

# Prof. Bahy Raghieb Bakheit Alwafy



Emeritus Professor faculty of Agriculture Assiut  
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## PERSONAL DATA

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## EDUCATION

- 1- B.Sc. (Agric.) Assiut University, June 1967.
  - 2- M.Sc. Master of Science in Agronomy, Assiut University, Faculty of Agriculture, Agronomy Dept., 1972. **Title:** Studies on the preservation of wheat grains.
  - 3- Ph.D. in Agronomy (Plant Breeding), Hungary-Budapest, Hungarian Academy of Science, 1980, **Title:** Results of breeding in Lucerne for resistance to *Fusarium* and *Verticillium* wilt.
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## ACADEMIC POSITIONS

- Emeritus Professor Faculty of Agriculture, Assiut University, 2006
- Professor Faculty of Agriculture, Assiut University, 1991
- Associate Professor Faculty of Agriculture, Assiut University, 1986
- Lecturer Faculty of Agriculture, Assiut University, 1981
- Assistant Lecturer Faculty of Agriculture, Assiut University, 1972
- Demonstrator Faculty of Agriculture, Assiut University, 1967



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## PUBLICATIONS

1. Impact of Planting Methods and Foliar Spraying with Zinc Dioxide Nanoparticles on the Seed and Oil Yields of Sunflower, BR Bakheit, EA Ali, AA Omar, HAA Hamed, Assiut Journal of Agricultural Sciences, 53 (3), 1-13, 2022.
2. The Interaction of Genotype  $\times$  Environment for Seed Yield in Alfalfa (*Medicago sativa* L.), BR Bakheit, EMA Toeima, FM Fathy, AA Mohamed, Assiut Journal of Agricultural Sciences, 53 (3), 42-54, 2022.
3. Performance of pearl millet (*Pennisetum glaucum*) genotypes for forage yield and its components under normal and water stress irrigation, B Raghieb Bakheit Alwafy, M B Ali, R Elsaid Mahdy, N Kandeel, Assiut Journal of Agricultural Sciences, 52 (5), 1-2, 2021.
4. Assessment of some pearl millet genotypes for seed yield and its components under normal and water stress irrigation, BR Bakheit, MB Ali, RE Mahdy, M M Kandeel, Assiut Journal of Agricultural Sciences, 52 (4), 28-52, 2021.
5. Path-coefficient and stepwise regression analyses under different sowing dates in alfalfa (*Medicago sativa*), B Raghieb Bakheit Alwafy, AEM Toeima, FM Fathy, AA Mohamed, Assiut Journal of Agricultural Sciences, 52 (4), 12-27, 2021.
6. Response of Seed Yield and its Components to Autumn and Spring Sowing Dates of Alfalfa (*Medicago sativa*), BR Bakheit, EA Teama, AM F.M. Fathy and Asmaa, Assiut J. Agric. Sci., 52 (2) 2 (52), (1-24), 2021.
7. Response of Forage Yield and its Components to Autumn and Spring Sowing Dates of Alfalfa (*Medicago sativa*), AA Mohamed, B Raghieb Bakheit Alwafy, EA Teama, FMF Abdel-Motagally, Assiut Journal of Agricultural Sciences, 52 (1), 1-19, 2021.
8. Evaluation of some new somaclones of sugarcane for yield and quality, A Abo-Elwafa, BR Bakheit, AM El-Taib, NY Noby, SVU-International Journal of Agricultural Sciences, 3 (1), 129-139, 2021.
9. Assessment of Bread Wheat Genotypes Under Normal Irrigation and Water Stress, B Raghieb Bakheit Alwafy, MB Ali, M Abdel-Moneim El-Morsidy, AM Omer, ... Assiut Journal of Agricultural Sciences, 51 (1), 42-65, 2020.
10. Molecular marker dissection of stem rust resistance in Nebraska bread wheat germplasm, AMI Mourad, A Sallam, V Belamkar, S Wegulo, G Bai, E Mahdy, B Bakheit, ..., Scientific reports 9 (1), 1-10, 2019.
11. Forage and seed yield variation of alfalfa cultivars in response to planting date, ZM El-Hifny, BR Bakheit, MS Hassan, A El-Rady, SVU-International Journal of Agricultural Sciences 1 (1), 21-33, 3, 2019.



