

C.V.

First: Basic Data

1-Curriculum Vitae

Name:	AHMED MEDHAT MOHAMED AL-NAGGAR				
Nationality:	Egyptian	Birth date:	7 / 2 / 1945	Birth place:	Dakahlia, Egypt
Present Address:					
Tel.:	Home:	+202– 33300955	Work:	+202– 35699524	Mobile: +202– 01114331446
E-mail:	medhatalnaggar@agr.cu.edu.eg		Home page:		
Department:		Major:		Minor:	
Present position::	Professor of Plant Breeding, Agronomy Department, Faculty of Agriculture, Cairo University.				

2- Academic Qualifications:

<i>Scientific Degree</i>	<i>Date</i>	<i>Faculty/university</i>
B. Sc.	1964	Agriculture - Cairo University, Egypt
Diploma		
M. Sc.	1970	Agriculture - Cairo University, Egypt.
Ph. D	1978	Institute of Genetics and Plant Breeding, Agric. Academy, Sofia, Bulgaria.

3- Career Development

<i>Job</i>	<i>Date</i>
Professor	1992- Till Present
Associate Professor	1987-1992
Lecturer	1978- 1987
Teaching Assistant	1972- 1978
Demonstrator	1964-1972

4- Membership of Scientific Societies

<i>Association</i>	<i>Membership date</i>	<i>Country</i>
Egyptian Society of Plant Breeding.	1996	Faculty of Agriculture - Cairo University, Egypt
Egyptian Society of Genetics.	1985	Faculty of Agriculture - Cairo University, Egypt
Egyptian Society of Crop Science	1985	Faculty of Agriculture - Cairo University, Egypt
International Plant Biotechnology Net (IPBNet)	1987	USA

5- Membership of Scientific Committees

<i>Committee</i>	<i>Membership date</i>	<i>Country</i>
Member of the Scientific Committees for Promotion of Professors and Associate Professors of Agronomy Locally and Abroad.	Different years	Different University - Egypt
Member and Chief of Approval Committees of M.Sc. and Ph.D. Theses	Different years	Different University - Egypt
Chief of Supervision Committees of M.Sc. and Ph.D Theses	Different years	Faculty of Agriculture - Cairo University

6- Academic & Non-academic positions

<i>Position</i>	<i>Period</i>

7- Oversea Missions (Scientific, leave, visiting, Prof.)



Mission type	Mission	Country/Faculty/ University	Period
grant	Grant from Fulbright Commission, USA	Fort Collins, Colorado, USA	1987 - 1988
International Conference	International Conference on Biotechnology	Damascus Univ. , Syria	2001
International Seminar	Introduction of Transgenic Plants in Agriculture : Evaluation and Decision – Making Criteria	Zaragoza, Spain	1999
International Conference	International Conference on Biotechnology	Natiagali, Pakistan	1988
International Training Course	International Training Course on Genetics and Cell Engineering USSR, organized by ICRO, UNESCO	Riga, Latvia	1990
International Training Course	International Training Course on Plant Cell Culture and Biotechnology organized by UNESCO	Shanghai, China	1992

8- Prizes:

Prize	Donating Institute	Date
The State Encouragement Prize in Agricultural Science	Academy of Scientific Research and Technology, Ministry of Scientific Research, Egypt	2002
The Prize of Scientific Excellence in the field of Multidiscipline and Future Sciences	Cairo University	2007

Second: Teaching and Supervision:

1- Teaching

Faculty	Course	Department	Code
Faculty of Agric. - Cairo Univ.	Improvement of Cross-Fertilized Crops	Agronomy	614 AGR
Faculty of Agric. - Cairo University	Improvement of Self-Fertilized Crops	Agronomy	651 AGR
Faculty of Agric. - Cairo Univ.	Breeding Crops for Resistance to Biotic Stresses	Agronomy	655 AGR
Faculty of Agric. - Cairo Univ.	Breeding Crops for Resistance to Abiotic Stresses	Agronomy	616 AGR
Faculty of Agric. - Cairo Univ.	Improvement of Major Crops	Agronomy	617 AGR
Faculty of Agric. - Cairo Univ.	Non-Conventional Methods for Crop Improvement	Agronomy	657 AGR
Faculty of Agric. - Cairo Univ.	Breeding Criteria for Crop Improvement	Agronomy	658 AGR
Faculty of Agric. - Cairo Univ.	Breeding Principles of Field and Horticultural Crops	Agronomy	320 AGR
Faculty of Agric. - Cairo Univ.	Technology of Seed Production	Agronomy	405 AGR
Faculty of Agric. - Cairo Univ.	Principles of Crop Breeding	Agronomy	405 AGR

