

PERSONAL DATA

Name: Bassam O. Bayaa
Birthday: November 26, 1946
Nationality: Palestinian refugee resident in Syria since 1948.
Family status: Married, 4 children
Health: Excellent
Present Address: Faculty of Agriculture, Aleppo University,
Aleppo. Syria
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EDUCATION

High School

1963-1965: Hanano High School, Aleppo, Syria. Syrian Baccalaureate, Scientific section, rating very good.

College

1965-1969: B.Sc. in General Agriculture (rating- excellent). College of Agriculture, Aleppo University, Syria.

1970: Faculty of Science PARIS VI, Department of Botany. Diplôme d'Etude Approfondie (DEA), Spéciality Plant Cytology and Morphogenesis. Thesis title: Etude sur les activités enzymatiques de lyse des membranes cellulaires des fruits altérés par diverse parasites fongiques" (rating -very good).

1970-1971: National Institute of Agriculture (INA-Paris). Diplôme d'Etudes supérieures (DES). Spéciality "Plant Pathology-Taxonomy".

1971-1973: Faculty of Science PARIS VI, Département of Botany. Doctorate (Doctor Engineer). Spéciality "Physiological Plant Diseases". Thesis title: Etude physiopathologique de l'infection fongique des pommes par les parasites de blessures et les parasites latents (rating Honorable).

1985-1986: Rutgers State University, Department of Plant Pathology, New Jersey. Certificate of Advanced Studies in Plant Pathology, Mycology and Nematology.

LANGUAGES

Arabic: Native language (excellent).
English: Fluent in speaking and writing.
French: Fluent in speaking and writing.

EXPERIENCE

1973-2009: Professor (1983-2009), Associate professor (1978-1983) and Assistant Professor (1973-1978) of Plant Pathology; and Head Department of Plant Protection (1979-1983), Faculty of Agriculture, Aleppo University, Aleppo, Syria.

- 1985-1999: Consultant Pathologist (Part timer) on lentil diseases, Germplasm Program, International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo, Syria.
- 1999-2006: Legume Pathologist (full time consultant), International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo, Syria.

TEACHING EXPERIENCES

At Aleppo University

The following Courses were taught:

- General Phytopathology	1974-1999
- Fundamental Mycology	1984-1999; 2006-present
- Diseases of Field Crops	1983-1999; 2006-present
- Diseases of Fruit and Vegetable Crops	1983-1999; 2006-present
- Advanced Plant Diseases (Diploma level)	1988-1999
- Epidemiology and Ecology of Plant Disease (Diploma level)	2006-present
- Integrated Pest Management (Diploma level)	2006-present
- General Microbiology	1974-1989.
- Scientific Writing/Translation	1987-1993.
- Plant Quarantine	2006-present
- Integrated Pest Management	2006-present
- Diseases of Horticultural and Forest Crops	2006-present
- Fundamental Mycology	2006-present

TRANSLATION EXPERIENCE

English to Arabic

- 2009: FAO. State of the World's Animal Genetic Resources for Food and Agriculture. <ftp://ftp.fao.org/docrep/fao/011/a1250a/a1250a.pdf>
- 2006-2009: FAO, IPPC, International Standards of Phytosanitary Measures. <https://www.ippc.int/index.php?id=13399&L=0>
- 2006-2009: FAO, IPPC, International Phytosanitary Portal (IPP) <https://www.ippc.int/index.php?id=1110589&L=3>
- 2002: FAO. The Desert Locust. FAO Publications, Rome, Italy. 183 pp. (Published recently). http://www.fao.org/world/Regional/RNE/Inform/FAOAND/PlantP/PlantP_ar.htm
- 2002: FAO. Locust Control by Pesticides. FAO Publications, Rome, Italy. 306 pp. (Published recently). http://www.fao.org/world/Regional/RNE/Inform/FAOAND/PlantP/PlantP_ar.htm
- 1994: ICARDA. Field Guide to Lentil Diseases and Insect Pests. ICARDA, Aleppo. 107 pp.
- 1994: FAO. Plant Quarantine: Theory and Practices. FAO Publications, Rome, Italy.
- 1992: ICRISAT/ICARDA. Field Diagnosis of Chickpea Diseases and Their Control. Information Bulletin no. 28. 52 pp.
- 1990: CABI, FAO, ASPP. Plant Pathologist's Pocket Book. Arab Society for Plant Protection Publication. Beirut, Lebanon, 600 pp.