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12. Genetic diversity between two Egyptian clover varieties and QTL analysis for some agromorphological traits ,BES Abdel-Fatah, BR Bakheit, Molecular biology reports 46 (1), 897-908, 2019.
13. Genetic architecture of common bunt resistance in winter wheat using genome-wide association study, AMI Mourad, A Sallam, V Belamkar, E Mahdy, B Bakheit, A Abo El-Wafaa, ...BMC plant biology 18 (1), 1-14, 2018.
14. Genome-Wide Association Study for Identification and Validation of Novel SNP Markers for Sr6 Stem Rust Resistance Gene in Bread Wheat, AMI Mourad, A Sallam, V Belamkar, S Wegulo, R Bowden, Y Jin, E Mahdy, ..., Frontiers in plant science 9, 380, 2018.
15. Effect of common bunt infection on agronomic traits in wheat (*Triticum aestivum* L.), A Mourad, E Mahdy, BR Bakheit, A Abo-Elwafaa, PS Baenziger, J Plant Genet Breed 2 (102), 2, 2018.
16. Forage yield stability of some Egyptian clover genotypes (*Trifolium alexandrinum* L.) under different sowing dates, BR Bakheit, EA Teama, AM Asmaa, FM Fathy, Assiut J. Agric. Sci 48, 22-33, 2017.
17. Effect of Varieties and Sowing Dates on Forage Yield and its Components in Alfalfa (*Medicago sativa* L.), WA Abdalrady, MZ El-Hifny, BR Bakheit, MS Hassan, Assiut J. Agric. Sci 48 (5), 34-56, 2017.
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19. Effect of planting date, variety and their interaction on seed yield and its components of Egyptian clover (*Trifolium alexandrinum* L.), AA Mohamed, BR Bakheit, EA Teama, FM Fathy, Assiut J. Agric. Sci 48, 1-11, 2017.
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24. Evaluate of some varieties of alfalfa for forage yield and its components under the New Valley conditions, WAH Alla, BR Bakheit, A Abo-Elwafa, MA El-Nahrawy, Journal of Agroalimentary Processes and Technologies 19 (4), 413-418, 2013.
25. Improvement of single cut Egyptian clover (*Trifolium alexandrinum* L.) by mass and family selection methods., BR Bakheit, MA Ali, Asian Journal of Crop Science 5 (3), 304-311, 2013.
26. Egyptian clover (*Trifolium alexandrinum* L.) breeding in Egypt: a review., BR Bakheit, Asian Journal of Crop Science 5 (4), 325-337, 2013.
27. Effect of mass selection for root characteristics on forage yield and some of its components in Alfalfa, WA Hamd Alla, BR Bakheit, A Abo-Elwafa, MA El-Nahrawy, Egyptian Journal of Plant Breeding 203 (1127), 1-18, 2012.
28. Wael Ali Ahmed Hamd Alla B. Sc. in Agriculture Sci.(Agronomy) Faculty of Agriculture, BR Bakheit, Assiut University, 2012.
29. The Relative Merits of Pedigree Selection for Grain Yield of Bread Wheat under Drought Stress and Sensitivity to Environments, RE Mahdy, BR Bakheit, KA Kheiralla, AA Ismail, Assiut Journal of Agricultural Sciences 43 (3), 55-72, 2012.
30. The influence of temperature, genotype and genotype  $\times$  temperature interaction on seed yield of berseem clover (*Trifolium alexandrinum* L.), BR Bakheit, MA Ali, AA Helmy, Asian Journal of Crop Science 4 (2), 63-71, 2012.
31. Genetic Analysis of Yield Traits in Faba Bean (*Vicia faba* L.), AMI Murad, EE Mahdy, BR Bakheit, A Abo El-Wafa Ahmed, Assiut Journal of Agricultural Sciences 42, 1-16, 2011.
32. Effect of selection for crown diameter on forage yield and quality components in alfalfa (*Medicago sativa* L.), BR Bakheit, MA Ali, AA Helmy, Asian Journal of Crop Science 3 (2), 68-76, 2011.
33. Combining ability for yield and yield components in sunflower, BR Bakheit, AM Mahmoud, AA El-Shimy, MA Attia, Egypt J Plant Breed 14 (1), 173-186, 2010.
34. The influence of temperature, genotype and genotype  $\times$  temperature interaction on seed yield of Egyptian Clover, BR Bakheit, MA Ali, AH Amal, Egypt J. Plant. Breed 13, 141-153, 2009.
35. Assessment of genetic relationship between a new multifoliate strain and seven Egyptian commercial cultivars of berseem clover as revealed by protein and RAPD markers, BR Bakheit, MM Hashad, TA Ahmed, Forage Res 34 (1), 1-8, 2008.



