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Dr. Sedhom A. Sedhom



- NAME:** Sedhom Asaad Sedhom
- AFFILIATION:** Breeding and statistical agronomist, Faculty of Agriculture Moshtohor Benha University, Egypt.
- POSITION :** Professor of Agron. Dept. Fac. Agric., Benha Univ.
- ADDRESS:** Agronomy Department, Faculty of Agriculture at Moshtohor, Tukh, Kalubia, Egypt.
- DATE OF BIRTH:** May, 13, 1954
- PLACE OF BIRTH:** Aolad Sakr, Sharkia, Egypt.
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- MARITAL STATUS:** Married with 4 children
- EDUCATION**
- Bachelor of Science (Agriculture) Zagazig University, 1976.
 - Master of Science (Agronomy), Faculty of Agriculture, at Moshtohor, Zagazig University, 1980. Thesis's title "Gamma Ray Effects on Egyptian Clover".
 - Ph. D. Crop Breeding, Agronomy Department, Faculty of Agriculture, Moshtohor, Zagazig University, 1984. Thesis Title "Study on Late Wilt Disease Resistance in Maize".
- PROFESSIONAL CAREER**
- Demonstrator, Faculty of Agriculture, Moshtohor from September 19, 1977 to December 30, 1980.
 - Assistant Lecturer, Same Faculty, from December 31, 1980 to September 18, 1984.
 - Lecturer, same Faculty, from September 19, 1984 to November 15, 1988.
 - Assistant Professor, same Faculty, from November 16, 1988 to August 15, 1994.
 - Professor, same Faculty, from August 16, 1994 until now.
- LANGUAGE PROFICIENCY**
- English and Arabic
- MEMBERSHIP**
- The Egyptian Society of Agronomy
 - The Egyptian Society of Plant Breeding
- TEACHING AND SUPERVISION**
- Teaching the following courses for the under graduate and post graduate students:
 - Plant Breeding
 - Breeding Field Crops ,

OTHER ACTIVITIES

- Breeding for disease and insect resistance
- Statistical Analysis and Experimental Design
- Biometrics
- Teaching two obligatory courses for all ph. D students in the Faculty of agriculture, Moshtohor.
- Supervising twenty graduate students for M. Sc and Ph. D degree.
- Published 30 scientific papers in the area of Statistics and Breeding Field Crops.
- Manager of the computer center of the Faculty since 1992 till now and responsible for :
 - Teaching computer courses for under- graduate (Operating systems, Win XP, Office XP and Basic Language .
 - Teaching Statistical Programs (SAS, SPSS, MSTATC) as well as Word Processing, Access and Excel programs for post graduate students.
 - Designing programs for biometrics and experimental designs and analysis.
 - Designing programs for the control to prepare the final results of all students.
 - Designing computer programs to cover the administration tasks.
- Visited the United States of America from January 1987 to September 1987 to participate in breeding and statistical programs at Auburn University (Alabama) in cooperation with Prof. Dr. David Weaver.
- Participated in the National Agricultural Research Project (NARP) for increasing the productivity of forage crops in South Delta.
- Participated in the National Campaign for increasing Maize productivity in Egypt from 1993 until now.
- Manger of the Quality Assurance and Accreditation Unit of the Faculty of Agric., Moshtohor.
- Responsible for education development programs in the Faculty of Agric. Benha University.
- Participated in training workshops for training of trainers (TOT). And training Benha Univ. Staff members on Fundamentals of scientific Research, Research Ethics, Team Work Management and Scientific Publishing.
- Participated in several workshops concerning Quality Assurance and Accreditation held in Cairo, Ain Shams, Zagazig, Mansoura and Benha universities.
- Participated in QAAP project as a Peer Reviewer in Faculties of Agric. : Ain Shams , Alexandria, Shebein El Kom, and El Fayioum Universities.

List of Publication

- Shafshak, S.K.; A. Shoker El- Sayed, A. El- Hosary, A. Sadek and S.A. Sedhom (1986): Breeding studies on maize. I- Late wilt disease resistance. *Ann. of Agric. Sc., Moshtohor*, 32(1): 1321- 1333.
- Shafshak, S.E.; F.E. Oraby, A. Shoker El- Sayed, A. El- Hosary, and S.A. Sedhom (1986): Breeding studies on maize. II- Yield and some of its components. *Ann. of Agric. Sc., Moshtohor*, 32(1): 1334- 1345.
- Shafshak, S.E., G.Y. Hammam, S.A. Sedhom and K.A. El- Doby (1987): Grain yield of maize as affected by plant density and distribution patterns. *Egypt. J. Appl. Sci., Supplementary Issue*, 11- 20.
- Sedhom, S.A. (1988): Estimation of some genetic parameters in maize. *Egypt. J. Appl. Sci.*, 24(3): 264- 273.
- Sedhom, S.A. and S.A. Seif (1988): Effect of mixing cereal- grasses with fahl berseem on the forage production and botanical practices. *Egypt. J. Appl. Sci.*, 3(2): 231- 243.
- El- Hosary, A.A. and S.A. Sedhom (1988): Heterosis and combining ability for yield and its components in field beans (*Vicia faba*, L.). *Egypt. J. Agron.* 14(1&2): 1- 12.
- Seif, S.A , S.A. Sedhom and F.T. Zenhom (1988): Effect of various level of nitrogen and phosphorus on forage yield of Italian ryegrass. *Egypt. J. Appl. Sci.*, 392): 244- 255.
- Weaver, D.B., S.A. Sedhom, E.F. Smith and P.A. Backman (1988): Field and greenhouse evaluation of stem canker resistance in soybean. *Crop Science*, 28(4): 626- 630.
- El- Hosary, A.A. and S.A. Sedhom (1989): Evaluation of some new synthetic varieties of maize. *Ann. Agric. Sc., Moshtohor*, 27(3): 1527- 1534.
- El- Hosary, A.A., S.A. Sedhom and S.A. Mohamed (1989): Correlation and path coefficient studies in maize. *Ann. of Agric. Sc., Moshtohor*, 27(3): 1517- 1525.
- El- Hosary, A.A. and S.A. Sedhom (1990): Evaluation of some new lines of faba bean (*Vicia faba*, L.). *Proc. 4th Conf. Agron., Cairo*, 15- 16 Sept. (1): 435- 445.
- El- Hosary, A.A. and S.A. Sedhom (1990): Diallel analysis of yield and other agronomic characters in maize (*Zea mays*, L.). *Ann. of Agric. Sc., Moshtohor*, 28(4): 1989- 1998.
- Sedhom, S.A. (1992): Development and evaluation of some new inbred lines of maize. *Proc. 5th Conf., Zagazig*, 13- 15 Sept, (1): 269- 280.

