



Effect of organic rapeseed growing system on the yield formation

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Exact field experiments for determination of the effect of organic growing system on the winter rapeseed yield formation and reduction were carried out on the Experimental Station of Department of Plant Production of CULS Prague - Uhřetěves, which is certified for trials in organic farming. Statistically significant differences have been noticed for variants of trial exposed to organic technology compared to conventional technology. It was recorded that rapeseed varieties under organic cultivation created less than 50 – 60 % of buds than those cultivated conventionally. Plants in the technological trials created about 35 – 85 % lower number of buds (according to several technological inputs) in organic system compared to conventional control.