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ICARDA

Publications Catalog

1991 Supplement



International Center for Agricultural Research in the Dry Areas

Established in 1977, the International Center for Agricultural Research in the Dry Areas (ICARDA) is governed by an independent Board of Trustees. Based at Aleppo, Syria, it is one of 18 centers supported by the Consultative Group on International Agricultural Research (CGIAR), which is an international group of representatives of donor agencies, eminent agricultural scientists, and institutional administrators from developed and developing countries who guide and support its work.

The CGIAR seeks to enhance and sustain food production and, at the same time, improve socioeconomic conditions of people, through strengthening national research systems in developing countries.

ICARDA focuses its research efforts on areas with a dry summer and where precipitation in winter ranges from 200 to 600 mm. The Center has a world responsibility for the improvement of barley, lentil, and faba bean, and a regional responsibility—in West Asia and North Africa—for the improvement of wheat, chickpea, and pasture and forage crops and the associated farming systems.

Much of ICARDA's research is carried out on a 948-hectare farm at its headquarters at Tel Hadya, about 35 km southwest of Aleppo. ICARDA also manages other sites where it tests material under a variety of agroecological conditions in Syria and Lebanon. However, the full scope of ICARDA's activities can be appreciated only when account is taken of the cooperative research carried out with many countries in West Asia and North Africa.

The results of research are transferred through ICARDA's cooperation with national and regional research institutions, with universities and ministries of agriculture, and through the technical assistance and training that the Center provides. A range of training programs are offered extending from residential courses for groups to advanced research opportunities for individuals. These efforts are supported by seminars, publications, and by specialized information services.

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International Center for Agricultural Research in the Dry Areas
P.O. Box 5466, Aleppo, Syria

Contents

Major Reports	1
Annual Report	1
Program Reports	1
Regional Program Reports	1
Nile Valley Regional Program	1
North Africa Regional Program	2
West Asia Regional Program	2
High Elevation Regional Program	3
Latin America Regional Program	3
Syria/ICARDA Collaborative Program	3
ICARDA/Iran Collaborative Project	3
International Nursery Reports	4
Legumes	4
Cereals	4
Barley	4
Meteorological Reports	4
Annual Research and Training Plans	4
Program of Work and Budget	5
Specialized Publications	5
Newsletters/Periodicals	5
Workshop Proceedings and Reference Books	5
Occasional Reports	7
Strategic and Mid-Term Plans	7
Research Reports	7
ICARDA in the News	8
ICARDA Quarterly Progress Report	8
Training Publications	8
Technical Manuals	8
Modules	9
Directories/Catalogs	9
Catalogs	9
Special Study Reports	10

Miscellaneous	10
Information Brochures	10
CGIAR/Donor Information and Public Awareness	10
Journal Articles	11
Theses	16
Author Index	18
Subject Index	23
Appendix A	26

Note to Readers

This is the first supplement to the cumulative ICARDA Publications Catalog 1977-1990. Citations are classified into nine categories, and listed by the year of publication. Theses produced with ICARDA's support are also listed.

Titles listed in this supplement can be obtained, subject to availability of stocks, by writing to ICARDA. The Depository Libraries listed in Appendix A hold all key publications of ICARDA and other international agricultural research centers and make them available to readers in their respective countries through interlibrary loan and photocopy services. Readers are encouraged to use the services of these libraries if their requests cannot be fulfilled by ICARDA due to the non-availability of stocks.

This supplement was compiled using the UNESCO Micro CDS/ISIS software, and is merged with the ICAPUB database at ICARDA. Copies of this database are available to ICARDA cooperators on request.

Major Reports

Annual Report

- (0001) ICARDA, Aleppo (Syria). 1991. ICARDA annual report 1990. En. 133 p. Ar, 132 p.

Program Reports

- (0002) ICARDA, Aleppo (Syria). 1991. Farm resource management program annual report 1990. En. 268 p.
- (0003) ICARDA, Aleppo (Syria). 1991. Food legume improvement program annual report 1990. En. 333 p.
- (0004) ICARDA, Aleppo (Syria). 1991. Cereal improvement program annual report 1990. En. 210 p.
- (0005) ICARDA, Aleppo (Syria). 1991. Genetic resources unit annual report 1990. En. 120 p.
- (0006) ICARDA, Aleppo (Syria). 1991. Seed unit annual report 1990. En. 20 p.

Regional Program Reports

Nile Valley Regional Program

- (0007) ICARDA, Aleppo (Syria). 1991. Nile Valley regional program on cool-season food legumes and barley, annual report 1989/90, Ethiopia. En. 102 p. ICARDA/NVRP-DOC-011.
- (0008) ICARDA, Aleppo (Syria). 1991. Nile Valley regional program on cool-season food legumes and wheat, annual report 1989/90, Sudan. En. 193 p. ICARDA/NVRP-DOC-012.

En, English; Ar, Arabic.

- (0009) ICARDA, Aleppo (Syria). 1991. Nile Valley regional program on cool-season food legumes and cereals, annual report 1989/90, Egypt. En. 138 p. ICARDA/NVRP-DOC-013.

