

DOES ZINC AND BORON HAVE AN INFLUENCE ON HIGHER YIELD OF PEARS (*Pyrus communis* L.)?

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ABSTRACT

The influence of foliar nutrition with zinc and boron on yield was studied at different pear (*Pyrus communis* L.) cultivars: 'Williams',
.....'Williams' for 30% higher on treated trees.

Key words: foliar application, number of flowers, ...

ALI CINK IN BOR VPLIVATA NA VEČJI PRIDELEK HRUŠK (*Pyrus communis* L.)?

POVZETEK

Proučevali smo vpliv foliarnega dodajanja bora (B) in cinka (Zn) na količino pridelka pri hruški (*Pyrus communis* L.) sort 'Viljamovka',
..... 'Viljamovka' za 30%.

Ključne besede: foliarna prehrana, število cvetov, ...

1. INTRODUCTION

The production of pear technology is very complex, therefore in this paper we focus only on pears,

The aim of this research was to analyze if the foliar application of Zn and B influences the number of flowers and yield in different pear cultivars.

2. MATERIALS AND METHODS

The experiment was set at.....
.....rodnosti posameznih sortah.

3. RESULTS AND DISCUSSION

The yield in all cultivars.....
..... fruit.

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Foliar application of Zn and Bhad a positive influence on the yield per tree, higher yield per hectare on all treatments of the cultivars 'Williams', 'Conference', and 'Abate fetel' (Figure 1).

4. ACKNOWLEDGMENTS

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4. LITERATURE

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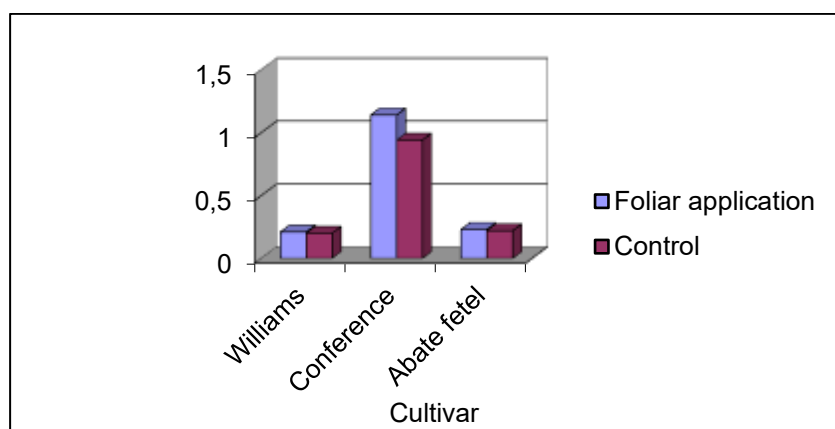


Figure 1: Koefficient rodnosti pri različnih sortah hrušk glede na obravnavanja; Bilje, 1999

Figure 1: Yield coefficient of different treatment at various pear cultivars; Bilje, 1999

Preglednica 1: Povprečni parametri plodov in topna suha snov v plodovih hrušk sorte 'Viljamovka' pri različnih obravnavanjih v letih 1997 in 1998

Table 1: Average fruit parameters and total soluble solids of 'Williams' pears in different treatments in years 1997 and 1998

Treatments	Diameter (mm)		Height (mm)		Weight (g)		Dry Matter (°Brix)	
	1997	1998	1997	1998	1997	1998	1997	1998
Control	61,2	69,9	83,5	83,8	145,8	187,8	12,6	12,6
Foliar application	59,3	69,7	78,3	87,3	131,5	202,3	13,1	13,1