

CROP : HOPS - *TARGET*

Trial carried out in 2002

SITE DETAILS

TRIAL N° :	D/F/HOU/02/24	Crop information
59270 METEREN North of France		variety : Target Date of planting : 1993 Density of plantation : 3300 plants/ha Crop height : 6,5 metres

APPLICATION DETAILS

	Product	Dose rate	Date of spraying	Crop stage at application	Volume of water	Remarks
Application N°1	AMINOFIT.Xtra	5 l/ha	04/07/02	Early flowering	1000 l/ha	Applied alone
Application N°2	AMINOFIT.Xtra	5 l/ha	08/08/02	Mid hops formation	1500 l/ha	Applied alone

MATERIALS AND METHODS

Study objective :	Evaluate the effects of AMINOFIT.Xtra on crop development and the quality of the hops
Plot size :	1,5 hectare
Application method :	Foliar spray
Equipment used :	Tractor mounted mist-blower
Assessments :	Throughout the season : record of any visual effect on the plants At harvest : yield and quality analysis

COMMENTS CONCLUSION

AMINOFIT.Xtra was applied twice at 5 litres per hectare on a variety whose Alpha acid contents are naturally high.

In the treated plots with AMINOFIT.Xtra, the yield of dry hops (at 10% dry matter) was 12% higher than that of the control plots. On top of that, the Alpha acid contents are increased by 14% with AMINOFIT.Xtra.

RESULTS

Visual crop assessments

No visual effect was seen on the foliage and hops, during the whole growing season.

Quality analysis

Date of assessment	10/09/02 = 33 days after last application			
Type of record	Weight of dry hops per hectare in kg	% dry matter of the hops	% Alpha acid of dried hops	Yield in kg Alpha acid per hectare
AMINOFIT.Xtra	2663	21.95	14.12	319.68
UNTREATED CONTROL	2377	22.10	13.80	278.96
% to the control	+ 12	- 0.7	+ 2.3	+ 14.6

GRAPHS

