and Food Chemistry* 48 (5) : 1898-1902.
- Tulema B & Salema M P 2000 Response of bread wheat to increasing mustard meal nitrogen application on Pellic Vertisol and Eutric Nitosol. *Sinet, an Ethiopian Journal of Science* 23 (1) : 53-66.
- Veldhuis L J, Hall L M, O' Donovan J T, Dyer W & Hall J C 2000 Metabolism-based resistance of a wild mustard (*Sinapis arvensis* L.) biotype to ethametsulfuron-methyl. *Journal of Agricultural and Food Chemistry* 48 (7) : 2986-2990.

Verma O P, Kushwaha G D & Singh H P 2000 Heterosis in relation to genetic diversity in Indian mustard. *Cruciferae Newsletter* No. 22 : 93-94.

Verma S K & Sachan J N 2000 Genetic divergence in Indian mustard (*Brassica juncea* (L.) Czern & Coss.). *Crop Research Hisar* 19 (2) : 271-276.

Waligora D & Krzymanska J 2000 Glucosinolates occurring in green parts of mustard (*Sinapis alba* L.) and their biological activity. *Journal of Plant Protection Research* 40 (1) : 7-11.

Woods D L, Jana M K & Downey R K A minor gene controlling erucic acid levels in white mustard. *Cruciferae Newsletter* No. 22 : 49-50.

Nutmeg (*Myristica fragrans* Houtt.)

Shibu M P, Ravishankar K V, Lalitha A, Ganeshaiyah K N & Shaanker R U 2000 Identification of sex-specific DNA markers in the dioecious tree, nutmeg (*Myristica fragrans* Houtt.). *Plant Genetic Resources Newsletter* No. 121 : 59-61.

Oregano (*Origanum vulgare* L.)

Pande C & Mathela C S 2000 Essential oil composition of *Origanum vulgare* L. ssp. *vulgare* from the Kumaon Himalayas. *Journal of Essential Oil Research* 12 (4) : 441-442.

D' Antuono L F, Galletti G C & Bocchini P 2000 Variability of essential oil content and composition of *Origanum vulgare* L. populations from a North Mediterranean area (Liguria Region, northern Italy). *Annals of Botany* 86 (3) : 471-478.

Force M, Sparks W S & Ronzio R A 2000 Inhibition of enteric parasites by emulsified oil of oregano *in vivo*. *Phytotherapy Research* 14 (3) : 213-214.

Mastelic J, Milos M & Jerkovic I 2000 Essential oil and glycosidically bound volatiles of *Origanum vulgare* L. ssp. *hirtum* (Link) Ietswaart. *Flavour and Fragrance Journal* 15 (3) : 190-194.

Milos M, Mastelic J & Jerkovic I 2000 Chemical composition and antioxidant effect of glycosidically bound volatile compounds from oregano (*Origanum vulgare* L. ssp. *hirtum*). *Food Chemistry* 71 (1) : 79-83.

Parsley (*Petroselinum crispum* Miller)

Fejes S Z, Blazovics A, Lemberkovics E, Petri G, Szoke E & Kery A 2000 Free radical scavenging and membrane protective effects of methanol extracts from *Anthriscus cerefolium* L. (Hoffm.) and *Petroselinum crispum* (Mill.) Nym. ex A. W. Hill. *Phytotherapy Research* 14 (5) : 362-365.

Fellbrich G, Blume B, Brunner F, Hirt H, Kroj T, Ligterink W, Romanski A & Nurnberger T 2000 *Phytophthora parasitica* elicitor-induced reactions in cells of *Petroselinum crispum*. *Plant and Cell Physiology* 41 (6) : 692-701.

Griffiths I B & Douglas R G A 2000 Phytophotodermatitis in pigs exposed to parsley (*Petroselinum crispum*). *Veterinary Record* 146 (3) : 73-74.

Yoshikawa M, Uemura T, Shimoda H, Kishi A, Kawahara Y & Matsuda H 2000 Medicinal foodstuffs. XVIII. Phytoestrogens from the aerial part of *Petroselinum crispum* Mill. (parsley) and structures of 6"-acetylapiin and a new monoterpene glycoside, petroside. *Chemical and Pharmaceutical Bulletin* 48 (7) : 1039-1044.

Rosemary (*Rosmarinus officinalis* L.)

