

CROP : CHERRIES - *SUNBURST*

Trial carried out in France in 2002

SITE DETAILS

TRIAL N° :	D/F/CER/03/25	Crop information
81500 LAVAUR South West of France		variety : Sunburst Root stock : Edabriz Date of planting : 1992 Height of the trees : 3,2 m Irrigation : micro jets

APPLICATION DETAILS

Product	Application N°	Dose rate	Application date	Crop stage on application	Volume of the mixture	Remarks
AMINOFIT.Xtra	Application N°1	2,5 l/ha	04/04/03	Early flowering	200 l/ha	AMINOFIT.Xtra applied alone
	Application N°2	2,5 l/ha	28/04/03	Fruit setting, diameter = 1cm	200 l/ha	AMINOFIT.Xtra applied alone
	Application N°3	5 l/ha	20/05/03	Mid fruit swelling	200 l/ha	AMINOFIT.Xtra applied alone
	Application N°4	5 l/ha	27/05/03	9 days before harvest	200 l/ha	AMINOFIT.Xtra applied alone
Plant Growth Regulator P.G.R.	Application N°1	0,5 l/ha	04/05/03	Early fruit swelling	200 l/ha	P.G.R. = gibbérélines A4 + A7
	Application N°2	0,5 l/ha	20/05/03	Mid fruit swelling	200 l/ha	

MATERIALS AND METHODS

Plot size : 1 ha
Application method : Foliar spray
Equipment used : Tractor trailed mist-blower
Assessments : At harvest : fruit size, brix level.

COMMENTS CONCLUSION

average weight, sugar content and shelf life of the cherries.

A significant effect was observed in the bursting of the fruit with a reduction of about 70% compared to the control.

The comparison of the two products shows a better effect of AMINOFIT.Xtra on :

- ⇒ the fruits size : 95% of the fruits of the plot treated with AMINOFIT.Xtra are of calibre 30 against 57% in the P.G.R. plot,
- ⇒ the average weight of the fruits : + 2,4 grammes per fruit in the plot treated with AMINOFIT.Xtra,
- ⇒ the brix level : + 1,28 point in fruits treated with AMINOFIT.Xtra.

RESULTS

Crop stage	Maturity					
	% fruit of calibre 24	% fruit of calibre 26	% fruit of calibre 28	% fruit of calibre 30	Av. weight / cherries in gr	Refractometer index
AMINOFIT.Xtra	1	0	4	95	14.75	15.12
P.G.R.	1	3	39	57	12.35	13.84

GRAPHS