CONSULTANCIES

- 1999-2006: Full time consultant on food and forage legume pathology. Germplasm Program, ICARDA.2000 till now: Consulting committee, ArabScientists.org website
- 1985-1999: Consultant pathologist on lentil diseases. Germplasm Program, ICARDA.
- 1992: Consultant for ICARDA to review dry land agriculture research in high elevation areas of north-western Iran.
- 1985: Consultant Pathologist to the Syrian Ministry of Agriculture on tomato yellow leaf curl virus in the coastal region of Syria.
- 1984: Consultant in plant protection for the Arab Organization for Agricultural Development in the integrated development project of Hajja district in the Yemen Arab Republic.
- 1984: Consultant to the Syrian Ministry of Agriculture on the importance of boron deficiency in sugarbeet in Syria.
- 1980: Consultant pathologist to the Syrian Ministry of Agriculture for olive wilts.

DESIGN, FORMULATION, BACKSTOPPING AND APPRAISAL OF PLANT PROTECTION PROJECTS

I served as a team member in many projects within and outside the region:

- Lentil and Lathyrus in the Cropping system of Nepal, ACIAR- Australia/ICARDA
- Coordinated Improvement Program for Australian Lentil (CIPAL), Victoria, Australia/ ICARDA
- Corporated Improvement of Chickpea in Australia-Northern Region Module-GRDC, Australia.
- Breeding Chickpea for Ascochyta Blight Resistance-Off-season evaluation of Ascochyta blight reaction in Chickpea. CDC, Saskatchewan, CANADA/ ICARDA.
- Development and Conservation of Plant Genetic Resources from the Central Asian Republics and Associated Regions. ACIAR, Australia/ ICARDA
- ACIAR Pulse Pathology and GRDC Post Doctoral Legume Pathologist
- Collaborative projects with many NARS also included on-farm evaluation of new lines for disease resistance, participation in networks activities and traveling workshops

MEMBERSHIP IN PROFESSIONAL COMMITTEES

- Member of the Editorial Board, Asian Academic Journal, 2005-present
- Member of the Evaluation Board, Tunisian Journal of Plant Pathology, 2002-present
- Editorial Board, Arab Journal of Plant Protection, Arab Society for Plant Protection, 2000-present
- Member of the Editorial Board, Phytopathologia Mediterranea, and The Mediterranean Phytopathological Union, 1999-present
- Member of the Editorial Board, Basel El-Assad Journal for Agricultural Science Engineering. Ministry of Higher Education, Damascus, Syria, 1994-2001.
- Editor-in-Chief, Arab Journal of Plant Protection, Arab Society for Plant Protection, 1989-to 2000
- Member of the Editorial Board, Arab and Near East Plant Protection Newsletter, Arab Society for Plant Protection, 1989-to present

SUPERVISION OF THESIS RESEARCH

- ✓ Over 50 graduation projects at Aleppo and Lebanese Universities, three PhD and six M.Sc. thesis projects were supervised
- ✓ Participated in more than 20 evaluation committees for PhD and M.Sc.