North Africa Regional Program

- (0010) ICARDA, Aleppo (Syria). 1991. North Africa/ICARDA regional coordination meeting, research highlights and workplans 1990/1991 in collaboration with the Algerian, Libyan, Moroccan and Tunisian agricultural research programs. En. 156 p.

West Asia Regional Program

- (0011) ICARDA, Aleppo (Syria). 1991. Increased productivity of barley, pasture and sheep. (Mashreq Project RAB/89/026). En. 117 p. Mash/Doc/004.
- (0012) ICARDA, Aleppo (Syria). 1991. The second technical annual report of Mashreq Project for barley, forages, and sheep. (Mashreq Project RAB/89/026). En. 109 p.
- (0013) ICARDA, Aleppo (Syria). 1991. The second technical annual report of Mashreq Project for barley, forages, and sheep, 1990/1991 season. (Mashreq Project RAB/89/026). En. 111 p.
- (0014) ICARDA, Aleppo (Syria). 1991. Increased productivity of barley, pasture and sheep. Workplan for Syria 1991/92. (Mashreq Project RAB/89/026). En/Ar. 85 p. Mash/Doc/005.
- (0015) ICARDA, Aleppo (Syria). 1991. Increased productivity of barley, pasture and sheep. Workplan for Jordan 1991/92. (Mashreq Project RAB/89/026). En/Ar. 102 p. Mash/Doc/006.
- (0016) ICARDA, Aleppo (Syria). 1991. Increased productivity of barley, pasture and sheep. Workplan for Iraq 1991/92. (Mashreq Project RAB/89/026). En/Ar. 105 p. Mash/Doc/006.
- (0017) ICARDA, Aleppo (Syria). 1991. An introduction to Mashreq Project, objectives and activities. En. 8 p. ICARDA-Mashreq-Doc-008. (RAB/89/062).

High Elevation Regional Program

- (0019) ICARDA, Aleppo (Syria). 1991. Highland regional program : the MART/AZR project annual report 1990. En. 101 p.

Latin America Regional Program

- (0020) ICARDA, Aleppo, Syria. 1991. Annual report for CIMMYT/ICARDA regional durum wheat nurseries 1989/90. En. 229 p.
- (0021) ICARDA, Aleppo, Syria. 1991. Annual report for CIMMYT/ICARDA regional bread wheat nurseries 1989/90. En. 229 p.
- (0022) Belaid, A.; Morris, M.L. 1991. Wheat and barley production in rainfed marginal environments of West Asia and North Africa: problems and prospects. CIMMYT Economics Working Paper 91/02. (ISSN 0258-8587). (Prepared in collaboration with ICARDA). En. 76 p. CIMMYT, Mexico, D.F.

Syria/ICARDA Collaborative Program

- (0023) ICARDA, Aleppo (Syria). 1991. ICARDA-Syria collaborative research and training program: fertilizer use on wheat in Northern Syria. 1989/90 annual report. En. 64 p.
- (0024) ICARDA, Aleppo (Syria). 1991. ICARDA-Syria collaborative research and training program. 1990/91 workplan. En. 42 p.
- (0025) ICARDA, Aleppo (Syria). 1991. ICARDA-Syria collaborative research and training program: Annual report 1989/90. En. 242 p.

ICARDA/Iran Collaborative Project

- (0026) ICARDA, Aleppo (Syria). 1991. Strengthening agricultural research for dryland farming in the highlands of Iran. En. 61 p.

International Nursery Reports

Legumes

- (0027) ICARDA, Aleppo (Syria). 1991. International nursery report No. 13. Food legume nurseries 1988/89. En. 442 p.

Cereals

- (0028) ICARDA, Aleppo (Syria). 1991. International cereal nurseries. List of cooperators and nursery distribution 1990/91. En. 32 p.

Barley

- (0029) ICARDA, Aleppo (Syria). 1991. Annual report for the international barley nurseries 1989/90. En. 207 p.

Meteorological Reports

- (0030) ICARDA, Aleppo (Syria). 1991. Meteorological reports for ICARDA experiment stations in Syria and Lebanon: 1989/90. En. 323 p.

Annual Research and Training Plans

- (0031) ICARDA, Aleppo (Syria). 1991. Farm resource management program: research and training plans 1990/91 season. En. 61 p.
- (0032) ICARDA, Aleppo (Syria). 1991. Cereal improvement program: research and training plans 1990/91. En. 158 p.
- (0033) ICARDA, Aleppo (Syria). 1991. Cereal improvement program: research and training plans 1991/92. En. 35 p.

- (0034) ICARDA, Aleppo (Syria). 1991. Legume program: research and training plans 1991/92. En. 119 p.

Program of Work and Budget

- (0035) ICARDA, Aleppo (Syria). 1991. ICARDA program of work and budget. En. 47 p.

