

W2.2 “Current status of Faba bean production in Egypt”

AUTHORS: M.I. Abdel Mohsen and members of Faba bean program

PRESENTER ADDRESS and EMAIL: 17 Gesr Elniel St. Mit Ghamr Dakahlia
abdelmohsenmahmod@yahoo.com

ABSTRACT: In Egypt, the cultivated area of Faba bean (*Vicia faba* L.) has decreased since last decade. The cultivated area devoted to faba bean in Egypt was 322 thousand faddan in 1997/98-2001/02 seasons, declined to only 98 thousand faddan in 2011/2012 season (Faddan =4200 m²). However, the seed yield per unit area has increased from 8.13 to 9.15 ardab/fad in the same seasons, with an increase of 13%. Despite the increasing in productivity, the total production is not reaching the self-sufficiency. The highest percentage of self-sufficiency was existed in 1997/98–2001/02 seasons (99%), these percentages reduced to only 28% in 2011/012 season. In addition there is a wide gap between the yield potentiality of recommended production package and farmer’s yield, which reached about 20.2%.

BIOGRAPHY: Dr. Mahmoud Ibrahim Abdelmohsen is responsible for the following:

- 1- Managing all research activities and administration issues of Legume Research Program at ARC in Egypt. The Activities including crop breeding, agronomy, technologies transfer and seed production for Faba bean, Lentil, Chickpea, Fenugreek, Lupin and Soybean.
2. Managing Faba bean, Lentil, Chickpea and Soybean research program at ARC in Egypt, that including planning, budgeting, reporting and supervise soybean support staff. The program activities including hybridization, segregating populations and testing varieties and agronomy programs. Responsibilities including also germplasm collection, evaluation and maintenance of Food Legume crops.
3. Managing food legume research program under desert conditions in north cost areas in Egypt (North Sinai and North west coast).
4. Participate in the field of field crops in New Land Agricultural Services Project (NLASP) which aimed to assist small farmers in desert areas (Bustan, W. Nubaria, and Sugar Beet Zones) to establish sustainable, profitable and modernized farming system and to optimize the use of water on their farms.
5. Participate in the development of Legume outreach projects. These include ICARDA/EC Nile Valley Regional Project (in Egypt, Sudan and Ethiopia), and IDRC North Africa Food Legume Project (in Morocco, Algeria and Tunisia).
6. Coordinated EU-IFAD project of Food Legume In Egypt " Enhanced small-holder Wheat-legume cropping system to improve food security under changing climate in the dry Lands of West Asia and North Africa"
7. Coordinated international Faba bean Projects in Egypt with Academy of Scientific Research and Technology