- El- Hosary, A.A., K.A. El- Shouny, S.A. Sedhom and S.A. Afiah (1992): Breeding studies on *Brassica nupus* L. 1- Growth and yield characteristics. Proc. 5th Conf. Agron. Zagazig, 13- 15 Sep. (2): 918- 932.
- El- Hosary, A.A., K.A. El- Shouny, S.A. Sedhom and S.A. Afiah (1992): Breeding studies on *Brassica nupus* L. 2- Seed oil content and fatty acids. Proc. 5th Conf. Agron. Zagazig, 13- 15 Sep. (2): 933- 944.
- Sedhom, S.A. (1993): Estimation of genetic variance components in a composite variety of maize (*Zea mays* L.). Egypt. J. Appl. Sci., 8 (7): 553- 561.
- Sedhom, S.A and A.M. Mahdy (1993): Inheritance of resistance to late wilt disease in maize caused by *Cephalosporium maydis*. Ann. Of Agric. Sc., Moshtohor, 31(4): 1787- 1795.
- Mohamed, M.K. and S.A. Sedhom (1993): A comparison between statistical procedures of relating yield components in a set of corn varieties. Ann. of Agric., Moshtohor, 31(4): 1855- 1866.
- Sedhom, S.A (1994): Genetic analysis of diallel crosses in maize (*Zea mays*, L.) over two years. Ann. of Agric. Sc., Moshtohor, 32(1): 95- 107.
- Sedhom, S.A. (1994): Stability parameters for grain yield of some maize genotypes. Ann. of Agric. Sc., Moshtohor, 32(1): 109- 117.
- Sedhom, S.A. (1994): Estimation of general and specific combining ability in maize under two different planting dates. Ann. of Agric. Sc., Moshtohor, 32(1): 119- 130.
- Sedhom, S.A. (1994): Genetic study on some top crosses in maize under two environments. Ann. of Agric. Sc., Moshtohor, 32(1): 131- 141.
- Sedhom, S.A. (1994): Genetic components of yield and some other traits in maize (*Zea mays*, L.). Egypt. J. Appl. Sci., 9 (5): 881- 891.
- Shafshak, S.E., G.Y. Hammam. S.A. Sedhom and K.A. El- Douby (1994): Intercropping maize and soybean under various population densities as well as different planting dates. Zagazig J. Agric. Res. 21(3A): 729- 747.
- Shafshak, S.E., G.Y. Hammam. S.A. Sedhom and K.A. El- Douby (1994): Intercropping maize and sunflower under various population densities as well as different planting dates. Zagazig J. Agric. Res. 21(3A): 749- 765.
- A.E. El- Debaby, S.E. Shafshak, S.A. Seif, and S.A. Sedhom (1994): Effect of sowing methods and seeding rate on growth and yield of some berseem clover (*Trifolium alexandrinum*, L.). Egypt. J. Appl. Sci., 9 (6): 723- 734.

- A.E. El- Debaby, S.E. Shafshak, S.A. Sedhom and S.A. Seif (1994): Evaluating forage crop potentialities of two annual winter grasses as affected by sowing methods and nitrogen levels. *Egypt. J. Appl. Sci.*, 9 (6): 735- 743.
- Shafshak, S.E., A.E. El- Debaby, S.A. Sedhom and S.A. Seif (1994): Effect of seeding rate and nitrogen fertilization levels on the productivity of two cultivars of Italian Ryegrass. *Egypt. J. Appl. Sci.*, 9 (6): 744- 753.
- Shafshak, S.E., A.E. El- Debaby, S.A. Seif and S.A. Sedhom (1994): Comparative study of yield potentialities of different summer grasses under various nitrogen levels. *Egypt. J. Appl. Sci.*, 9 (6): 754- 763.
- El- Sayed Hefni, M.H., S.A. Sedhom, M.I.M. Salwau and A.H. Assran (1997): Effect of nitrogen and phosphorus on some sweet sorghum cultivars. *Proc. of the International Conf. on Sugar and sugar substitutes in food processing & nutrition*, October, 14- 16, 1977.
- El- Hosary, A.A., S.A. Sedhom, M.H. Bastawisy and M.H. El- Mahdy (1998): Diallel analysis of some quantitative characters in faba bean (*Vicia faba* L.). *Proc. 8th Conf. Agron., Suez Canal Univ., Ismailia*, 28- 29 Nov, 256- 267.
- Sedhom, S.A ., Saad, A.M, M.E. El- Badawy, and A. A. El- Hosary (2007): Genetic and biotechnological studies foe some important traits in maize (*Zea mays* L.) *Ann. of Agric. Moshtohor*, 45(1): 1- 20.