PUBLICATIONS

A) PAPERS IN REFEREED JOURNALS

19 papers were published in Arab Journal of Plant Protection

1. Abang, M., **B. Bayaa**, B. Abu-Irmaileh and A. Yahyaoui. 2007. A participatory farming systems approach for sustainable broomrape (*Orobanche* spp.) research and management in the Near East and North Africa. *Crop Protection* (on line): [Click Here](#).
2. Rahmoun, B., A.A. Niane, **B. Bayaa**, M. Hassan and Z. Bishaw. 2008. Effect of seed solarization on the control of seed-borne *Ascochyta rabiei* in chickpea seeds. *Arab Journal of Plant Protection*, 26: 32-37.
3. Rahmoun, B., A.A. Niane, **B. Bayaa**, M. Hassan, Z. Bishaw and S. Kabbabeh. 2008. Potential of seed dressing to minimize foliar sprays against *Ascochyta* blight in chickpea varieties with varying levels of tolerance. *Arab Journal of Plant Protection*, 26: 129-134.
4. Akem, C., M. Belar and **B. Bayaa**. 2006. Comparative growth and pathogenicity of geographical isolates of *Sclerotinia sclerotiorum* on lentil genotypes. *Plant Pathology Journal* 5 (1): 67-71.
5. Abdul-Hadi, Z., S. Asaad, **B. Bayaa**, K. Bahnasy, A. Fouad, S. Grando, H. Ketata, S. Kumari, R. Malhotra, M. Mosaad, S. Pande, A. Rafea, A. Rajab, A. Shata, G.V. Ranga Rao, A. Yahyaoui, M. Yehia and M. Said El-Zemaity. 2006. Rapid Generation of Plant Protection Expert Systems. Pages 282-287 in *Proceedings of the 4th World Congress on Computers in Agriculture and Natural Resources* (Fedro Zazueta, Jiannong Xin, Seishi Ninomiya and Gerhard Schiefer, eds.). Published by American Society of Agricultural and Biological Engineers, 2950 Niles Road, St. Joseph, Michigan 49085-9659, USA.
6. **Bayaa, B.** 2006. Integrated pest management of faba bean (*Vicia fabae*) in sustainable agriculture. Faba Bean Workshop, Cordoba, Spain, 23-25 October 2006 CORDOBA 22-27 OCTOBER 2006 (KEY NOTE)
7. Pande, S., K.H.M. Siddique, G.K. Kishore, **B. Bayaa**, P.M. Gaur, C.L.L. Gowda, T.W. Bretag and J.H. Crouch. 2005. *Ascochyta* blight of chickpea (*Cicer arietinum* L.): A review of biology, pathogenicity, and disease management. *Australian Journal of Agricultural Research* 56(4): 317-332.
8. **Bayaa, B.** and M. El-Bouhssini. 2005. Plant resistance, cultural practices, and biocontrol, important components in IPM program at ICARDA Proceedings of the first Symposium on Integrated Pest Management in the United Arab Emirates 1st Symposium on Integrated Pest Management in the United Arab Emirates. 22-23 May 2005, Al Ain (United Arab Emirates) p. 31-50. (Ar). The Department of Aridland Agriculture, College of Food Systems, Al-Ein (United Arab Emirates)
9. El-Hassan, S., S. Gowen and **B. Bayaa**. 2004. Antifungal activity of *Bacillus subtilis* filtrate to control *Fusarium oxysporum* f.sp. *lentis*, the causal organism of lentil vascular wilt. *IOBC wprs Bulletin* 27 (1): 53-58.
10. Amaraya, S., S. Kabbabeh and **B. Bayaa**. 2004. Evaluation of some seed dressing fungicides to control soil-borne fungi affecting chickpea and lentil. *Arab Journal of Plant Protection* 22(2): 136-141.
11. El-Ashkar, F., A. Sarker, W. Erskine, **B. Bayaa**, H. El-Hassan, N. Kadah and B.A. Karim. 2004. Registration of 'Idlib-3' lentil. *Crop Science* 44(6): 2261.
12. 15. El-Ashkar, F., A. Sarker, W. Erskine, **B. Bayaa**, H. El-Hassan, N. Kadah and B.A. Karim. 2004. Registration of 'Idlib-4' lentil. *Crop Science* 44(6): 2261-2262.
13. Sarker, A., **B. Bayaa**, H. El-Hassan, W. Erskine. 2004. .New sources of resistance for *Fusarium* wilt in lentil (*Lens culinaris* Medikus subsp. *culinaris*). *Journal of Lentil Research* 1:30-33.
14. **Bayaa, B.** and A. Yahyaoui. 2005. Keys to orobanche management. ICARDA: 8 p. (En).