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37. Breeding for drought tolerance in grain sorghum [*Sorghum bicolor* (L) Moench], SA Hassaballa, BR Bakheit, MRA Hovny, AA Amir, The 11th Conference of Agronomy, Agron. Dept., Fac. Agric., Assiut Univ, 175-193, 2005.
38. Pedigree selection for resistance to *Sclerotium bataticola* in three sesame populations, EE Mahdy, BR Bakheit, MM Motawea, IMA Bedawy, *Assuit Journal of Agriculture Sciences* 63 (1), 57-72, 2005.
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41. Response of some faba bean cultivars to planting dates and population densities, BR Bakheit, AY Allam, AH Galal, *Assiut Journal of Agricultural Sciences (Egypt)*, 2003.
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43. Intercropping faba bean with some legume crops for control of *Orobanche crenata*, BR Bakheit, AY Allam, AH Galal, *Acta Agronomica Hungarica* 50 (1), 1-6, 2002.
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45. Triple test cross analysis in four sesame crosses (*Sesamum indicum* L.), BR Bakheit, AA Ismail, AA El-Shiemy, FS Sedek, *The Journal of Agricultural Science* 137 (2), 185-193, 2001.
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47. Linex tester analysis for combining ability in grain sorghum (*Sorghum bicolor* (L.) Moench), MRA Hovny, BR Bakheit, EA Hassaballa, AA Amir, *Assiut Journal of Agricultural Sciences* 31 (2), 147-161, 2000.



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49. Combining ability of seed yield and its components in sesame (*Sesamum Indicum L.*), BR Bakheit, FM Abd-El-Motagally, Assiut Journal of Agricultural Sciences (Egypt), 1996.
50. Variability, genotypic and phenotypic correlations and path-coefficient analysis among sesame traits, MM Abd-Allah, EA Hassab-Allah, BR Bakheit, FM Abd-El-Motagally, Assiut Journal of Agricultural Sciences (Egypt), 1996.
51. Inheritance of some qualitative and quantitative characters in sesame, *Sesamum indicum L.*, BR Bakheit, FM Abd-El-Motagally, Assiut Journal of Agricultural Sciences (Egypt), 1996.
52. Development of a new multifoliate strain of berseem clover (*Trifolium alexandrinum L.*) in Egypt. Short communication, BR Bakheit, Journal of Agronomy and Crop Science (Germany), 1996.
53. Genotype by environment interactions in grain sorghum across water-deficit environments, BR Bakheit, MM Saadalla, FH Abdalla, TA Ahmed, Assiut Journal of Agricultural Sciences (Egypt), 1994.
54. Genotypic response and variance components in grain sorghum under different water regimes, FH Abdalla, BR Bakheit, MM Saadalla, TA Ahmed, Assiut Journal of Agricultural Sciences (Egypt), 1994.
55. Evaluation of grain sorghum germplasm for some agronomic characteristics, MM Saadalla, MZ El-Hifny, BR Bakheit, FH Abdalla, TA Ahmed, Assiut Journal of Agricultural Sciences (Egypt), 1994.
56. Genetic analysis of diallel crosses in Egyptian clover *Trifolium alexandrinum L.*, BR Bakheit, ACTA AGRONOMICA HUNGARICA 42, 383-388, 1993.
57. Performance and stability for forage yield in Egyptian clover genotypes (*Trifolium alexandrinum L.*) under drought conditions, BR Bakheit, HH El-Hinnawy, Forage Res 19, 261-266, 1993.
58. Shambat 104. A new faba bean cultivar for the Gezira, Sudan, BR Bakheit, Fabis Newsletter 30, 20-22, 1992.
59. Genetical studies of some Egyptian and imported varieties of faba bean [*Vicia faba*], BR Bakheit, Faba Bean Information Service, 1992.
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63. Variability and Correlations in Grain Sorghum Genotypes (*Sorghum bicolor* [L.] Moench) Under Drought Conditions at Different Stages of Growth, BR Bakheit, Journal of Agronomy and Crop Science 164 (5), 355-360, 1990.
64. Performance, phenotypic and genotypic stability for green fodder and leafiness in sorghum under different nitrogen fertilization levels., BR Bakheit, Assiut Journal of Agricultural Sciences 21 (1), 65-77, 1990.
65. Response of selection for forage traits in sorghum-Sudangrass hybrids (Surdan)., BR Bakheit, Assiut Journal of Agricultural Sciences 21 (1), 53-63, 1990.
66. Stability of grain yield and its components of grain sorghum genotypes [*Sorghum bicolor* (L.) Moench] as affected by different irrigation regimes, BR Bakheit, Cereal Research Communications, 117-124, 1990.
67. Genetical studies of some morpho-physiological traits in durum wheat crosses., MG Mosaad, MA El-Morshidy, BR Bakheit, AM Tamam, Assiut Journal of Agricultural Sciences 21 (1), 79-94, 1990.
68. Selection for Seed Yield Production of Egyptian Clover (*Trifolium alexandrinum* L.) C. V. Fahl, BR Bakheit, Plant breeding 103 (4), 278-285, 1989.
69. CORRELATIONS UNDER NORMAL FIELD AND APHID INFESTATION CONDITIONS AND PATH ANALYSIS IN DURUM WHEAT (*TRITICUM TURGIDUM* L.), BR Bakheit, MG Mosaad, MA El-Morshidy, AM Tamam, Cereal Research Communications, 219-226, 1989.
70. The effect of recurrent selection and performance of seed synthetics in berseem clover, *Trifolium alexandrinum* L. [Egypt], BR Bakheit, Assiut Journal of Agricultural Sciences (Egypt), 1989.
71. Inheritance of yield in some durum wheat crosses (*Triticum turgidum* L.) Assiut J, BR Bakheit, MG Mosaad, MA El-Morshidy, AM Tamam, Agric. Sci 20 (3), 221-234, 1989.
72. Response of wheat to drought conditions at different growth stages [Egypt], KA Kheiralla, BR Bakheit, RA Dawood, Assiut Journal of Agricultural Sciences (Egypt), 1989.





