

## CROP : LETTUCE - *BATAVIA*

Trial carried out in France in 2005

### SITE DETAILS

TRIAL N° :	D/F/LET/05/07	Crop information
45560 St DENIS EN VAL Center of France		Variety : Batavia Sowing date : 25/11/04 Transplanting date : 12/01/05 Cultivation method : plastic tunnel Irrigation : over head irrigation

### APPLICATION DETAILS

	Product	Dose rate	Date of spraying	Crop stage at application	Volume of water	Remarks
Application N°1	AMINOFIT.Xtra + Cosynol *	5 cc/l + 3 cc/l	17/03/05	6 to 10 leaves	1000 l/ha	End of the freezing period
Application N°2	AMINOFIT.Xtra + Cosynol *	5 cc/l + 3 cc/l	25/03/05	First application + 8 days	1000 l/ha	Favourable growing conditions
Application N°3	AMINOFIT.Xtra + Cosynol *	5 cc/l + 3 cc/l	04/04/05	Second application + 10 days	1000 l/ha	The treated plants look bigger

\* Cosynol = MgO 3% + B 1% + Co 0,6% + Mo 1% + Zn 1,15%

### MATERIALS AND METHODS

Plot size : 100 plants per plot  
Trial design : 6 repetitions  
Application method : Foliar spray  
Equipment used : Knapsack sprayer equipped with a boom  
Assessments : Throughout the season : record any visual effect on the plants  
At harvest : average weight measured on a 100 lettuces sample.

### DISCUSSION, CONCLUSION

Climatic conditions were very cold before the first application date. In order to help the plant in recovering from the frost stress, 3 applications were carried out at 8 to 10 days interval.  
Lettuce were harvested at two different dates.

The average weight of the lettuce is higher in plots treated with AMINOFIT.Xtra: from + 11 g to + 13 g per plant.

## RESULTS

Date of assessment	07/04/05		12/04/05	
Crop stage	First harvest date		Second harvest date	
Type of record	Average weight of one lettuce in g		Average weight of one lettuce in g	
		% control		% control
AMINOFIT.Xtra + Cosynol	430	-	462	-
Control	441	+ 2.5	475	+ 2.8

## GRAPH

**Average weight per lettuce (in g)**