2- Theses Supervision:

A- Completed

	Number
M. Sc.	20
Ph. D.	20

B- Going On:

	Number
M. Sc.	3
Ph. D.	5

Third: Professional, Scientific & Practical Experiences:

1- Conferences:

Conferences	Location	Type of Participation (Paper/attendant)	Period
International Conference:			
International Conference	International Conference on Biotechnology, Damascus Uni. , Syria	Paper	2001
International Seminar	Introduction of Transgenic Plants in Agriculture : Evaluation and Decision – Making Criteria, Zaragoza, Spain	attendant	1999
International Conference	International Conference on Biotechnology, Natiagali, Pakistan	Speaker	1988
International Training Course	International Training Course on Plant Cell Culture and Biotechnology Shanghai, China	attendant	1992
International Training Course	International Training Course on Genetics and Cell Engineering. Riga, Latvia	attendant	1990
Grant	Grant from Fulbright Commission, USA	attendant	1987 - 1988
Local Conference:			
Scientific Conferences in Plant Breeding	Egyptian Society of Plant Breeding	Paper/attendant	Since initiation - till now
Scientific Conferences in Plant Agronomy	Egyptian Society of Crop Science	Paper/attendant	Since 1985- till now
Scientific Conferences ACGSSR – Cairo Univ.	ACGSSR – Cairo Univ.	Paper/attendant	Since 1990- till now
Scientific Conferences Faculty of Agriculture - Cairo Univ.	Faculty of Agriculture - Cairo Univ.	Paper/attendant	Since 1985- till now
Scientific Conferences in Genetics	Egyptian Society of Genetics	Paper/attendant	Since 1985- till now

2- Research Projects:

Project	Donating Institute	Type of Participation (Member/PI)	Period

3- Seminars:

Seminars	Organizing Inst. And Location Venue	Type of Participation (Speaker/attendant)	Period
Workshops in Plant Breeding	Egyptian Society of Plant Breeding - Fac. - Agric. Cairo Univ. and different Universities	Speaker/attendant	Since initiation - till now
Workshops in Agronomy	Egyptian Society of Crop Science - Fac. - Agric. Cairo Univ. and different Universities	Speaker/attendant	Since 1985- till now
Workshops of ACGSSR – Cairo Univ.	ACGSSR – Cairo Univ.	Speaker/attendant	Since 1990- till now
Workshops of Faculty of Agriculture - Cairo Univ.	Faculty of Agriculture - Cairo Univ.	Speaker/attendant	Since 1985- till now
Workshops in Genetics	Egyptian Society of Genetics - Fac. - Agric. Cairo Univ. and different Universities	Speaker/attendant	Since 1985- till now

4- Training Courses:

Programme	Organizing Inst. And Location Venue	Type of Participation (Trainer/Trainee)	Period
Training Agricultural Education Teachers	Ministry of Education, Cairo Univ.	Trainer	3 Period
Training African Agric. Engineers	Ministry of Exterior Affairs, Cairo Univ.	Trainer	2 Period
Training Mongolian Agric. Engineers	Ministry of Exterior Affairs, Cairo Univ.	Trainer	1 Period
Training Arab Agric. Engineers	ACGSSR – Cairo Univ.	Trainer	3 Period
Training Teaching Staff of Arab Universities	ACGSSR – Cairo Univ.	Trainer	2 Period
Training Res. Staff of Arab Atomic Energy Authorities	Egyptian Atomic Energy Authority	Trainer	1Period

5- Scientific Consultations:

Mission	Institution	Type of Participation (Member/PI)	Period
Peer Reviewer of STDF	Acad. Scientific Res. & Tech.	Reviewer	2011
Managing Director of Arab J. of Biotechnology	ACGSSR – Cairo Univ.	Managing Director	2008-2013
Member of Editing Board of Egypt. J. of Plant Breeding	Egyptian Society of Plant Breeding	Reviewer	1997-2013

6- Feasibility Studies:

Title	Institution	Type of Participation (Member/PI)	Period

7- Technical Reports:

Title	Institution	Type of Participation (Member/PI)	Period
Promotion of Prof. and Assoc. Prof. of Agronomy	Local & Aboard	Member	Last 20 Years
Reviewing M.Sc. and Ph.D. Theses	Egypt - Universities	Member/PI	Last 20 Years
Reviewing Scientific Paper for Local and Foreign Journals	Local & Aboard	Member	Last 20 Years

8- Publications:

Book/ Notes	Title	Publisher	Date
Book	Improvement of Cross-Fertilized Crops	Fac. - Agric. - Cairo Univ.	1990
Book	Breeding Crops for Pest Resistance	Fac. - Agric. - Cairo Univ.	1991
Book	Maize Breeding	Fac. - Agric. - Cairo Univ.	1998
Book	Principles of Plant Breeding	Open Learning - Cairo Univ.	2003
Notes	Practical Notes in Crop Improvement	Fac. - Agric. - Cairo Univ.	1979

List of Publications:

كتابة البحث بنفس الترتيب وأسم صاحب البحث يكون بولد

1. Sayed Galal Jr.; L. H. Hindi; M.S. Radwan and **A. M. M. Al-Naggar (1977)**. The performance of 4 generations of a composite of maize varietal crosses and its response to modified mass selection. Zeitschrift fur pflanzenzuchtung. 78: 238 – 243.
2. **Al-Naggar, A. M. M.** and D. A. El Kadi (1978). Testing the yield of single maize hybrids including Bulgarian and Egyptian lines on normal, T – and S-type of cytoplasm under conditions of Bulgaria and Egypt. Genetics and Plant Breeding. Vol. 11 (No. 4) : 234 – 241. Sofia, Bulagaria.
3. **Al-Naggar, A. M. M. (1987)**. A path coefficient analysis of some yield components interrelations in grain sorghum (*Sorghum bicolor* L. Moench). Proc. of 12th Int . Cong. for Sta., Comp. Sci. Soc. and Demog. Res., Cairo, Egypt: 281 – 304.
4. **Al-Naggar, A. M. M. (1987)**. Correlation between tassel and ear characters and yield in mazie inbreds and hybrids. Proc. of 12th Int. Cong. for Stat., Comp. Sci., Soc. and Demog. Res., Cairo, Egypt: 149 – 162.
5. **Al-Naggar, A. M. M. (1987)**. Heterosis and combining ability of tassel traits and yield components in maize (*Zea mays* L.) . Proc. of 12th Int. Cong. for Sta. Comp. Sci. Soc. and Demog .Res.: 185-204.
6. **Al- Naggar, A. M. M. (1987)**. Genotypic stability of grain yield of maize (*Zea mays* L.) genotypes. Moshtohor Ann. of Agric. Sci. Vol. 25 (1): 101- 112.
7. **Al- Naggar, A. M. M.** and M. A. El-Hity (1987). Correlations and path coefficient analysis between yield and related characters in a group of yellow – grained three-way crosses of maize (*Zea mays* L.). Proc. of 12th Int. Cong. for Sta.Comp.Sci. Soc.and Demog. Res. Cairo, Egypt : 319-337.
8. **Al- Naggar, A. M. M.** and M. A. El-Hity (1987) . Heterosis and genetic parameters for agronomic and yield traits in top crosses between a constant single cross parent and diverse white inbred lines

of maize (*Zea mays* L.). Moshtohor Ann. of Agric. Sci. Vol 25(1) : 113-119.