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73. Pollination and seed setting in different genotypes of Egyptian clover (berseem, *Trifolium alexandrinum* L.) [Egypt], BR Bakheit, Assiut Journal of Agricultural Sciences (Egypt), 1989.
74. Agronomy Department, Faculty of Agriculture, Assiut Univ. Assiut, Egypt., EE Mahdy, BR Bakheit, Cereal Research Communications, 107, 1988.
75. Genetic variability and correlations in world collection of sesame (*Sesamum indicum* L.) [Egypt], BR Bakheit, EE Mahdy, Assiut Journal of Agricultural Sciences (Egypt), 1988.
76. The modified mass selection in a composite variety of maize (*Zea mays* L.) [Egypt], EE Mahdy, BR Bakheit, Assiut Journal of Agricultural Sciences (Egypt), 1988.
77. Genotypic stability analysis of yield and several traits of sesame, *Sesamum indicum* L. [Egypt], EE Mahdy, BR Bakheit, MZ El-Hifny, A El-Shimy, Assiut Journal of Agricultural Science (Egypt), 1988.
78. Selection for seed yield in Egyptian (Berseem) clover (*Trifolium alexandrinum* L.) variety Fahl. [Egypt], BR Bakheit, Assiut Journal of Agricultural Sciences (Egypt), 1988.
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89. Evaluation of sesame genotypes for relative tolerance to root rot disease [Egypt], BR Bakheit, MZ El-Hifny, EE Mahdy, NR Gurgus, A El-Shimy, Assiut Journal of Agricultural Sciences (Egypt), 1988.
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94. Zearalenone accumulation in *Zea mays* kernels from a sevenline diallel infected with *Gibberella zeae*, SE Megalla, BR Bakheit, Seed science and technology 14 (2), 383-389.1986.
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96. Genotypic stability of some multicut Egyptian clover (*Trifolium alexandrinum* L.) genotypes, BR Bakheit, Assiut J. Agric. Sci 16, 21-37, 1985.
97. Effect of mass and family selection on productivity of Egyptian clover (*Trifolium alexandrinum*, L.), BR Bakheit, Assiut. J. Agric. Sci 16, 35-46, 1985.

## SUPERVISIONS:

- 1- Asmaa Ali Mohamed Ali , Response of forage and seed yields to autumn and spring sowing dates of alfalfa (*Medicago sativa* L.), 2021, supervisor: Bahy R. Bakheit.



