THE INFLUENCE OF THE IRRIGATION ON THE OBTAIN PRODUCTIONS ON FOUR SOY BEAN VARIETY IN 2005 – 2006 PERIOD

Sanda SUCIU, Emil LUCA, Adriana HOBAN, Ancuta PUSCAS, Nicolae POP

University of Agricultural Sciences and Veterinary Medicine,
3-5 Manastur Street, Cluj-Napoca, Romania, ssanda@usamvcluj.ro

Keywords: soy bean, irrigation

SUMMARY

In the experience was followed obtain productions of four soy bean variety (Diamant, Perla, Agat and Onix) in irrigated and non irrigated conditions. The researches took place in experimental field at Târnăveni (Târgu-Mureș); the region being part of the sub humid zone of Transylvania.

The all four soy beans varieties recorded, in the experimental year 2005 higher harvest values in irrigative conditions. Can be remark that the productions realize of the variety Diamant (3.83 t/ha), Agat (3.72 t/ha) and Onix (3.81 t/ha) was significant passed the medium production (2.65 t/ha) realized in non-irrigated conditions of the variety soy bean take in study.

In 2006, compare with the media experience (the media production in non-irrigated conditions), varieties: Diamant (3.77 t/ha) and Onix (3.74 t/ha) were realize significant differences in positive way, passing the media production realize in not irrigated conditions (2.45 t/ha) with 1.32 t/ha and 1.29 t/ha.

![The production of soy bean variety, in 2005-2006](image.png)

REFERENCES