9. El-Hity, M. A. and **A. M. M. Al-Naggar (1987)**. Path coefficient analysis of grain yield in maize (*Zea mays* L.). Proc. of 12th Int. Cong. for Sta., Comp. Sci. Soc. and Demog. Res Cairo, Egypt: 305-318.
10. El-Hity, M. A. and **A. M. M. Al-Naggar (1987)**. Heterotic evaluation and genetic parameters of three- way crosses between local tester and exotic yellow inbred lines of maize (*Zea mays* L.). Proc. of 12th Int. Cong. for Sta., Comp. Sci. Soc. and Demog. Res., Cairo, Egypt: 163-184.
11. **Al- Naggar, A. M. M. (1989)**. Selection for drought tolerance in wheat tissue culture. Proc. of 14th Int. Conf for Stat., Comp. Sci. Soc. and Demog. Res., Cairo 25-30 March, 1989: 1-18.
12. **Al- Naggar, A. M. M. (1989)**. Tissue culture selection methods for increased salinity tolerance in wheat (*Triticum aestivum* L.). Proc. of 14th Int. Conf. for Stat., Comp. and Demog. Res., Cairo: 25-30 March 1989 : 21-39.
13. **Al- Naggar, A. M. M.;** M. Abu Hegaza and M. M. Salem (1989). Induced variation in some economic characters of safflower after seed irradiation. Sesame and Safflower Newsletter. Issue No. 4 :65-83.
14. Radwan, M. S.; **A. M. M. Al-Naggar;** A. A. Abdel Hafeez.; D. S. Darwish and A. M. Soliman (1989). Analysis of general and specific combining ability in F₁ and F₂ diallel crosses among a group of sudangrass (*Sorghum sudanense* (Piper) stapf) genotypes. Annals of Agric. Sci., Moshtohor. Vol. 27 (2) : 789 – 800 .
15. Radwan, M. S.; D. S. Darwish; A. A. Abdel Hafeez; **A. M. M. Al-Naggar** and A.M. Soliman (1989). Heterosis, inbreeding depression and reciprocal effects in sudangrass (*Sorghum sudanense* (Piper) stapf) varietal hybrids. Annals of Agric. Sci. Moshtohor. Vol. 27 (2) : 773 – 787.
16. **Al-Naggar, A. M.;** M. A. El-Lakany and A. A. Mahmoud (1990). Diallel analysis of new locally-developed inbred lines of maize (*Zea mays* L.). African Journal of Agricultural Science. Vol. 17 (No. 1 +2) : 97 – 110.
17. **Al-Naggar, A. M.;** M. A. El-Lakany and A. A. Mahmoud (1990). Predicted vs actual performance of maize double cross hybrids. Annals of Agric. Sci. Assiut. Vol. 21 : 275 – 289.
18. **Al-Naggar, A. M.;** R. Shabana and A. A. I. Gabr (1990). Gridded mass selection for reduced ear height in the new synthetic maize cultivar (Cairo –1) .African Journal of Agricultural Science, Vol. 17 (No. 1 +2) : 81 – 95 .
19. **Al-Naggar, A. M.** and Sawsan S. Youssef (1990). Effect of genotypes, spike pre-treatments, media and microspore development stages on the efficiency of wheat anther culture. Proc. 4th Conf. Agron. Cairo, 15-16 Sept. Voll II : 741 – 748.
20. **Al-Naggar, A. M. M. (1991)**. Somaclonal variation of wheat plants derived from tissue cultures of four genotypes. Bull . Fac. of Agric., Univ. of Cairo, Vol. 42 (2) : 433 – 450.
21. **Al-Naggar, A. M. M. (1991)**. Divergent mass selection for prolificacy, ear length and plant