- Bicchi C, Binello A & Rubiolo P 2000 Determination of phenolic diterpene antioxidants in rosemary (*Rosmarinus officinalis* L.) with different methods of extraction and analysis. *Phytochemical Analysis* 11 (4) : 236-242.
- Bottega S & Corsi G 2000 Structure, secretion and possible functions of calyx glandular hairs of *Rosmarinus officinalis* L. (Labiatae). *Botanical Journal of the Linnean Society* 132 (4) : 325-335.
- Caruso J L, Callahan J, DeChant C, Jayasimhulu K & Winget G D 2000 Carnosic acid in green callus and regenerated shoots of *Rosmarinus officinalis*. *Plant Cell Reports* 19 (5) : 500-503.
- Dias P C, Foglio M A, Possenti A & Carvalho J E de 2000 Antiulcerogenic activity of crude hydroalcoholic extract of *Rosmarinus officinalis* L. *Journal of Ethnopharmacology* 69 (1) : 57-62.
- Elamrani A, Zrira S, Benjilali B & Berrada M 2000 A study of Moroccan rosemary oils. *Journal of Essential Oil Research* 12 (4) : 487-495.
- Haloui M, Louedec L, Michel J B & Lyoussi B 2000 Experimental diuretic effects of *Rosmarinus officinalis* and *Centaureum erythraea*. *Journal of Ethnopharmacology* 71 (3) : 465-472.
- Munne Bosch S & Alegre L 2000 Changes in carotenoids, tocopherols and diterpenes during drought and recovery, and the biological significance of chlorophyll loss in *Rosmarinus officinalis* plants. *Planta* 210 (6) : 925-931.
- Munne Bosch S, Alegre L & Schwarz K 2000 The formation of phenolic diterpenes in *Rosmarinus officinalis* L. under Mediterranean climate. *European Food Research and Technology* 210 (4) : 263-267.
- Negueruela A I & Perez Arquillue C 2000 Color measurement of rosemary honey in the solid state by reflectance spectroscopy with black background. *Journal of AOAC International* 83 (3) : 669-674.
- Porte A, Godoy RL de O, Lopes D, Koketsu M, Goncalves S L & Torquillo H S 2000 Essential oil of *Rosmarinus officinalis* L. (rosemary) from Rio de Janeiro, Brazil. *Journal of Essential Oil Research* 12 (5) : 577-580.
- Rezzoug S A, Louka N & Allaf K 2000 Effect of the main processing parameters of the instantaneous controlled pressure drop process on oil isolation from rosemary leaves. Kinetics aspects. *Journal of Essential Oil Research* 12 (3) : 336-344.
- Youssef A A & Rady M R 2000 Effect of salt stress on the essential oil content and composition of *Rosmarinus officinalis* callus cultures. *Egyptian Journal of Horticulture* 27 (1) : 69-79.

Saffron (*Crocus sativus* L.)

- Abe K & Saito H 2000 Effects of saffron extract and its constituent crocin on learning behaviour and long-term potentiation. *Phytotherapy Research* 14 (3) : 149-152.
- Chen J S 2000 Zhejiang occurrence and control of mosaic disease (turnip mosaic virus) in saffron (*Crocus sativus*). *Nongye Kexue* No. 3 : 132-135.
- Escribano J, Diaz Guerra M J M, Riese H H, Alvarez A, Proenza R & Fernandez J A 2000 The cytolytic effect of a glycoconjugate extracted from corms of saffron plant (*Crocus sativus*) on human cell lines in culture. *Planta Medica* 66 (2) : 157-162.

- Escribano J, Rubio A, Alvarez Orti M, Molina A & Fernandez J A 2000 Purification and characterization of a mannan-binding lectin specifically expressed in corms of saffron plant (*Crocus sativus* L.). *Journal of Agricultural and Food Chemistry* 48 (2) : 457-463.
- Fernandez J A, Escribano J, Piqueras A & Medina J 2000 A glycoconjugate from corms of saffron plant (*Crocus sativus* L.) inhibits root growth and affects in vitro cell viability. *Journal of Experimental Botany* 51 (345) : 731-737.
- Fukushima A & Saito K 2000 Influence of UV-light on carthamin accumulation and floret elongation in a cultivar of saffron thistle (*Carthamus tinctorius* L.). *Acta Physiologiae Plantarum* 22 (2) : 159-162.
- Guerin Laguette A, Plassard C & Mousain D 2000 Effects of experimental conditions on mycorrhizal relationships between *Pinus sylvestris* and *Lactarius deliciosus* and unprecedented fruit-body formation of the saffron milk cap under controlled soilless conditions. *Canadian Journal of Microbiology* 46 (9) : 790-799.
- Loskutov A V, Beninger C W, Hosfield G L & Sink K C 2000 Development of an improved procedure for extraction and quantitation of safranal in stigmas of *Crocus sativus* L. using high performance liquid chromatography. *Food Chemistry* 69 (1) : 87-95.
- Primo P di & Cappelli C 2000 Preliminary characterization of *Fusarium oxysporum* f.sp. *gladioli* causing *Fusarium* corm rot of saffron in Italy. *Plant Disease* 84 (7) : 806.
- Selim K, Tsimidou M & Biliaderis C G 2000 Kinetic studies of degradation of saffron carotenoids encapsulated in amorphous polymer matrices. *Food Chemistry* 71 (2) : 199-206.
- Valizadeh R 2000 Utilization of saffron leaves as an animal feedstuff. *Agricultural Sciences and Technology* 14 (1) : Pe3-Pe9.

