



CERCETĂRI PRIVIND COMPATIBILITATEA UNOR
SPECII AGRICOLE ÎN SISTEMUL MIXT DE CULTURĂ,
ÎN CONDIȚIILE DE LA IAȘI
AGRICULTURAL RESEARCH ON COMPATIBILITY OF SPECIES IN
THE MIXED CULTURE IN TERMS OF IAȘI

Stela AXINTE, Alina AGAFIȚEI - Universitatea Tehnică "Gh. Asachi" Iași
Lorica AXINTE - Liceul Agricol "V. Adamachi" Iași
I. NEȘTIAN - USAMV Iași

In 2000 – 2003 years have been organized series of experiences with mixt crops, in different variants, for testing the compatibility of different species and the validity of mixt crops system, in Jassy's pedo-climate conditions. There have been tested combinations of two species (maize with soy-bean and chick-pea; sunflower with soy-bean and chick-pea; autumn barley with autumn rape and autumn vetch; spring barley with peas and lentil; autumn rye with autumn rape). At each combination were different proportions and number of alternative rows, nitrogen fertilizing. Were considered compatible species which have been realized, together, productions bigger with 15% than in their pure crops. There have been compatible all combinations, except rye with autumn rape. Compatibility has been described by higher values of production, function of the alternative between rows and nitrogen dose.