- density tolerance in maize and stability of resulting populations. Bull. Fac. of Agric., Univ. of Cairo , Vol. 42 (2) : 451 – 466.
22. **Al-Naggar, A. M. M. (1991).** Evaluation of direct and correlated responses to stratified mass selection for reduced ear height in maize under two plant densities. Bull. Fac. of Agric., Univ. of Cairo, Vol. 42 (2) : 467 – 478.
23. **Al-Naggar, A. M. M. (1991).** Stability and epistasis of yield components in maize genotypes. Bull. Fac. of Agric., Univ. of Cairo, Vol. 42 (3) : 275 – 289.
24. **Al-Naggar, A. M.;** H. Y. El-Sherbieny and A. A. Mahmoud (1997). Effectiveness of inbreds, single crosses and populations as testers for combining ability in maize. Egypt. J. Plant Breed. 1 : 35 – 46.
25. **Al-Naggar, A. M.;** R. Shabana and A. I. Gabr (1997). Inheritance of resistance to sorghum downy mildew disease caused by *Peronosclerospora sorghi* in maize . Egypt. J. Plant Breed. 1 : 47 – 60 .
26. **Al-Naggar, A. M.;** R. Shabana and A. I. Gabr (1997). Genotypic differences for nutritional and baking characteristics of maize when mixed with wheat. Egypt. J. Plant Breed. 1 : 61 – 72.
27. **Al-Naggar, A. M.;** O. A. El-Kadi; A. Mchughen; D. S. Darwish and M. A. Koronfel (1998). *In vitro* direct regeneration of Egyptian and Canadian flax (*Linum usitatissimum* L.). Egypt. J. Plant Breed. 2 : 1 – 9 .
28. **Al-Naggar, A. M.;** A. Mchughen; D. S. Darwish; D. A. El-Kadi and M. A. Koronfel (1998). Agrobacterium – mediated genetic transformation of Egyptian and Canadian flax. Egypt. J. Plant Breed. 2 : 11 – 26.
29. **Al-Naggar, A. M.;** D. S. Darwish; A. Mchughen; D. A. El-Kadi and M. A. Koronfel (1998). Transformation of ALS gene conferring sulfonylurea herbicides to Egyptian and Canadian flax. Egypt. J. Plant Breed. 2 : 27 – 33.
30. **Al-Naggar, A. M.;** A. I. Ragab; E. O. Abu Steit and M. R. I. Al-Bakry (1999). Type II callus initiation and effects of gamma radiation and polyethylene glycol- induced water stress on callus growth and plant regeneration of some maize genotypes. Proc. of Conf. on “ Strategy for Safe Agricultural Production in Arab Countries “ , held by Arab Council for Post-graduate studies and Scientific Research, on 27th - 29th of October, 1999 at Cairo Univ., Giza, Egypt, Pp. 198 – 217.
31. **Al-Naggar, A. M.;** M. K. El-Bahr; S. A. Ghanem and S. A. M. Eid (1999). Callus induction and plant regeneration in five Egyptian bread wheat cultivars. Proc. of Conf. on “ Strategy for Safe Agricultural Production in Arab Countries” , held by Arab Council for Post-graduate Studies and Scientific Research, 27th - 29th of October, 1999 at Cairo Univ., Giza, Egypt, Pp. 166 – 181.
32. **Al-Naggar, A. M.;** M. K. El-Bahr; E. O. Abu Steit and S. A. M. Eid (1999). *In Vitro* selection for NaCl tolerance and characterization of salt stress effects in two Egyptian wheat cultivars. Proc. of Conf. on “ Strategy for Safe Agricultural Production in Arab Countries, held by Arab Council for Post-graduate Studies and Scientific Research, 27th - 29th of October, 1999 at Cairo Univ., Giza, Egypt, Pp. 182 – 197.

