

MOGA Gh. IULIU

Scientific researcher, Associate PhD professor

01.05.1928 - 03.10.2007

Professor Moga Gh. Iuliu was born on 1 May 1928 in Ocna Mures.

He attended primary and gymnasium school in his hometown, then high school in Blaj and Cluj-Napoca. He graduated the Faculty of Agronomy from Cluj-Napoca in 1953.

Professor Moga Gh. Iuliu has devoted his entire activity to scientific research in the field of agro technology of forage plant for 45 years, namely: 8 years at Mărculești Agricultural Research and Development Center (Calarasi) and 37 years at the National Institute for Agricultural Research and Development Fundulea (Calarasi).



Working with much dedication and passion, he has made important and original contributions in the field, materialized through improved technology or technological sequences to the main fodder species in pure or various intensive mixed stands. Also, on the basis of the researches carried out, it has developed numerous technologies for the production of seeds for leguminous and forage grasses, a pronounced novelty in the field being the technologies of sowing alfalfa, red clover and Italian or hybrid ryegrass in autumn.

Professor Moga Gh. Iuliu received the title of "Doctor in Agronomy" in 1968, with the thesis entitled "Contributions to the Establishment of Forage Plants Agrotechnique in the Pedoclimatic Conditions of the Southern Bărăgan Plain" under the guidance of the Professor, PhD Iremia STAICU from the "Nicolae Balcescu" Agronomic Institute of Bucharest, the current UASVM Bucharest.

Iuliu Moga has been a PhD coordinator at the University of Agronomic Sciences and Veterinary Medicine in Bucharest and at the Academy of Agricultural and Forestry Sciences since 1990, and since 1999 he has become Associate PhD Professor. Thus, it has contributed to the formation of new specialists in the field of grassland and forage crops.

The results of his research were published in 272 papers, of which 131 were research papers, from which 9 papers as first author, 15 were monograph works and 126 popularization brochures. Among these following are some titles of representative scientific papers:

- Quelques resultants experimentaux concernant la culture des plantes fourragères dans des conditions d'irrigation en Roumanie, Zeszyty Problemowe Neuk Rolniczych no.110, pg. 303-316, 1970;

- Relationship: harvest-production époque, quality, longevity at irrigated alfalfa – Analele ICCPT, vol XLI, Series B; pg. 435-443; 1976;
- Experimental results recorded at *Lolium multiflorum* sown in autumn – Analele ICCPT, vol XLIII; pg.335-346; 1978;
- Some biological aspects concerning the resistance to low temperatures of some forage species – Probleme de Agrofitotehnie Teoretică și Aplicată, vol I, no. 1; pg. 41-54; 1979;
- Relationship between the vegetation phase of plants at the beginning of winter and the resistance of alfalfa to low temperatures – Analele ICCPT vol XLV; 1980; pg. 301-308;
- Relationship: root mass - air vegetative mass and rotation of the alfalfa sown for seed – Analele ICCPT, vol LVI; 1988; pg. 151-167;
- Efficient utilization of temperature a Winter crops – corn from ensiling sequence in the irrigated areas of the Danuble Field, NITRA Cehoslovakia, pag, 255-259, 1992;
- Root – serial mass relationship and growth control in seed – producing Lucerne, Research Institute for Cereale and Industrial Plants Fundulea, Rom. Agronomy Journal, pg. 7-19, 1992
- Monographic paper: “Alfalfa”, Ed. Ceres, 1973; pg. 98-166; 198-211;
- Scientific paper: “Perennial forage plants”, Ed. Academiei Române, 1983; pg.73-185; 204-233;
- Scientific paper: “Forage plants”, Ed. Ceres, 1996;
- Forage plants crops for seed, Ed.Ceres, 258 pg., 2000;
- Modern technologies for forage seeds production, Ed. Ceres, 288 pg., 2005.

His high-profile as researcher in the field of forage plant culture has been a solid support to his attendance in the international scientific life. Thus, in the year 1963, he took part in the working group for the research "Exploitation of intensive land resources" in the Netherlands at Rotterdam; in 1969, he presented the paper entitled "Ecological and Economic Aspects of Crop Irrigation" published in Poland; at the CAER Symposium from Moscow (USSR), in 1976, he presented a paper on "Intensive Cultivation Technologies for Forage Plants" applied to Romania, subsequently published in Russian, etc.

Through the scientific research conducted by him in the field of forage crop technology, PhD Iuliu Moga has become a remarkable personality of the field for more than 40 years. Its achievements in this field place him at the forefront of plant breeders who have devoted all their passion and competence to establishing crop technologies for the purpose of forage production. In recognition of his special contribution, in 1992 he became a member of the Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu Sisesti" (ASAS). For the outstanding results obtained in scientific research he received several distinctions, among which we quote:

- Prize „Ion Ionescu de la Brad” from the Romanian academy, for the monographic paper entitled „Alfafa”, in the year 1975;
- One nominee for „Man of the year 1988”, distinction gave by The Biographical Institute from North Carolina, SUA;
- One nominee for „Man of the year 1999”, distinction gave by The International Biographical Centre from Cambridge, England;
- National Order „Faithfull Service” in Degree of Cavalier, through Presidential Decreed, with the occasion of celebrating 75 years from the foundation of The Romanian Agronomic Research Institute (ICAR), in the year 2003.

PhD Maria Schitea