15. **Bayaa, B.**, M. Pala, S. Khalil, N. El-Hosseini, A. Sarker, A. Haddad, M. Kharrat, W. Erskine and M.C. Saxena. 2003. Integrated management of *Orobanche* on food legumes. Expert Consultation Meeting. 6-9 April 2003, Rabat (Morocco) (En). ICARDA
16. El-Ashkar, F., A. Sarker, N. Haddad, **B. Bayaa**, H. El-Hassan and W. Erskine. 2003. Registration of 'Idlib-2' lentil. *Crop Science* 43(2): 728-729.
17. **Bayaa, B.** and S. Kabbabeh. 2000. First record in Syria of *Didymella fabae*, the Teleomorph of *Ascochyta fabae* and causal organism of faba bean blight. *Plant Disease* 84: 1140.
18. Kumari, S.G., K.M. Makkouk and **B. Bayaa**. 2001. Pea enation mosaic virus 1- infecting lentil in Syria, and further information on its host range, purification, serology and transmission characteristics. *Arab Journal of Plant Protection* 19(2): 65-72.
19. Al-Hussien, N., **B. Bayaa** and W. Erskine. 2002. Integrated management of lentil broomrape, 1. Sowing date and chemical treatments. *Arab Journal of Plant Protection* 20(2): 84-92.
20. Ahmed, S., C. Akem, **B. Bayaa** and W. Erskine. 2002. Integrating host resistance with planting date and fungicide seed treatment to manage *Fusarium* wilt and so increase lentil yields. *International Journal of Pest Management* 48(2): 121-125.
21. Sarker, A., **B. Bayaa** and W. Erskine. 2001. Registration of six lentil germplasm lines with resistance to vascular wilt. *Crop Science* 41(5): 1655. (En). Crop Science Society of America, Madison (USA).
22. Malhotra, R.S., M. Baum, S.M. Udupa and **B. Bayaa**. 2001. *Ascochyta* blight research in chickpea - present status and future prospects. North American Pulse Improvement Association Workshop. 28-30 Oct 2001, Fargo, North Dakota (USA). ICARDA
23. Khalil, S., M.A. El-Borai, A. Sarker, **B. Bayaa**, W. Erskine and R.S. Maharani. 2001. Controlling *Orobanche* in faba bean and lentil. Abstracts of Contributions of the Symposium of LEGUMED, Grain Legumes in the Mediterranean Agriculture (faba beans and other grain legumes in today Mediterranean agriculture: biotic constraints and integrated regional strategy) Grain Legumes in the Mediterranean Agriculture. 25-27 Oct 2001, Rabat, Morocco. p. 5-7. (En). IAV Hassan II, Rabat (Morocco) ICARDA.
24. Akem, C., R. Malhotra, **B. Bayaa**, M.N. Mouselli and S. Kababeh. 2000. Taking blight off chickpea. *ICARDA Caravan* 12 (June issue 2000): 18. (En).
25. **Bayaa, B.**, N. El-Hosseini and W. Erskine. 2000. Attractive but deadly. *ICARDA Caravan* 12 (June issue 2000): 16. (En).
26. Eujayl, I., W. Erskine, **B. Bayaa**, M. Baum and E. Pehu. 1998. *Fusarium* vascular wilt of lentil: Inheritance and identification of DNA markers for resistance. *Plant Breeding* 117: 497-499.
27. Makkouk, K.M., S. Kumari and **B. Bayaa**. 1999. First Report of Pea Enation Mosaic Virus Affecting Lentil (*Lens culinaris* Medik.) in Syria. *Plant Disease* 83(3):303.
28. Obaedo, H., O.F. Mamluk and **B. Bayaa**. 1999. Determination of primary sources of infection of *Septoria* leaf blotch on wheat in Syria. *Arab Journal of Plant Protection*, 17 (2): 49-59.
29. **Bayaa, B.**, S. Kumari, A. Akkaya, W. Erskine, K.M. Makkouk, Z. Türk and I. Ozberk, I. 1998. Survey of Major Biotic Stresses of Lentil in South Eastern Anatolia, Turkey. *Phytopathologia Mediterranea*, 37, 88-95.
30. **Bayaa, B.**, W. Erskine and M. Singh. 1997. Screening Lentil For Resistance to *Fusarium* Wilt: Methodology And Sources of Resistance. *Euphytica*, 98: 69-74.
31. El-Hassan, S., **B. Bayaa**, W. Erskine and C. Akem. 1997. Antagonistic Effects of *Bacillus* spp. Against the Causal Organism of lentil *Fusarium* wilt (*Fusarium oxysporum* f.sp. *lentis*). *Arab Journal of Plant Protection*, 15 (2): 65-73.
32. Akem, C., S. Kemal and **B. Bayaa**. 1997. Towards an integrated disease management of wilt/root rot of chickpea and lentil in WANA: the rationale. Second International Conference on Soil Solarization and Integrated Management of Soilborne Pests, Aleppo (Syria), 16-21 Mar 1997. P 35.