33. **Al-Naggar, A. M.;** M. A. El-Lakany; O. O. El-Nagouly; E. O. Abu-Steit and M. H. El-Bakry (1999). Studies on breeding for drought tolerance at Pre- and post – flowering stages in grain sorghum (*Sorghum bicolor* L. Moench). Proc. First Pl. Breed. Conf. December 4 , 1999 (Giza), Egypt. J. Plant Breed. 3 : 183- 212 .
34. **Al-Naggar, A. M.;** A. A. El-Ganayni; M. A. El-Lakany; H. Y. El-Sherbeiny; E. F. El-Metwally and M. S. Soliman (2000). Successful artificial rearing technique of the pink stem borer *Sesamia cretica* Led. as a new screening tool for maize breeders. Egypt. J. Plant Breed. Vol. 4 : 1 – 11 .
35. **Al-Naggar, A. M.;** A. A. El-Ganayni; M. A. El-Lakany; H. Y. El-Sherbeiny and M. S. Soliman (2000). Mode of inheritance of maize resistance to the pink stem borer *Sesamia cretica* Led. Under artificial infestation. Egypt. J. Plant Breed. Vol. 4 : 13 – 35.
36. **Al-Naggar, A. M.;** A. A. El- Ganayni; M. A. El-Lakany; H. Y. EL-Sherbeiny and M.S. Soliman (2000). Effectiveness of natural infestation in estimating genetic parameters conditioning the inheritance of maize resistance to *Sesamia cretica* Led. Egypt. J. Plant Breed. Vol. 4 : 37 – 53 .
37. **Al-Naggar, A. M.;** A. A. El-Ganayni; M. A. El-Lakany; H. Y. EL- Sherbeiny and M. S. Soliman (2000). Combining ability and associations of some maize traits with relation to resistance to *Sesamia cretica* Led. Egypt. J. Plant Breed. Vol. 4 : 55 – 70 .
38. **Al-Naggar, A. M.;** A. A. El- Ganayni; H. Y. El-Sherbeiny and M. Y. El-Sayed (2000). Direct and indirect selection under some drought stress environments in cron (*Zea mays* L.). J. Agric. Sci. Mansoura Univ., 25 (1) : 699 – 712 .
39. **El-Ganayni, A. A.;** A. M. Al-Naggar; H. Y. El-Sherbeiny and M. Y. El-Sayed (2000). Genotypic differences among 18 maize populations in drought tolerance at different growth stages. J. Agric. Sci. Mansoura Univ., 25 (2) : 713 – 727 .
40. **Al- Naggar, A. M.;** O. O. El-Nagouly and Zeinab S. H. Abo-Zaid (2002). Genotypic differences in leaf free amino acids as osmoprotectants against drought stress in grain sorghum. Egypt. J. Plant Breed. 6 (1): 85 – 98.
41. **Al- Naggar, A. M.;** O. O. El-Nagouly and Zeinab S. H. Abo-Zaid (2002). Genetic behaviour of the compatible osmolytes free amino acids that contribute to drought tolerance in grain sorghum. Egypt. J. Plant Breed. 6 (1) : 99 – 109 .
42. **Al- Naggar, A. M.;** O. O. El-Nagouly and Zeinab S. H. Abo-Zaid (2002). Differential responses of grain sorghum genotypes to water stress at different growth stages. Egypt. J. Plant Breed. 6 (1) : 111 – 124 .
43. **Al- Naggar, A. M.,** O. O. El-Nagouly and Zeinab S. H. Abo-Zaid (2002). Genetics of some grain sorghum traits under different water stress conditions. Egypt. J. Plant Breed. 6 (1) : 125 – 141 .
44. **Al- Naggar, A. M.;** M. S. Radwan and M. M. M. Atta (2002). Genetic parameters of drought tolerance in maize S_1 's and their testcrosses. Egypt. J. Plant Breed. 6 (1) : 161 – 177.
45. **Al- Naggar, A. M.;** M. S. Radwan and M. M. M. Atta (2002). Analysis of diallel crosses among maize populations differing in drought tolerance. Egypt. J. Plant Breed. 6 (1) : 179 – 198.

46. **Al-Naggar, A. M.;** O. O. El-Nagouly and Zeinab S. H. Abo-Zaid (2002). Inheritance of some physiological traits important for drought tolerance of grain sorghum. Egypt. J. Plant Breed. 6 (1) : 199 – 220 .
47. **Al-Naggar, A. M.;** M. A. El-Lakany; H. Y. El-Sherbeiny and A. M. M. Abd El-Aal (2002). Inheritance of leaf biochemical traits and resistance to sorghum downy mildew disease in maize. Egypt. J. Plant Breed. 6 (2): 101 – 120.
48. El- Lakany M. A.; **A. M. M. Al-Naggar;** H. Y. El-Sherbeiny and A. M. M. Abd El-Aal (2002). Gene effects for resistance to downy mildew (*Peronosclerospora sorghi*) in maize. Egypt J. Plant Breed. 6 (2) : 133 – 147 .
49. **Al-Naggar, A. M.;** R. Shabana; H. Y. El-Sherbeiny and A. A. El-Kheshin (2002). Genetics of resistance to leaf blight (*Helminthosporium turcicum*) disease in maize. Egypt J. Plant breed. 6 (2) : 175 – 190 .
50. **Al-Naggar, A. M.;** R. Shabana; S. E. Sadek and S. A. M. Shaboon (2004). S₁ recurrent selection for drought tolerance in maize. Egypt. J. Plant Breed. 8 : 201 – 225.
51. **Al-Naggar, A. M.;** Sawsan S. Youssef; A. E. I. Ragab and M. R. Al- Bakry (2004). RAPD assessment of new drought tolerant variants derived *via* irradiation and hybridization of some Egyptian wheat cultivars. Egypt. J. Plant Breed. 8: 255 – 271.
52. **Al-Naggar, A.M.;** Sawsan S. Youssef; A. E. I. Ragab and M. R. Al- Bakry (2004). Regeneration from Egyptian wheat calli subjected to PEG – induced stress conditions. Egypt. J. Plant Breed. 8 : 273 – 286.
53. **Al-Naggar, A. M.;** A. E. I. Ragab; Sawsan S. Youssef and M. R. Al- Bakry (2004). Performance and genetic nature of anther culture response traits for some Egyptian wheat cultivars and their F₁ crosses. Egypt. J. Plant Breed. 8 : 287 – 298.
54. **Al-Naggar, A. M.;** A. E. I. Ragab; Sawsan S. Youssef and M. R. Al- Bakry (2004). New genetic variation in drought tolerance induced *via* irradiation and hybridization of Egyptian cultivars of bread wheat. Egypt. J. Plant Breed. 8 : 353 – 370.
55. **Al-Naggar, A. M.;** R. Shabana; E. E. A. R. Mohamed and Zainab A. A. El-Rashidy (2006). Inheritance of resistance to greenbug (*Schizaphis graminum*) and bird cherry – oat aphid (*Rhopalosiphum padi*) in wheat crosses. Egypt. J. Plant Breed. 10 (1): 175 – 191.
56. **Al-Naggar, A. M.;** R. Shabana; H. Y. El-Sherbeiny; and A. A. El- Khishen (2006). Daillel analysis of resistance to the pink stem borer (*Sesamia cretica*) in maize under artificial infestation. Egypt. J. Plant Breed. 10 (1): 319 – 334.
57. **Al- Naggar, A. M.;** D. A. El-Kadi and Zeinab S. A. Abo–Zaid (2006). Genetic parameters of grain sorghum traits contributing to low – N tolerance. Egypt. J. Plant Breed. 10 (2) :79-102.
58. **Al-Naggar, A. M.;** R. Shabana; H. Y. El-Sherbeiny; and A. A. El- Khishen (2006). Identification

