



RESEARCHES REGARDING THE EFFECT OF THE
MINERAL FERTILIZATION ON OIL AND PROTEIN
CONTENT OF THE OILFLAX SEEDS

(*Linum usitatissimum* L.)

CERCETARI PRIVIND EFECTUL FERTILIZARII MINERALE
ASUPRA CONTINUTULUI DE ULEI ȘI PROTEINE LA OILFLAX
SEEDS

(*Linum usitatissimum* L.)

NEȘTIAN I, AXINTE M - USAMV Iasi

MOCANU Veronica - UMF Iasi

STITT P. - Natural Ovens U.S.A.

ANTONESCU M.C. - USAMV Iasi

Four varieties of linseed (*Linum usitatissimum* L.) cultivated in Ezăreni Didactic Station, in 2002, namely Lirina, Olin, Raluca and Linott, have been fertilized with 0, 64 or 96 kg nitrogen/ha and 0, 48, 64 or 80 kg phosphorus/ha. The seed yield oscillated between 1117 and 2247 kg/ha. The highest protein content (22.8 %) was given by Raluca variety fertilized with N96P48 and the highest oil content (44.3%) has been given by Lirina variety when was not fertilized (N0P0). The protein content has increased with the increasing of the nitrogen doses, while the oil content was reduced by the nitrogen fertilizers.