

## CROP : CHRYSANTHEMUM – *RASTA*

Trial carried out in 2001

### SITE DETAILS

TRIAL N° :	D/F/CHR/01/03	Crop information
34490 THEZAN LES BEZIERS South West of France		Variety : <b>Rasta</b> Planting date : 02/05/01 Cultivation method : grown in pots in open field Irrigation : drip irrigation and fertigation system

### APPLICATION DETAILS

	Product	Dose rate	Application date	Crop stage at application	Volume of the mixture	Remarks
Application N°1	AMINOFIT.Xtra	5 l/ha	15/05/01	First topping off	Till run off	AMINOFIT.Xtra applied alone
Application N°2	AMINOFIT.Xtra	5 l/ha	20/06/01	Second topping off	Till run off	AMINOFIT.Xtra applied alone
Application N°3	AMINOFIT.Xtra	5 l/ha	13/07/01	Third topping off	Till run off	AMINOFIT.Xtra applied alone
Application N°4	AMINOFIT.Xtra	5 l/ha	25/08/01	Bud flower formation	Till run off	AMINOFIT.Xtra applied alone

### MATERIALS AND METHODS

Plot size : 40 plants, (1 plant per pot)

Application method : Foliar spray

Equipment used : Back pack mist blower

Assessments : Throughout the season : record of any visual effect on the plants  
Leafs surface, numbers of flowers.

### COMMENTS CONCLUSION

The effects of AMINOFIT.Xtra are visible with the naked eye and consist out of a denser vegetation of the treated plants. The dimensions of the leaves confirm the visual observations, since a surface increase of 14 to 36 %, depending on the development stage, is reported. However, no effects have been observed on advancing the flowering stage.

## RESULTS

### Visual crop assessments

The treated plants look thicker with a greener foliage, making very good looking plants.

### Leaves measurements

Realization date	18/07/01 = 5 days after the 3 <sup>rd</sup> application			30/08/01 = 5 days after the 3 <sup>rd</sup> application			17/10/01
Crop stage	Third topping off			Bud flower formation			
Studied parameter	Length of the leaves at 1 <sup>er</sup> topping off	Width of the leaves at 1 <sup>er</sup> topping off	Length x width	Length of the leaves at 2 <sup>nd</sup> topping off	Width of the leaves at 2 <sup>nd</sup> topping off	Length x width	Number of buds on 10 cm <sup>2</sup>
AMINOFIT.Xtra	4,74 cm	3,76 cm	17,82	3,58 cm	2,02 cm	7,23	38,4
CONTROL	4,46 cm	2,93 cm	13,07	3,37 cm	1,88 cm	6,33	38,0
% increase / control	+ 6	+ 28	+ 36	+ 6	+ 7	+ 14	+ 1

### GRAPHIC SYNTHESIS

Surface of the leaves in centimetres