- of molecular markers associated with maize resistance to *Sesamia cretica*. Egypt. J. Plant Breed. 10 (2): 147-156.
59. **Al-Naggar, A. M.;** R. Shabana; H. Y. El-Sherbeiny; and A. A. El- Khishen (2006). Role of epistasis in maize resistance to *Sasamia cretica*. Egypt. J. Plant Breed. 10 (2): 157-166.
60. El- Kadi, D. A.; **A. M. Al-Naggar;** **A. M.** Abdel-Hakim and M. E. Shalaby (2007). Plot size, replications and design in maize experiments under drought conditions. Egypt. J. Plant Breed. 11 (2): 487-506.
61. **Al- Naggar, A. M.;** M. M. Atta; A. M. Shaheen and K. F. EL-Azab (2007). Gamma rays and EMS induced drought tolerant mutants in bread wheat. Egypt. J. Plant Breed. 11 (3): 135-165.
62. **Al- Naggar, A. M.;** D. A. El-Kadi and Zeinab S. A. Abo-Zaid (2007) . Inheritance of nitrogen use efficiency traits in grain sorghum under low-and high-N. Egypt. J. Plant Breed. 11 (3): 181-206.
63. **Al- Naggar, A. M.;** D. A. El-Kadi and Zeinab S. A. Abo-Zaid (2007).Genetic analysis of drought tolerance traits in grain sorghum. Egypt. J. Plant Breed. 11 (3): 207-232.
64. **Al- Naggar, A. M.;** M. A. Moustafa; M. M. Atta and M. T. Shehab-Eldeen (2007). Gene action of earliness and grain filling in bread wheat under two irrigation regimes. Egypt. J. Plant Breed. 11 (3): 279-297.
65. **Al- Naggar, A. M.;** A. A. K. Mahmoud, M. M. M Atta and A. M. A. Gouhar (2008). Intra-population improvement of maize earliness and drought tolerance. Egypt. J. Plant Breed. 12 (1): 213-243.
66. **Al- Naggar, A. M.;** W. A. El-Murshedy and M. M. M. Atta (2008). Genotypic variation in drought tolerance among fourteen Egyptian maize cultivars. Egypt. J. of Appl. Sci., 23(2B): 527-542.
67. **Al- Naggar, A. M.;** M. M. M. Saker; R. Shabana; S. A. Ghanem; A. H. Reda and S.A. Eid (2008). *In vitro* selection and molecular characterization of salt tolerant canola plantlets. Arab J. of Biotechnology, Vol. 11(2): 207-218.
68. **Al- Naggar, A. M.;** Ebtisam A. M. Hemida; M. A. Z. El-Naggar and Eman H. Saad El-Deen (2008). Reaction of twenty maize cultivars to *Sesamia cretica* and effects on the insect reproduction. Egypt. J. Plant Breed. 12 (2): 99-121.
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