Specialized Publications

Newsletters/Periodicals

- (0036) ICARDA, Aleppo (Syria). FABIS Newsletter. No. 27. En/Ar, 44 p.
- (0037) ICARDA, Aleppo (Syria). Faba Bean in AGRIS. Vol 6, 1990 (cumulation), 45 p.
- (0038) ICARDA, Aleppo (Syria). LENS Newsletter. Vol. 17, No. 1, 42 p.; No. 2, 46 p.
- (0039) ICARDA, Aleppo (Syria). RACHIS Newsletter. Vol 9, No. 1, Ar, 46 p.; Vol. 9, No. 2, En, 50 p., Ar, 48 p.; Vol. 10, No. En/Ar 40 p.
- (0040) ICARDA, Aleppo (Syria). 1991. Seed Info. No. 1, 9 p., No. 2, 12 p. En.
- (0041) ICARDA, Aleppo (Syria). Pasture and Forage Legume Network News. No. 1, 7 p.; No. 2, 10 p.; No. 3, 12 p.

Workshop Proceedings and Reference Books

- (0042) ICARDA, Aleppo (Syria). 1991. Draft report. Workshop on quarantine for seed in the Near East region, 2-9 Nov 1991, Aleppo, Syria. En. 39 p.

- (0043) CIMMYT. 1991. Wheat and barley production in rainfed marginal environments of the developing world. 1990-91 CIMMYT world wheat facts and trends. Prepared in collaboration with ICARDA. En. ISSN 0257-876X. CIMMYT. Mexico, D.F. 50 p.
- (0044) Acevedo, E.; Conesa, A.P.; Monneveux, P.; Srivastava J.P. (eds.). 1991. Physiology-breeding of winter cereals for stressed Mediterranean environments: proceedings of a symposium. [Montpellier FR 3-6 July 1989], Les Colloques no. 55. En. ISBN: (ISSN 0293-1915). PARIS FR: Institut National de la Recherche Agronomique, ISBN 2-7380-0306-0. 490 p.
- (0045) Amine, M. (ed.). 1991. Ley farming: proceedings of a national seminar on ley farming. [Rabat MA 1990-02-01 to 02]. (Rabat MA: Actes Editions, Institut Agronomique et Veterinaire Hassan II). En. 178 p.
- (0046) Cubero, J.I.; Saxena M.C. (eds.). 1991. Present status and future prospects of faba bean production and improvement in the Mediterranean countries: proceedings of the Zaragoza/Spain Seminar. [Zaragoza ES 27-29 June 1989], Options Mediterraneennes, Serie A: Seminaires Mediterraneens, No. 10. Paris FR: Centre International de Hautes Agronomique Mediterraneennes. En. ISSN 1016-121X. 186 p.
- (0047) Gregg, B.; van Gastel, A.J.G.; Homeyer, B.; Holm, K.; Gomaa, A.S.A.; Salah W.M. 1991. Roguing seed production fields. Giza EG: National Agricultural Research Center. En. 20 p. NARP Publication No. 40.
- (0048) Gregg, B.; van Gastel, A.J.G.; Homeyer, B.; Holm, K.; Salah Wanis; Ghanem, E.H.; Abdel Monem, A.; Gouda, A.; Shehata, O. 1991. Procedures for inspecting wheat seed fields. En. 31 p. Giza EG: National Agricultural Research Center. NARP Publication No. 39.
- (0049) Harris, C.H.; Cooper, P.J.M.; Pala, M. 1991. Soil and crop management for improved water use efficiency in rainfed areas: proceedings of an international workshop held in Ankara, Turkey, 15-19 May 1989. ICARDA, Aleppo, Syria. En. 352 p.
- (0050) Perrier, E.R.; Salkini A.B. (eds.). 1991. Supplemental irrigation in the Near East and North Africa: proceedings of a workshop on regional consultation on supplementary irrigation [Rabat MA 7-9 December 1987]. ISBN 0-7923-1007-3. Dordrecht NL: Kluwer Academic Publishers. En. 611 p.
- (0051) Rana, M.S.K.; Malik, B.A. 1991. Food legume breeding strategies: proceedings of a workshop held at the National Agricultural Research Center, Pakistan Agricultural Research Council, Islamabad, Pakistan, 22 Mar 1989. ICARDA, Aleppo, Syria. En. 90 p.

- (0052) ICARDA, Aleppo (Syria). Sarraj, W. 1991. Science writing in Arabic. 2nd edition. Ar. 191 p.
- (0053) Smith, A.; Robertson, L. (eds.). 1991. Legume genetic resources for semi-arid temperate environments: proceedings of an international workshop on genetic resources of cool-season pasture, forage, and food legumes for semi-arid temperate environments, Cairo, Egypt, 19-24 June 1987. ICARDA, Aleppo, Syria. En. 511 p.

Occasional Reports

Strategic and Mid-Term Plans ---

- (0054) ICARDA, Aleppo (Syria). 1991. ICARDA's interim external management review, 2-12 September 1991. Center's report to the panel. En. 102 p.
- (0055) ICARDA, Aleppo (Syria). 1991. Progress report on the recommendations of the 1991 external management review: external program and management reviews 1988. En. 44 p.