33. Erskine, W., **B. Bayaa** and M.C. Saxena. 1996. Registration of ILL 5588 lentil germplasm resistant to vascular wilt and Ascochyta blight. *Crop Science*. 36: 1080.
34. Erskine, W. and **B. Bayaa**. 1996. Yield loss, incidence and inoculum density associated with vascular wilt of lentil. *Phytopathologia mediterranea*, 35: 24-32.
35. **Bayaa, B.**, W. Erskine and A. Hamdi. 1995. Evaluation of a wild lentil collection for resistance to vascular wilt. *Genetic Resource and Crop Evolution*, 42: 231-235.
36. Abou-Zeid, N., W. Erskine and **B. Bayaa**. 1995. Preliminary screening of lentil for resistance to downy mildew. *Arab Journal of Plant Protection*, 13 (1): 17-19.
37. Erskine, W., **B. Bayaa** and A. Abbas. 1995. Relationship between electrophoretic patterns and the resistance to lentil vascular wilt in different lentil cultivars. *Aleppo University Research Journal*, 23: 9-34.
38. **Bayaa, B.**, W. Erskine and A. Hamdi. 1994. Response of wild lentil to *Ascochyta fabae* f.sp. *lentis* from Syria. *Genetic Resources and Crop Evolution*, 41: 61-65.
39. Kraft, J.M., M.P. Haware, R.M. Jimenez-Diaz, **B. Bayaa** and M. Harrabi. 1994. Screening techniques and sources of resistance to root rots and wilts in cool season food legumes. *Euphytica* (Netherlands), 73(1-2): 27-39.
40. **Bayaa, B.**, W. Erskine and A. Abbas. 1994. Evaluating different methods for screening lentil germplasm for resistance to lentil wilt caused by *Fusarium oxysporum* f.sp. *lentis*. *Arab Journal of Plant Protection*, 12 (2): 83-91.
41. Bellar, M. and **B. Bayaa**. 1993. Survey and identification of disease conditions which affect pine trees and seedlings in Northern Syria and their causal agents. *Arab Journal of Plant Protection* 11 (2): 58-65.
42. Beniwal, S.P.S., **B. Bayaa**, S. Weigand, K.M. Makkouk and M.C. Saxena. 1993. Field guide to lentil diseases and insect pest. ICARDA, 103 pp.
43. Khare, M.N., **B. Bayaa** and S.P.S. Beniwal. 1993. Selection methods for disease resistance in lentil. p. 107-121 in: *Breeding for stress tolerance in cool-season food legumes*, Singh, K.B. Saxena, M.C. (eds.)- Chichester (United Kingdom): John Wiley and Sons Ltd,.
44. Tahir, M., **B. Bayaa**, G.K. Walker and W.R. Anderson. 1992. A review of dryland agricultural research in high elevation of northwestern Iran: Achievements and suggestions for future. ICARDA. 33 pages.
45. Mamlouk, O.F., O. Tahhan, R. Miller, **B. Bayaa**, K.M. Makkouk and S. Hanounik. 1992. A checklist of cereal, food legumes and pasture and forage crop diseases and insects in Syria. *Arab Journal of Plant Protection* 10 (2): 166-225.
46. Kyriakopoulou, P.H., C.G. Panagopoulos and **B. Bayaa**. 1992. Eucalyptus in Greece. The trees are threatened by a serious infectious disease. *Georgia. Ktinotrophia*, 3 (5): 18-24 (in Greek with English summary).
47. Al-Daoudi, R., M. El-Ahmed, **B. Bayaa** and K. Makkouk. 1991. Incompatibility between rootstock and scion of grapevine in Syria is possibly caused by a virus. *Arab Journal of Plant Protection* 9 (1): 66-67.
48. Makkouk, K.M., W. Abou Gharbieh, **B. Bayaa**, S. Sharif and A.R. Saghir. 1991. Plant Protection research in the Arab countries. Present status and future perspective. *Arab Journal of Plant Protection* 9 (2): 68-79.
49. **Bayaa, B.O.** and W. Erskine. 1990. A screening technique for resistance to vascular wilt in lentils. *Arab Journal of Plant Protection* 8 (1): 30-33.
50. Erskine, W., **B.O. Bayaa** and M. Dhollu. 1990. The transmissibility of *Fusarium oxysporum* f.sp. *lentis* via seeds and the effect of some biotic and abiotic factors on its growth. *Arab Journal of Plant Protection* 8(1): 34-37.