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- 2- Amira Mourad Ismail Mourad , Breeding for common bunt and stem rust resistance in wheat ,2019-01-22 supervisor: Prof. Dr./ Ezzat El-Sayed Soliman Mahdy Prof. Dr./ Bahy Ragheb Bakheit Prof. Dr./ Atif Abo El-Wafa Ahmed Prof. Dr./ Peter Stephen Baenziger.
- 3- Wesam Ahmed AbdEl-Rady , Forage and seed yields stability of some alfalfa genotypes under different environments ,2018-02-27 supervisor: M.Z.El-hifny; Bahy R. Bakheit; Mohamed Sayed Hassan.
- 4- Ghada Badr Abdulaziz Badr , Comparative studies on the efficiency of diallel and triple test analysis in sesame (Sesamum indicum L.) ,2004- 11-15 supervisor:
- 5- Fangary Shehata Sedeek , Genetic studies on yield and its components in sesame (Sesamum indicum L.) ,1999-07-22 supervisor:
- 6- Ibrahim Mohamed Hassan Awad , Selection response in berseem (Trifolium alexandrinum L.) and alfalfa (Medicago Sativa L.) ,2001-02-05 supervisor:
- 7- Yousef Mohamed Yousef , Performance and stability of some grain sorghum crosses and their parents under drought condition ,2016-06-21 supervisor:
- 8- Ahmed Mahmoud Abdullatif Abdel Moneim , improvement of the mono cut Egyptian clover (Trifolium alexandrinum L.) ,2016-03-03 supervisor:
- 9- Asmaa Ali Mohamed Ali , Effect of planting date on forage and seed yields production of some Egyptian clover genotypes (Trifolium alexandrinuml) ,2017-03-06 supervisor:
- 10- Abd Allah Abd El-Wahab Amir , Breeding for drought tolerance in some grain sorghum genotypes and their hybrids. ,2004-06-26 supervisor: Prof.Dr. S.A. Hassaballah Prof.DR. B.R. Bakheit Dr. M.R.A. Hovny Prof.Dr. H.H. El-Hinnawy Prof.Dr. M.F. Abadeer.
- 11- Mahrous Abd EL-Baset Attia Salim , Development and Evaluation of Sunflower Synthetic Varieties (Helianthus annuus L.) ,2014-06-30 supervisor: Bahy Raghieb Bakheit, Atef Abo-Elwafa, Abdeen Ahmed El-Shimy
- 12- Wael Ali Ahmed Hamd Alla , EFFECT OF SELECTION FOR ROOT CHARACTERISTICS ON FORAGE YIELD OF ALFALFA ,2012-06-30 supervisor: Bahy Ragheb Bakheit, Atif Abo-Elwafa Ahmed, Mohamed bu Zaid El-Nahrawy .
- 13- Rasha Ezzat El-Sayed Mahdy , Response to selection for earliness and yield in bread wheat under normal and drought conditions ,2012- 06-30 supervisor: Bahy Ragheb Bakheit, Kamal Abdou Abdel-Ghani Kheiralla, Abdel-Azeem Ahmed Ismail.
- 14- Wael Ali Ahmed HamdAlla , Effect of selection in root characteristics on forage yield of alfalfa. ,2012-07-16 supervisor: Prof. Dr. Atif Abo-Elwafa Prof. Dr. Bahy Ragheb Baghedt.
- 15- Mohamed Waheed Shawky , Efficiency of some selection procedures for seed yield in canola (Brassica napus L) ,2009-02-01 supervisor: Prof. Dr. Atif Abo-Elwafa Prof. Dr. Bahy Ragheb Baghet Dr. Abdeen Ahmed Elshemy.
- 16- Mohamed Waheed Shawky , genetic analysis on yield and its components in canola. ,2004-04-30 supervisor: Prof. Dr. Atif Abo-Elwafa Prof. Dr. Bahy Raheb Baghet Dr. Abdeen Ahmed Elshemy.
- 17- Mahros Abdel Baset Atia Slim , Heterosis and combining ability in sunflower through line x tester analysis ,2009-01-22 supervisor: Bahy Ragheb Bkhit, Adel Mouhamed Mahmoud, Abdin Ahmad El-Shimy.