Research Reports ---

- (0056) Ahmad, S.; Rodriguez, A.; Farid Sabir, G.; Roidar Khan, B.; Panah, M. 1991. Economic losses of wheat crops infested with yellow rust in highland Balochistan: survey results. En. 15 p. Research report No. 67.
- (0057) Ahmad, S.; Roidar Khan, B.; Asghar, A.; Keatinge, J.D.H.; Begum, I. 1991. Selection of bread wheat genotypes for spring sowing in the arid highlands of Balochistan. En. 12 p. Research report No. 69.
- (0058) Ahmad, S.; Begum, I.; Jaleel, S.A.; Anwar Khan, M.; Allan, A.Y. 1991. Germplasm evaluation in the arid highlands of Balochistan: Annual report of the AZRI germplasm research group. En. 29 p. Research report No. 73.
- (0059) Ashgar, A.; Ahmad, S.; Roidar Khan, B.; Keatinge, J.D.H. 1991. Selection of vetch genotypes under rainfed conditions in highland Balochistan. En. 12 p. Research report No. 68.
- (0060) Carter, E.D. 1978. Legumes in farming systems of the Near East and North African region. En. 118 p. Reprinted 1991.

- (0061) Chaudhry, M.A. 1991. Strengthening linkages between research, agribusiness and farmers. En. 41 p. Research report No. 72.
- (0062) Mahmood, K.; Rodriguez, A. Marketing and processing of small ruminants in highland Balochistan. En. 14 p. Research report No. 71.
- (0063) Roidar Khan, B.; Thomson, E.F.; Allan, A.Y.; Rodriguez, A.L. 1991. AZRI research plans for 1991/92. En. 58 p. Research report No. 70.
- (0064) Sabir, G.F.; Afzal, A.; Shah, N.A.; Nagy, J.G.; Keatinge, J.D.H.; Rodriguez, A. 1991. Camel survey results in highland Balochistan. En. 29 p. Research report No. 66.

ICARDA in the News

- (0065) ICARDA, Aleppo (Syria). 1991. ICARDA in the news 1989. En. 56 p.
- (0066) ICARDA, Aleppo (Syria). 1991. ICARDA in the news 1990. En/Ar. 40 p.

ICARDA Quarterly Progress Report

- (0067) ICARDA, Aleppo, Syria. ICARDA Quarterly Progress Report. Winter 1990, 11 p.; Summer 1991, 9 p.

Training Publications

Technical Manuals

- (0068) Miller, R. 1991. Insect pests of wheat and barley in West Asia and North Africa. En. 136 p. Technical Manual No. 9 (Rev. 2).
- (0069) Porceddu, E.; Damania, A.B. 1991. Sampling strategies for conserving variability of genetic resources in seed crops. En. 28 p. Technical Manual No. 17.

Modules

- (0070) ICARDA, Aleppo (Syria). 1991. Testing seed for fungal pathogens. En. 40 p. (ICARDA Audiovisual Series).
- (0071) ICARDA, Aleppo (Syria). 1991. Hybridization techniques in barley. En. 16 p. (ICARDA Audiovisual Series).
- (0072) ICARDA, Aleppo (Syria). 1991. Hybridization techniques in chickpea. En. 16 p. (ICARDA Audiovisual Series).
- (0073) ICARDA, Aleppo (Syria). 1991. Hybridization techniques in faba bean. En. 15 p. (ICARDA Audiovisual Series).
- (0074) ICARDA, Aleppo (Syria). 1991. Hybridization techniques in lentil. En. 16 p. (ICARDA Audiovisual Series).
- (0075) ICARDA, Aleppo (Syria). 1991. Introduction to biological nitrogen fixation. En. 12 p. (ICARDA Audiovisual Series).

Directories/Catalogs

Catalogs

- (0076) Damania, A.B.; Valkoun, J.; Humeid, B.; Pecetti, L.; Porceddu, E. 1991. Durum wheat germplasm catalog. En. 563 p.
- (0077) Singh, K.B.; Holly, L.; Bejiga, G. 1991. A catalog of kabuli chickpea germplasm. En. 398 p.

Special Study Reports

- (0078) ICARDA, Aleppo (Syria). 1991. Procedures for inspecting wheat seed fields. En. 43 p.
- (0079) ICARDA, Aleppo (Syria). 1991. Roguing seed production fields. En. 26 p.

Miscellaneous

Information Brochures

- (0081) ICARDA, Aleppo (Syria). 1991. ICARDA's seed unit. En. 8 p.
- (0082) ICARDA, Aleppo (Syria). 1991. Training at ICARDA. En. 20 p.
- (0083) ICARDA, Aleppo (Syria). 1991. International school of Aleppo. Faculty handbook 1991/92. En. 106 p.
- (0084) ICARDA, Aleppo (Syria). 1991. International school of Aleppo. Student handbook 1991/92. En. 43 p.
- (0085) ICARDA, Aleppo (Syria). 1991. International school of Aleppo. Yearbook 1990/91. Eagle's flight around the world. En. 90 p.
- (0086) ICARDA, Aleppo (Syria). 1991. Plant variety testing: description, performance and release. En. 2 p.
- (0087) Kearl, Bryant. 1991. Training follow-up study. Final report. En. 47 p.