Tamarind (*Tamarindus indica* L.)

- Bhatta R, Krishnamoorthy U & Mohammed F 2000 Effect of feeding tamarind (*Tamarindus indica*) seed husk as a source of tannin on dry matter intake, digestibility of nutrients and production performance of crossbred dairy cows in mid-lactation. *Animal Feed Science and Technology* 83 (1) : 67-74.
- El Siddig K, Ebert G & Ludders P 2000 Emergence and early seedling growth of *Tamarindus indica* L. from geographically diverse populations in the Sudan. *Angewandte Botanik* 74 (1-2) : 17-20.
- Mehta U J, Krishnamurthy K V & Hazra S 2000 Regeneration of plants via adventitious bud formation from mature zygotic embryo axis of tamarind (*Tamarindus indica* L.). *Current Science* 78 (10) : 1231-1234.

Thyme (*Thymus vulgaris* L.)

- Abdolhossein Rustaiyan, Shiva Masoudi, Aazam Monfared, Mohammad Kamalinejad, Taraneh Lajevardi, Soheila Sedaghat & Mohammad Yari 2000 Volatile constituents of three *Thymus* species grown wild in Iran. *Planta Medica* 66 (2) : 197-198.
- Akita M, Ohta Y & Takai G 2000 Production of thymol by shoot culture of *Thymus vulgaris*. *Journal of Society of High Technology in Agriculture* 12 (1) : 18-22.
- Dac Vinh Nguyen, Takacsova M, Jakubik T & Minh Nhat Dang 2000 Antioxidative effect of thyme in rape-seed oil. *Biologia Bratislava* 55 (3) : 277-281.

Delpit B, Lamy J, Rolland F, Chalchat J C & Garry R P 2000 Clonal selection of sabinene hydrate-rich thyme (*Thymus vulgaris*). Yield and chemical composition of essential oils. Journal of Essential Oil Research 12 (3) : 387-391.

Youdim K A & Deans S G 2000 Effect of thyme oil and thymol dietary supplementation on the antioxidant status and fatty acid composition of the ageing rat brain. British Journal of Nutrition 83 (1) : 87-93.

Turmeric (*Curcuma* spp.)

Anto R J, Maliekal T T & Karunakaran D 2000 L-929 cells harboring ectopically expressed RelA resist curcumin-induced apoptosis. Journal of Biological Chemistry 275 (21) : 15601-15604.

Badmaev V & Majeed M 2000 Tetrahydrocurcuminoids (THC) as a skin bioprotectant. Agro Food Industry Hi Tech 11 (1) : 26-27.

Cecilio Filho A B, Souza R J de, Braz L T & Tavares M 2000 Turmeric: plant with medicinal and spice properties and other potential. Ciencia Rural 30 (1) : 171-177.

Chezhiyan N & Shanmugasundaram K A 2000 BSR.2 - a promising turmeric variety from Tamil Nadu. Indian Journal of Arecanut, Spices and Medicinal Plants 2 (1) : 24-26.

Dixit D & Srivastava N K 2000 Distribution of photosynthetically fixed $^{14}\text{CO}_2$ into curcumin and essential oil in relation to primary metabolites in developing turmeric (*Curcuma longa*) leaves. Plant Science Limerick 152 (2) : 165-171.

Deng Rong, Chen JiMin, Yao ChongSun, Wu WangYin, Deng R, Chen J M, Yao C S & Wu W Y 2000 Zedoary turmeric oil gelatin microspheres for hepatic arterial embolization. Acta Pharmaceutica Sinica 35 (7) : 539-543.