51. Bos, L., K.M. Makkouk and **B. Bayaa**. 1990. Witches' broom and decline of Eucalyptus, a serious disease in Syria, likely caused by mycoplasma. Arab Journal of Plant Protection 8 (2): 133-135.
52. **Bayaa, B.** and W. Warrak. 1990. First record of tomato wilt and pith necrosis in Syria. 1-Disease symptoms, characterization of the causal organism and some conditions predisposing plant to infection. Arab Journal of Plant Protection, 8 (2): 88-95.
53. Ibrahime, J. and **B.O. Bayaa**. 1989. Fungal, bacterial and nematological problems of citrus, grapes and stone fruit trees in the Arab countries. Arab Journal of Plant Protection 7(2): 201-209.
54. **Bayaa, B.O.**, W. Erskine and L. Khoury. 1986. Survey of wilt damage on lentils in Northern Syria. Arab Journal of Plant Protection. 4: 118-119.

B) ORAL OR POSTER PRESENTATIONS IN SCIENTIFIC MEETINGS

1. Hassan, N., S. Murad, **B. Bayaa**, S. Asaad, S. Kabbabeh, M. Abang and M. Baum. 2009. Molecular detection of *Ascochyta rabiei* in infected chickpea seeds using its marker. 10th Arab Congress of Plant Protection, Beirut, 26-30/10/2009, Abstract F23
2. Si Moussa, L., L. Belabid, A. Tadjeddine, M. Bellahcene and **B. Bayaa**. 2009. Effect of some plant extracts on the population of *Fusarium oxysporum* f.s.p. *lentis*, the causal organism of lentil wilt. 10th Arab Congress of Plant Protection, Beirut, 26-30/10/2009, Abstract F29
3. Rahmoun, B., A.A. Niane, **B. Bayaa**, M. Hassan and Z. Bishaw. 2009. Combined effects of fungicidal seed treatment and storage on seed germination and seed vigor in chickpea. 10th Arab Congress of Plant Protection, Beirut, 26-30/10/2009, Abstract F46
4. Al-Rahmoun, B., A. Nian, **B. Bayaa**, M. Hassan, Z. Bishaw and S. Kabbabeh. 2006. Potential of seed dressing to Minimize foliar sprays against *Ascochyta* blight in chickpea varieties with varying levels of tolerance. 9th Arab Congress of Plant Protection, 19-24 November, Damascus –Syria
5. **Bayaa, B.**, M.M. Abang, S. Kabbabeh and S. Murad. 2006. Refined methodology for efficient screening of chickpea for resistance to *Ascochyta* blight. 9th Arab Congress of Plant Protection., 19-24 November, Damascus –Syria
6. Abdel-Momen, S., I. Al-Mohamed and **B. Bayaa**. 2006. Genetic variability among some Egyptian and Syrian isolates of *Fusarium oxysporum* f. sp. *ciceris*. 9th Arab Congress of Plant Protection, 19-24 November, Damascus –Syria
7. Khabbaz, S.E., D. Ladhakshmi , V. Valluvaparidasan, **B. Bayaa** and A. EL–Ahmed. 2006. Plant Growth Promoting Rhizobacteria (PGPR) for the management of cotton *Fusarium* wilt and bacterial leaf streak of wheat under in vitro conditions at Syria 9th Arab Congress of Plant Protection, 19-24 November, Damascus –Syria
8. **Bayaa, B.**, A. Sarker, M.M. Abang, B. Furman, S. Murad, S. Kabbabeh, H. El-Hassan and A. Ismail. 2006. Preliminary evaluation of resistance to lentil vascular wilt in large-seeded lentil. 9th Arab Congress of Plant Protection, 19-24 November, Damascus –Syria
9. **Bayaa, B.**, Sbeih, A., M. Hassan, M. Kabakebji, S. Murad, M.M. Abang, S. Kabbabeh and W. Ibrahim. 2006. Pathogenic variability in Syrian populations of *Ascochyta fabae* Speg. and identification of sources of resistance within Syrian landraces. 9th Arab Congress of Plant Protection, 19-24 November, Damascus -Syria
10. Khalil, S., **B. Bayaa**, M. Singh, R. Malhotra and S. Rajaram. 2006. Performance of yield and yield components of ten faba bean (*Vicia faba* L.) crosses under heavy infection with *Ascochyta* blight (*Ascochyta fabae* Speg.) disease. International Workshop on faba bean breeding and agronomy: Córdoba (Spain), 25-27 October, 2006, Ávila, C.M.Cubero, J.I.Moreno, M.T.Suso, M.J.Torres, A.M.-Sevilla (España): IFAPA, 2006. 49-51.
11. Malhotra, R.S., B. Bayaa, T. Warkentin and E.J. Knights. 2005. Breeding chickpeas for resistance to *Ascochyta* blight and *Fusarium* wilt. ASA Annual Meetings. 6-10 Nov 2005, Salt Lake City, Utah (USA)