CGIAR/Donor Information and Public Awareness

- (0088) ICARDA, Aleppo (Syria). 1991. Proceedings of the twenty-fourth meeting of the Board of Trustees, 30-31 May 1990. En. 148 p.

- (0090) ICARDA, Aleppo (Syria). Fadda, N. 1991. An introduction to ICARDA. A presentation at Centers Week 1991, Washington DC, USA. En. 27 p.
- (0091) Jones, M. 1991. Agricultural sustainability research at ICARDA. A presentation at Centers Week 1991, Washington DC, USA. En. 20 p.

Journal Articles

- (0092) Acevedo, E.; Craufurd, P.Q.; Austin, R.B.; Perez-Marco, P. 1991. Traits associated with high yield in barley in low-rainfall environments. *Journal of Agricultural Science* 116(1): 23-36.
- (0093) Aldaoud, R.; El-Ahmad, M.; Bayaa, B.; Makkouk, K. 1991. Incompatibility between root stock and scion of grapevine in Syria is possibly caused by a virus. *Arab Journal of Plant Protection* 9(1): 66-67.
- (0094) Ali, A.; Keatinge, J.H.D.; Roidar Khan, B.; Ahmad, S. 1991. Germplasm evaluation of lentil lines for the arid highlands of West Asia. *Journal of Agricultural Science (Cambridge)* 117(3): 347-354.
- (0095) Beck, D.P. 1991. Suitability of charcoal-amended mineral soil as carrier for *Rhizobium* inoculants. *Soil Biology and Biochemistry* 23(1): 41-44.
- (0096) Beck, D.P.; Wery, J.; Saxena, M.C.; Ayadi, A. 1991. Dinitrogen fixation and nitrogen balance in cool-season food legumes. *Agronomy Journal* 83(2): 334-341.
- (0096a) Calhoun, D.S.; Burnett, P.A.; Robinson, J.; Vivar, H.E. 1991. Field resistance to Russian wheat aphids in barley: I. symptom expression. *Crop Science* 31: 1464-1467.
- (0096b) Calhoun, D.S.; Burnett, P.A.; Robinson, J.; Vivar, H.E.; Gilchrist, L. 1991. Field resistance to Russian wheat aphid in barley: II. yield assessment. *Crop Science* 31: 1468-1472.
- (0097) Ceccarelli, S.; Acevedo, E.; Grando, S. 1991. Breeding for yield stability in unpredictable environments: single traits, interaction between traits, and architecture of genotypes. *Euphytica* 56: 169-185.
- (0097a) Ceccarelli, S.; Grando, S. 1991. Selection environment and environmental sensitivity in barley. *Euphytica* 57: 157-167.

- (0097b) Ceccarelli, S.; Grando, S. 1991. Environment of selection and type of germplasm in barley breeding for low-yielding conditions. *Euphytica* 57: 207-219.
- (0097c) Corey, A.; Hayas, P.M.; Vivar, H.E.; Wesenbuerg, D.; Franckowiak, J. 1991. Genetic analysis of resistance to barley stripe rust race 24. *Agronomy Abstracts*: p. 90.
- (0098) Craufurd, P.Q.; Austin, R.B.; Acevedo, E.; Hall, M.A. 1991. Carbon isotope discrimination and grain-yield in barley. *Field Crops Research* 27(4): 301-313.
- (0099) Damania, A.B. 1991. The use of genetic resources in breeding durum wheat. *Plant Breeding Abstracts* 61(8): 873-881.
- (0100) di Vito, M.; Greco, N.; Saxena, M.C. 1991. Effectiveness of soil solarization for control of *Heterodera ciceri* and *Pratylenchus thomei* on chickpea in Syria. *Nematologia Mediterranea* 19(1): 109-111.
- (0101) Elings, A. 1991. Durum wheat landraces from Syria. II. Patterns of variation. *Euphytica* 54(3): 231-243.
- (0102) Elings, A.; Nachit, M.M. 1991. Durum wheat landraces from Syria. I. Agro-ecological and morphological characterization. *Euphytica* 53(3): 211-224.
- (0103) Erskine, W.; Gill, A.S.; Orhan, A.; Pastrana, C. 1991. Heterosis in lentil (*Lens culinaris* Medikus). *Journal of Genetics & Breeding* 45: 241-244.
- (0104) Erskine, W.; Muehlbauer, F.J. 1991. Allozyme and morphological variability, outcrossing rate and core collection formation in lentil germplasm. *Theoretical and Applied Genetics* 83(1): 119-125.
- (0105) Erskine, W.; Diekmann, J.; Jegatheeswaran, P.; Salkini, A.; Ghanaim, A.; El Ashkar, F. 1991. Evaluation of lentil harvest systems for different sowing methods and cultivars in Syria. *Journal of Agricultural Science (Cambridge)* 117(3): 333-338.
- (0106) Erskine, W.; Williams, P.C.; Nakkoul, H. 1991. Splitting and dehulling lentil (*Lens culinaris*): Effects of seed size and different pretreatments. *Journal of the Science of Food and Agriculture* 57(1): 77-84.
- (0107) Erskine, W.; Williams, P.C.; Nakkoul, H. 1991. Splitting and dehulling lentil (*Lens culinaris*): Effects of genotype and location. *Journal of the Science of Food and Agriculture* 57(1): 85-92.
- (0108) Erskine, W.; Goodrich, W.J. 1991. Variability in lentil growth habit. *Crop Science* 31(4): 1040-1044.