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- 18- Rasha Ezat El-Said Mahdy , Inheritance of yield, yield components and drought tolerance traits in bread wheat (*Triticum aestivum* L ,2007- 10-30 supervisor: Bahy Ragheb Bkhit, Abdel Azim Ahmad Ismail, Talat Abdel Fatah Ahmad,
- 19- Mouhamed Wahid Shawky Ahmad Mahmoud , The Efficiency of Some Selection Procedures for Seed Yield in Canola *Brassica napus* L ,2009-04-19 supervisor: Bahy Ragheb Bkhit, Atef Abou El-Wafa Ahmad, Abdin Ahmad El-Shimy .
- 20- Ahmad Mouhamed Tammam Mouhamed , RESPONSE TO SELECTION FOR SOME AGRONOMIC TRAITS IN WHEAT ,1995-04-18 supervisor: Mouhamed Abdel Moneam El-Morshedy, Mouhamed Ali Khalifa, Bahy Ragheb Bkhit
- 21- Aabdin Ahmad El-Shimy , THE EFFICIENCY OF SOME SELECTION PROCEDURES IN SESAME (*SESAMUM INDICUM* U ,1995-04-16 supervisor: Mosad Zaky El-Hifny, Ezat El-Said Mahdy, Bahy Ragheb Bkhit .
- 22- Abd Allah Abdel Wahab Amir , Line x Tester Analysis for Combining Ability in Grain Sorghum [*Sorghum bicolor* (L.) Moench] ,1999-04-20 supervisor: El-Said Abdel Salam Hasab Allah, Bahy Ragheb Bkhit, Mouhamed Rizk Allah Asran Hefny.
- 23- Fathy Mouhamed Fathy , VARIABILITY AND COMBINING ABILITY IN SESAME (*SESAMUM INDICUM* L ,1995-04-19 supervisor: El-Said Abdel Salam Hasab Allah, Mouhamed Mahmoud Abd Allah, Bahy Ragheb Bkhit.
- 24- Ahmad Mouhamed Tammam , INHERITANCE OF YIELD AND APHID RESISTANCE IN SOME WHEAT CROSSES ,1989-04-12 supervisor: Bahy Ragheb Bkhit, Mouhamed Abdel Moneam El-Morshedy
- 25- Aabdin Ahmad El-Shimy , GENETIC AND ENVIRONMENTAL STUDIES ON SESAME (*SESAMUM INDICUM* L ,1988-04-19 supervisor: Bahy Ragheb Bkhit.
- 26- Ibrahim Mouhamed Hassan Awad , EVALUATION OF SOME UPPER EGYPT BERSEEM ECOTYPES (*TRIFOLIUM ALEXANDRINUM* L ,1988-04-19 supervisor: Mouhamed Mouhamed Abd Allah Baky, Bahy Ragheb Bkhit.
- 27- Ismail Bedawy , Pedigree selection for wilt resistance in some sesame populations, *Sesamum indicum* L. ,2004-06-28 supervisor: Ezzat E. Mahdy Bahy Raghieb.
- 28- Rasha Ezat Elsayied Mahdy , the relative merits of pedigree selection for grain yield of bread wheat under drought stress and sensitivity to environments ,2012-09-26 supervisor: Prof. Bahy Ragheb Bakheit Prof. Kamal Abdo Khair Allah and Prof. Abd-Elazeem Ahmed Ismaeil.
- 29- Amira Mourad Ismail Mourad , Inheritance of some agronomic traits in faba bean (*Vicia faba* L.) ,2011-06-26 supervisor: Ezzat Elssaed Mahdy, Bahy Raghieb Bakheit.
- 30- TALAAT ABDEL-FATTAH AHMED , EVALUATION OF GRAIN SORGHUM GERMPLASM FOR SOME ,1993-12-31 supervisor: Hassan Farooq Abdullah, Bahy Ragheb Bakheit, Mohamed Mohamed Saadallah.
- 31- Fangari Shehata Sedek , Comparison of some selection procedures in sesame (*Sesamum indicum*,L ,2005-05-23 supervisor:

## Awards:

- 1- State Encouragement Award in Agricultural Sciences in 1990.
- 2- Assiut University Award for Scientific Excellence 2001/2002.



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- 3 - Award for the best research for agricultural sciences in the field of plant production (crops) from the Faculty of Agriculture, Assiut University in 2001/2002.
  - 4- State Encouragement Award in Agricultural Sciences in 2002.