Deters M, Siegers C, Hansel W, Schneider K P & Hennighausen G 2000 Influence of curcumin on cyclosporin-induced reduction of biliary bilirubin and cholesterol excretion and on biliary excretion of cyclosporin and its metabolites. Planta Medica 66 (5) : 429-434.

Gopalan B, Goto M, Kodama A & Hirose T 2000 Supercritical carbon dioxide extraction of turmeric (*Curcuma longa*). Journal of Agricultural and Food Chemistry 48 (6) : 2189-2192.

Hazra P, Roy A & Bandopadhyay A 2000 Growth characters as rhizome yield components of turmeric (*Curcuma longa* L.). Crop Research Hisar 19 (2) : 235-240.

Khopde S M, Priyadarsini K I, Guha S N, Satav J G, Venkatesan P & Rao M N A 2000 Inhibition of radiation-induced lipid peroxidation by tetrahydrocurcumin: possible mechanisms by pulse radiolysis. Bioscience, Biotechnology and Biochemistry 64 (3) : 503-509.

Lal B, Kapoor A K, Agrawal P K, Asthana O P & Srimal R C 2000 Role of curcumin in idiopathic inflammatory orbital pseudotumours. Phytotherapy Research 14 (6) : 443-447.

Ozaki K, Kawata Y, Amano S & Hanazawa S 2000 Stimulatory effect of curcumin on osteoclast apoptosis. Biochemical-Pharmacology 59 (12) : 1577-1581.

Park E J, Jeon C H, Ko G N, Kim J B & Sohn D H 2000 Protective effect of curcumin in rat liver injury induced by carbon tetrachloride. Journal of Pharmacy and Pharmacology 52 (4) : 437-440.

Patel K, Krishna G, Sokoloski E & Ito Y 2000 Preparative separation of curcuminoids from crude curcumin and turmeric powder by pH-zone-refining countercurrent chromatography. Journal of Liquid Chromatography and Related Technologies 23 (14) : 2209-2218.

- Ramsewak R S, DeWitt D L & Nair M G 2000 Cytotoxicity, antioxidant and anti-inflammatory activities of curcumins I-III from *Curcuma longa*. *Phytomedicine* 7 (4) : 303-308.
- Rasmussen H B, Christensen S B, Kvist L P & Karazmi A 2000 A simple and efficient separation of the curcumins, the antiprotozoal constituents of *Curcuma longa*. *Planta Medica* 66 (4) : 396-398.
- Reddy M R S & Reddy P V R M 2000 Vasa (*Acorus calamus*) - a botanical pesticide against turmeric beetles. *Insect Environment* 6 (1) : 8-9.
- Pandya U, Chandra A, Awasthi S J, Chatterjee S, Variyar P S, Gholap A S, Padwal Desai S R & Bongirwar D R 2000 Effect of gamma-irradiation on the volatile oil constituents of turmeric (*Curcuma longa*). *Food Research-International* 33 (2) : 103-106.
- Vanilla (*Vanilla* spp.)**
- Aver' yanov L V 2000 Rare species of Orchidaceae in the flora of Vietnam. 2. Genera Eria to Zeuxine. *Botanicheskii Zhurnal* 85 (4) : 137-147.
- Benezet H, Picard E, Come B, Grisoni M, Leclercq Le Quillec F, Gambin O & Jeuffrault E 2000 Vanilla viruses in La Reunion. *Phytoma* No. 526 : 40-42.
- Berry D 2000 The latest twist on vanilla & chocolate supplies. *Dairy Foods* 101 (6) : 27-31.
- Jiang M, Pu F, Xie W S, Hu Y Q & Li Y 2000 Activity of three enzymes in vanilla capsule. *Acta Botanica Yunnanica* 22 (2) : 187-190.
- Nielsen L R 2000 Natural hybridization between *Vanilla claviculata* (W. Wright) Sw. and *V. barbellata* Rchb.f. (Orchidaceae): genetic, morphological, and pollination experimental data. *Botanical Journal of the Linnean Society* 133 (3) : 285-302.
- Odoux E 2000 Changes in vanillin and glucovanillin concentrations during the various stages of the process traditionally used for curing *Vanilla fragrans* beans in Reunion. *Fruits Paris* 55 (2) : 119-125.
- Odoux E, Languille S, Leble J P & Lombard A 2000 The effect of the nature of the soil amendments on the main aromatic compounds in *Vanilla fragrans* beans. *Fruits Paris* 55 (1) : 63-71.
- Rao S R & Ravishankar G A 2000 Vanilla flavour: production by conventional and biotechnological routes. *Journal of the Science of Food and Agriculture* 80 (3) : 289-304.