- (0109) Gallagher, L.W.; Soliman, K.M.; Vivar, H. 1991. Interactions among loci conferring photoperiod insensitivity for heading time in spring barley. *Crop Science* 31(2): 256-261.
- (0110) Grey, W.E.; Engel, R.E.; Mathre, D.E. 1991. Reaction of spring barley to common root rot under several moisture regimes: Effect on yield components, plant stand, and disease severity. *Canadian Journal of Plant Science* 71(2): 461-472.
- (0111) Haffar, I.; Singh, K.B.; Birbari, W. 1991. Assessment of chickpea (*Cicer arietinum*) grain quality and losses in direct combine harvesting. *Transactions of the ASAE* 34(1): 9-13.
- (0112) Hamdi, A.; Erskine, W.; Gates, P. 1991. Relationships among economic characters in lentil. *Euphytica* 57(2): 109-116.
- (0113) Inagaki, M.; Tahir, M. 1991. Effects of semi-dwarfing genes Rht1 and Rht2 on yield in doubled haploid lines of wheat. *Japanese Journal of Breeding* 41(1): 163-167.
- (0114) Inagaki, M.N.; Al-Ek, W.; Tahir, M. 1991. A comparison of haploid production frequencies in barley crossed with maize and *Hordeum bulbosum* L. *Cereal Research Communications* 19(4): 385-390.
- (0115) Ishag, H.M.; Ageeb, A.A. 1991. The physiology of grain yield in wheat in an irrigated tropical environment. *Experimental Agriculture* 27(1): 71-77.
- (0116) Jimenez-Diaz, R.M.; Singh, K.B.; Trapero-Casas, A.; Trapero-Casas, J.L. 1991. Resistance in kabuli chickpeas to Fusarium wilt. *Plant Disease* 75(9): 914-918.
- (0117) Kotlabi, H.; Miller, R.H. 1990. A survey of wheat stem borer, *Oria musculosa* Hubner (Lepidoptera: Noctuidae), in Syria (1983-1987). *Arab Journal of Plant Protection* 8(2): 127-130.
- (0118) Keatinge, J.D.H.; Ali, A.; Roidar Khan, B.; Abd El Moncim, A.M.; Ahmad, S. 1991. Germplasm evaluation of annual sown forage legumes under environmental conditions marginal for crop growth in the highlands of West Asia. *Journal of Agronomy and Crop Science* 166(1): 48-57.
- (0119) Keatinge, J.D.H.; Chapanian, N. 1991. The effect of improved management on the yield and nitrogen content of legume hay/barley crop rotations in West Asia. *Journal of Agronomy and Crop Science* 167(1): 61-69.
- (0120) Lashermes, P.; Engin, G.; Ortiz Ferrara, G. 1991. Anther culture of wheat (*Triticum aestivum*) adapted to dry areas of West Asia and North Africa. *Journal of Genetics and Breeding* 45: 33-38.

- (0121) Linke, K.-H.; Sauerborn, J.; Saxena, M.C. 1991. Host-parasite relationships: Effect of *Orobanche crenata* and seed banks on development of the parasite and yield of faba bean. *Angewandte Botanik* 65: 229-238.
- (0122) Malhotra, R.S.; Singh, K.B. 1991. Gene action for cold tolerance in chickpea. *Theoretical and Applied Genetics* 82(5): 598-601.
- (0122a) Mamluk, O.F.; Al-Ahmed, M.; Makki, M.A. 1990. Current status of wheat diseases in Syria. *Phytopathologia Mediterranea* 29: 143-150.
- (0123) Matar, A.E.; Beck, D.P.; Pala, M.; Garabet, S. 1991. Nitrogen mineralization potentials of selected Mediterranean soils. *Communications in Soil Science and Plant Analysis* 22(1&2): 23-36.
- (0124) Materon, L.A. 1991. Symbiotic characteristics of *Rhizobium meliloti* in West Asian soils. *Soil Biology and Biochemistry* 23(5): 429-434.
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Author Index

