

# AGROSTEMIN<sup>®</sup>



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*Cesumar , PARANÁ 2012*  
*Maringá University Centre*

**EFFECTS OF AGROSTEMIN® APPLICATION ON PAPRIKA**  
*( *Capsicum annuum* )*



The experiment was conducted in Cesumar (*Maringá University Centre*), State Parana – Brazil, in February 2012 .

## **EXPERIMENTAL METHOD**

The experiment was carried out in field conditions in two blocks (repetitions) on the plots 6 x 3 m in size for both treated and control fields. There were two variants of foliar treatment with **AGROSTEMIN®** ( **T1** i **T2** ), plus control ( **K** ).

"**T1**" – **AGROSTEMIN®**: 30g / ha, foliary, prior to blooming +  
+ 30g / ha, foliary, after the third picking +  
+ 100% of standard quantity of fertilizer

"**T2**" – **AGROSTEMIN®**: 30g / ha, foliary, in the stage of sixth leaf sprouting +  
+ 100% of standard quantity of fertilizer

"**C**" – **Control**: only 100% of standard quantity of fertilizer



“Field Days” event, organized on experimental plots on March 3, 2012, was attended by the students, manufacturers and other agricultural experts.

## View of experimental plot with paprika



## RESULTS

Variant picking	T1 ( kg/ha )			T2 ( kg/ha )			Control ( kg/ha )		
	ITERATION		average	ITERATION		average	ITERATION		average
	Block 1	Block 2		Block 1	Block 2		Block 1	Block 2	
first	22,917	16,250	19,583	17,667	20,250	18,958	13,750	14,583	14,166
second	14,667	14,500	14,583	13,917	14,833	14,375	11,667	11,250	11,458
third	15,833	13,333	14,583	14,167	15,000	14,583	15,000	8,333	11,666
fourth	8,333	8,333	8,333	14,167	22,500	18,333	13,333	17,500	15,416
<b>Total</b>	<b>61,750</b>	<b>52,416</b>	<b>57,083</b>	<b>59,918</b>	<b>72,583</b>	<b>66,250</b>	<b>53,750</b>	<b>51,666</b>	<b>52,708</b>
<b>AVERAGE</b>	<b>57,083.0</b>			<b>66,250.5</b>			<b>52,708.0</b>		

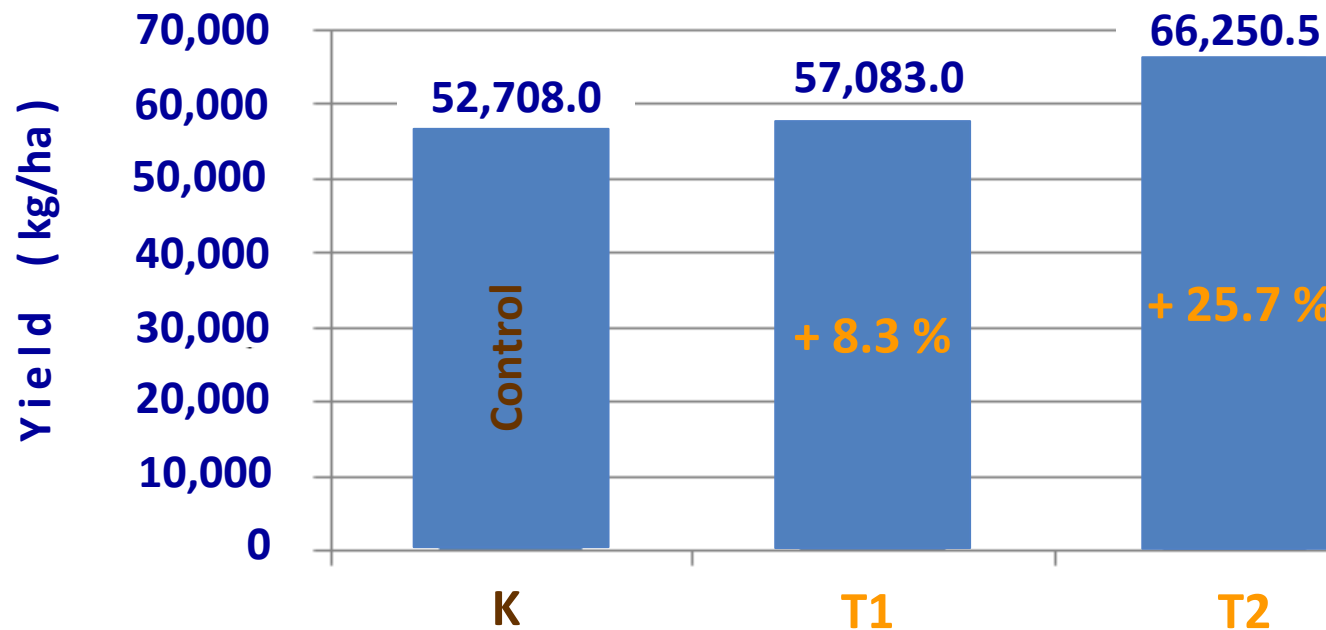
"T1" – 30g/ha **AGROSTEMIN**<sup>®</sup>, foliary, prior to blooming + 30g/ha + after the third picking +  
+ standard quantity of fertilizer

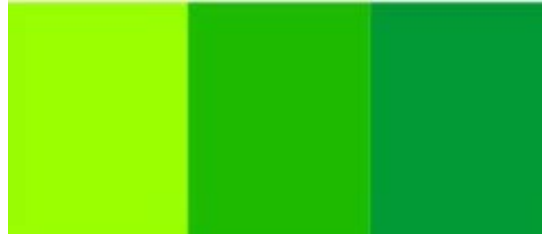
"T2" – 30g/ha **AGROSTEMIN**<sup>®</sup>, foliary, in the stage of sixth leaf sprouting + standard quantity of fertilizer

"C" – **Control**: only standard quantity of fertilizer

**Analysis of contribution of AGROSTEMIN® application**

Variant	Average yield ( kg/ha )	INCREASE	
		( kg/ha )	( % )
T 1	57,083.0	+4,375.0	+8.3 %
T2	66,250.5	+13,542.5	+25.7 %
Control	52,708.0		





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