

CROP : POTATO – *DAISY (SEED PRODUCTION)*

Trial carried out in France in 2005

SITE DETAILS

Trial location	Crop information
29224 HANVEC North West of France	Variety : Daisy Planting date : 10/05/2005 Chemical defoliation: 10/08/2005 Density of plantation : 64200 plants/ha Irrigation : No irrigation Fertilizers : 81 units N + 207 units P ₂ O ₅ + 270 units K ₂ O + 450 kg/ha 18-46 pre planting

APPLICATION DETAILS

	Product	Dose rate	Date of spraying	Crop stage at application	Volume of water	Remarks
Application N° 1	AMINOFIT.Xtra	5 l/ha	13/06/05	Early tuber formation	200 l/ha	Applied alone
Application N° 2	AMINOFIT.Xtra	5 l/ha	20/06/05	First application + 7 days	200 l/ha	Applied alone

MATERIALS AND METHODS

Trial design : Randomised block, 4 replicates. Assessments carried out on one row and 3 metres long
Application method : Foliar spray
Equipment used : Sprayer equipped with a boom

DISCUSSION, CONCLUSION

The crop was under stress from planting till end of June.
In the control plots, the average yield is very low compared to normal.
In plots treated with AMINOFIT.Xtra, the total yield of tubers is 1.4 % higher than that of the control plots, and the yield of marketable tubers is 4.5 % higher (+1.4 ton/ha).

RESULTS

Yield in kg/ha

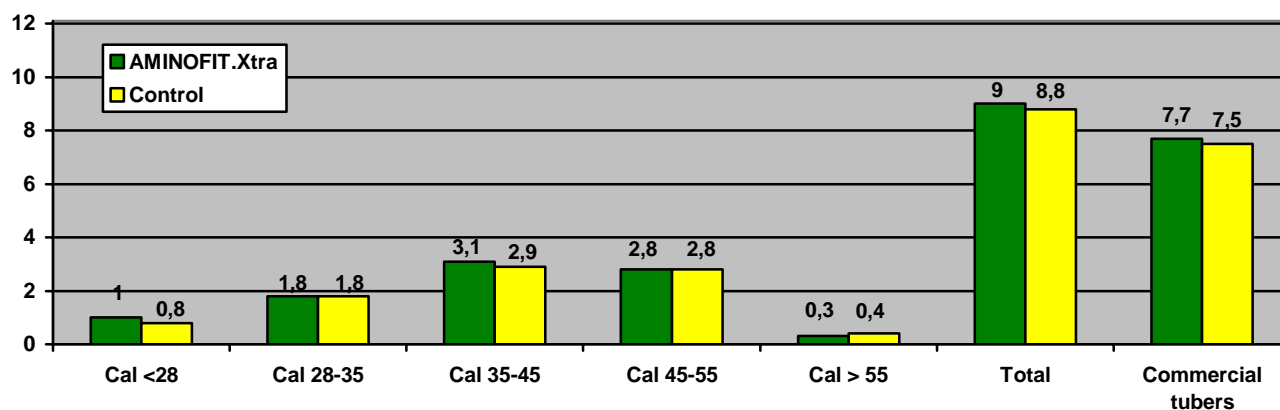
Type of record	Tubers calibre < 28 mm	Tubers calibre > 28 < 35 mm	Tubers calibre > 35 < 45 mm	Tubers calibre > 45 < 55 mm	Tubers calibre > 55 mm	Total all calibres	Yield of marketable tubers
AMINOFIT.Xtra	542	3043	10961	17834	3260	35640 (a)	31837 (a)
CONTROL	406	2927	9630	17918	4280	35161 (a)	30475 (a)
Gain / control (in g)	+ 136	+ 116	+ 1331	- 84	- 1020	+ 479	+ 1362

Remark : Marketable tubers are from calibre > 28 mm to < 55 mm.

Number of tubers per plant

Type of record	Number of tubers calibre < 28 mm	Number of tubers calibre > 28 < 35	Number of tubers calibre > 35 < 45	Number of tubers calibre > 45 < 55	Number of tubers calibre > 55	Total number of tubers all calibres	Number of marketable tubers
AMINOFIT.Xtra	1.0	1.8	3.1	2.8	0.3	9.0 (a)	7.7 (a)
CONTROL	0.8	1.8	2.9	2.8	0.4	8.8 (a)	7.5 (a)
Gain / control	+ 0.2	0.0	+ 0.2	0.0	- 0.1	+ 0.2	+ 0.2

Number of tubers per plant



Total yield and marketable yield (T/ha)