- | | | |
|--|--------------------------------------|--|
| Abd Al-Rahcem
Yasin, J.Z.
0153 | Alamee, J.
0155 | Bejiga, G.
0151, 0077, 0137 |
| Abd El Moncim,
A.M.
0118 | Aldaoud, R.
0093 | Belaid, A.
0022 |
| Abdel Monem, A.
0048 | Ali, A.
0094, 0118 | Birbari, W.
0111 |
| Abu Gharbich, W.
0152 | Allan, A.Y.
0058, 0063 | Burnett, P.A.
0096a, 0096b, 0134,
0146 |
| Accvedo, E.
0044, 0092, 0097, 0098 | Amine, M.
0045 | Calhoun, D.S.
0096a, 0096b, 0134 |
| Afzal, A.
0064 | Anwar Khan, M.
0058 | Carter, E.D.
0060 |
| Agecb, A.A.
0115 | Asghar, A.
0059, 0057 | Ceccarelli, S.
0097, 0097a, 0097b |
| Ahmad, S.
0056, 0057, 0058,
0059, 0094, 0118 | Austin, R.B.
0092, 0098 | Chapanian, N.
0119 |
| Al Thahabi, S.A.A.
0154 | Ayadi, A.
0096 | Chaudhry, M.A.
0061 |
| Al-Ahmed, M.
0122a | Azam-Ali, S.N.
0126 | Cocks, P.S.
0130 |
| Al-Ek, W.
0114 | Bayaa, B.
0093, 0152 | Conesa, A.P.
0044 |
| Alamdar, M.Z.
0144 | Beck, D.P.
0095, 0096, 0123, 0128 | Cooper, P.J.M.
0049 |
| | Begum, I.
0057, 0058 | Corey, A.
0097c |

Craufurd, P.Q.
0092, 0098

Cubero, J.I.
0046

Damania, A.B.
0069, 0076, 0099

Danso, S.K.A.
0125

Darwich, M.
0156

Di Vito, M.
0100

Dickmann, J.
0105

El Ashkar, F.
0105

El Mahmoud, F.J.
0157

El-Ahmad, M.
0093

El-Sherbeeney, M.
0133

Elings, A.
0101, 0143

Elings, A.
0102

Engel, R.E.
0110

Engin, G.
0120

Epplen, J.T.
0147

Ersline, W.
0103, 0104, 0105,
0106, 0107, 0108,
0112, 0136

Fadda, N.
0090

Farid Sabir, G.
0056

Fischer, R.A.
0128a

Fox, P.N.
0146

Gallagher, L.W.
0109

Garabet, S.
0123

Gates, P.
0112

Gauch, H.G.
0128a

Ghanaim, A.
0105

Ghanem, E.H.
0048

Gill, A.S.
0103

Gomaa, A.S.A.
0047

Goodrich, W.J.
0108

Gouda, A.
0048

Grando, S.
0097, 0097a, 0097b

Greco, N.
0100

Gregg, B.
0047, 0048

Grey, W.E.
0110, 0144

Haffar, I.
0111

Hall, M.A.
0098

Hamdi, A.
0112

Harris, C.H.
0049

Haware, P.P.
0141

Hayes, P.M.
0097c

Holly, L.
0077

Holm, K.
0047, 0048

Homeyer, B.
0047, 0048

Humeid, B.
0076

Inagaki, M. 0113	Lashermes, P. 0120, 0146a	Mehmood, S. 0132
Inagaki, M.N. 0114	Linke, K.-H. 0121	Miller, R. 0068
Ishag, H.M. 0115	Mahmood, K. 0062	Miller, R.H 0117, 0127
Islam, M. 0132	Makkouk, K. 0093	Moawad, H. 0128
Jain, K.C. 0141	Makkouk, K.M. 0152	Monneveux, P. 0044
Jaleel, S.A. 0058	Makki, M.A. 0122a	Morris, M.L. 0022
Jegatheeswaran, P. 0105	Malhotra, R.S. 0122, 0150	Muehlbauer, F.J. 0104
Jimenez-Diaz, R.M. 0116	Malik, B.A. 0051, 0163	Nachit, M.M. 0102, 0128a
Jones, M. 0091	Mamluk, O.F. 0112a	Nagy, J.G. 0064
Kacemmer, D. 0147	Mashlab, H. 0067a	Nakkoul, H. 0106, 0107
Kahl, G. 0147	Matar, A.E. 0123	Onsager, J.A. 0127
Kearl, Bryant 0087	Materon, L.A. 0124, 0125	Onur, E. 0129
Keatinge, J.D.H. 0057, 0059, 0064, 0094, 0118, 0119	Mathre, D.E 0110	Orhan, A. 0103
Kotlabi, H. 0117	Matthews, R.B. 0126	Ortiz Ferrara, G. 0120, 0149
Kumar, J. 0141	Mazid, A. 0129	Osman, A.E. 0130

