SUMMARY

Evaluation of selected species of legumes as components of mixtures with prairie grass

Key words: legumes, prairie grass, mixtures, evaluation

In 1994-1997, six mixtures of legumes with prairie grass and prairie grass in monoculture were tested in a field experiment. The mixtures and prairie grass were sown in two ways: as a seedling in spring barley and in "pure sowing". The high suitability of hybrid alfalfa as a component and of mixtures with prairie grass was demonstrated. In addition to alfalfa, red clover and alsike clover also proved to be good mixture components. It has been shown that the use of a mixture seedlings of legumes and prairie grass in barley makes it possible to obtain significant grain yields in the year of sowing and does not affect the yield of plants in years

of full utilisation. This was also justified in terms of the cost-effectiveness of such agrotechnology.