

THE BEHAVIOR OF SOME SOYBEAN VARIETIES IN THE PEDOCLIMATIC CONDITIONS FROM THE CENTER OF MOLDAVIA

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Abstract

Soybeans is an important source of protein because the amount of protein in a hectare of soybeans is higher than in any other crop. It has a wide range of uses, and it can be used in many areas: for food production, for food and as fuel. Considering the growing interest, in recent years, for this crop, at the ARDS Secuieni a number of ten soybean varieties have been experimented, Carla TD, Larisa, Caro TD, Ilinca TD, Bia TD, Ada TD, Teo TD, Miruna TD, Felicia TD, Onix, creations of the Agricultural Research and Development Station Turda, in order to establish their adaptability to the pedoclimatic conditions of the area. On average, the factors studied greatly influenced soybean production, which varied widely, from 2687 kg/ha, to Felicia TD variety to 3409 kg/ha to Larisa variety. Regarding the correlation between soybean production and the protein production obtained, it is observed that there is a direct correlation, the correlation coefficients calculated being statistically assured and interpreted as very significant.

Key words: soybean, adaptability, production, agricultural years