12. Sarker, A., **B. Bayaa** and W. Erskine. 2005. Combating lentil diseases through host plant resistance. Abstract Proceedings of the International Edible Legume Conference International Edible Legume Conference. 24-28 April 2005, Durban (South Africa) p. 10. (En).
13. **Bayaa, B.** and S. Kabbabeh. 2005. Fungicide timing affects control of chickpea *Ascochyta* blight (*Ascochyta rabiei*) in Syria. 15th Biennial Australasian Plant Pathology Society Conference Handbook "Innovation for sustainable plant health" 15th Biennial Australasian Plant Pathology Society Conference. 26-29 Sept 2005, Geelong, Victoria (Australia) p. 331. (En).
14. **Bayaa, B.**, M. Kabakebji, S. Khalil, B. Furman and S. Kabbabeh. 2005. New faba bean (*Vicia faba* L.) lines with combined resistance to *Ascochyta fabae* Speg. and *Botrytis fabae* Sard. Food Legumes for Nutritional Security and Sustainable Agriculture - Abstracts 4th International Food Legumes Research Conference. 18-22 Oct 2005, New Delhi (India) p. 78. (En). Kharkwal, M.C. (ed.). Indian Society of Genetics and Plant Breeding, New Delhi (India).
15. Sarker, A., **B. Bayaa**, S.K. Mishra and W. Erskine. 2004. Breeding for disease resistance in lentil. American Society of Agronomy Annual Meeting: Abstract, Proceedings American Society of Agronomy Annual Meeting. 2004, Seattle (USA) p. 297. (En).
16. Sarker, A., **B. Bayaa**, S.K. Mishra, T. Bretag and W. Erskine. 2004. Sources of resistance: Key to combat lentil diseases. Conference Handbook 5th European Conference of Grain Legumes 2nd International Conference on Legume Genomics and Genetics. 7-11 June 2004, Dijon (France) p. 91, 345. (En). European Association for Grain Legumes Research (AEP) Paris (France).
17. Malhotra, R.S., **B. Bayaa**, M. Baum and S.M. Udupa. 2004. Breeding chickpea for *Ascochyta* blight resistance. Conference Handbook 5th European Conference of Grain Legumes 2nd International Conference on Legume Genomics and Genetics. 7-11 June 2004, Dijon (France) p. 143. (En). European Association for Grain Legumes Research (AEP) Paris (France).
18. Bayaa, B., J.A.G. van Leur, J. Paull, S. Khalil, M. Kabakebji and S. Kabbabeh. 2004. New faba bean lines with combined resistance to *Ascochyta fabae* Speg., and *Botrytis fabae* Sard. 5th European Conference on Grain Legumes: Conference Handbook 5th European Conference of Grain Legumes 2nd International Conference on Legume Genomics and Genetics. 7-11 June 2004, Dijon (France) p. 324. (En). European Association for Grain Legumes Research (AEP) Paris (France).
19. Bayaa, B., M. Kabakebji, S. Khalil and K. Street. 2004. Pathogenicity of Syrian isolates of *Ascochyta fabae* Speg., and *Botrytis fabae* Sard., and sources of resistance to both pathogens in a germplasm collection from central Asia and Caucasia.. 5th European Conference on Grain Legumes: Conference Handbook 5th European Conference of Grain Legumes 2nd International Conference on Legume Genomics and Genetics. 7-11 June 2004, Dijon (France) p. 308. (En). European Association for Grain Legumes Research (AEP) Paris (France).
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