Osman, M.A. 0131	Rana, M.S.K. 0051	Saghir, A.R. 0152
Pagnotta, M.A. 0130, 0158	Rao, R.C.N. 0140	Salah, W.M. 0047
Pala, M. 0049, 0123	Raza, S.H. 0132	Salah, Wanis 0048
Panah, M. 0056	Reddy, M.V. 0138	Salkini, A.B. 0050
Pastrana, C. 0103	Rees, D.J. 0132	Salkini, A. 0105
Payne, T.S. 0142	Reheman, F. 0132	Samiullah, A. 0132
Peacock, J.M. 0126, 0131	Robertson, L. 0053, 0133	Sarraj, W 0052, 0135
Pecetti, L. 0076	Robinson, J. 0134, 0096a, 0096b	Sauerborn, J. 0121
Perez-Marco, P. 0092	Rodriguez, A. 0056, 0062, 0064	Saxena, M.C. 0046, 0096, 0100, 0121, 0136, 0147
Perrier, E.R. 0050	Rodriguez, A.L. 0063	Schlingloff, S. 0160
Porceddu, E. 0069, 0076	Roidar Khan, B. 0056, 0057, 0059, 0063, 0094, 0118	Sethi, S.C. 0141
Qu Liang 0144	Russi, L. 0130	Shah, N.A. 0064
Qureshi, Z. 0132	Saade, M.E. 0159	Sharif, S. 0152
Rajaram, S. 0142	Sabir, G.F. 0064	Shehata, O. 0048
Raju, P.S. 0131	Saffell, R.A. 0126	Silim, S.N. 0136

Singh, K.B.
0077, 0111, 0116,
0122, 0137, 0138,
0141, 0150, 0151

Singh, M.
0139, 0140

Singh, O.
0141

Singh, R.P.
0142

Smith, A.
0053

Smithson, J.B
0141

Soliman, K.M.
0109

Sorrells, M.E.
0128a

Srivastava, J.P.
0044, 0149

Tadesse, N.
0164

Tahir, M.
0113, 0114

Thomson, E.F.
0063

Trapero-Casas, J.L.
0116

Trapero-Casas, A.
0116

Ul Haq, M.A.
0162

Valkoun, J.
0076

Van Gastel, A.J.G.
0047, 0048

Van Hintum, Th.J.L.
0143

Van Leur, J.A.G.
0144

Vivar, H.
0109

Vivar, H.E.
0096a, 0096b, 0097c,
0134, 0146

Weigand, F.
0067a, 0146a, 0147

Weising, K.
0147

Wery, J.
0096

Whitaker, M.L.
0161

Williams, J.H.
0126, 0140

Williams, P.C.
0106, 0107

Yau, S.K.
0148, 0149

Zobel, R.W.
0128a

Subject Index

AGRICULTURE IN GENERAL

0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011, 0012, 0013, 0014, 0015, 0016, 0019, 0020, 0021, 0023, 0024, 0025, 0027, 0028, 0029, 0031, 0032, 0033, 0034, 0061, 0063, 0081, 0090, 0091,

TRAINING, EXTENSION AND INFORMATION

Training and Education

0052, 0068, 0070, 0071, 0072, 0073, 0074, 0075, 0078, 0079, 0083, 0084, 0085, 0135

Extension

0017, 0082, 0087

Documentation and Information

0040, 0065, 0066

ADMINISTRATION AND LEGISLATION

Public Administration

0035, 0054, 0055, 0088

AGRICULTURAL ECONOMICS, DEVELOPMENT AND RURAL SOCIOLOGY

Production Economics

0022, 0043, 0129, 0156

Trade, Marketing and Distribution

0062, 0159

International Trade

0159

PLANT SCIENCE AND PRODUCTION

Crop Husbandry

0026, 0060, 0096, 0097, 0099, 0101, 0102, 0103, 0104, 0108, 0111, 0112, 0113, 0114,

0116, 0118, 0119, 0120, 0122, 0125, 0126, 0129, 0130, 0131, 0132, 0134, 0136, 0141, 0149, 0150

Seed Production

0042, 0047, 0048, 0078, 0079

Fertilizing

0157

Irrigation

0050

Cropping Patterns and Systems

0026, 0045, 0049, 0060, 0130, 0132

Plant Genetics and Breeding

0044, 0046, 0051, 0053, 0057, 0058, 0059, 0069, 0076, 0077, 0086, 0094, 0097, 0099, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0111, 0112, 0113, 0114, 0118, 0120, 0122, 0133, 0137, 0138, 0139, 0141, 0142, 0143, 0144, 0146, 0148, 0149, 0150, 0151, 0155, 0162, 0163

Plant Ecology

0158, 0161

Plant Physiology and Biochemistry

0044, 0092, 0098, 0109, 0115, 0137

Plant Physiology - Nutrition

0143

PLANT PROTECTION

General Aspects

0042, 0152

Pests of Plants

0068, 0117, 0134

Plant Diseases

0056, 0093, 0100, 0110, 0116, 0138, 0142, 0144, 0147, 0163, 0164

Miscellaneous Plant Disorders

0122

Weeds and Weed Control
0121, 0131, 0153, 0154, 0160

ANIMAL SCIENCE, PRODUCTION AND PROTECTION

Animal Husbandry
0064

Animal Ecology
0064

Pests of Animals
0127

NATURAL RESOURCES AND ENVIRONMENT

Soil Biology
0095, 0096, 0123, 0124, 0125, 0128

Meteorology and Climatology
0030

METHODOLOGY

Mathematical and Statistical Methods
0139, 0140

Research Methods
0048

Appendix A

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