

CROP : POTATO – *COLIBAN*

Trial carried out in Australia in 2004

SITE DETAILS

Location : South Australia	Variety : Coliban Soil type : Sand Irrigation : over head irrigation (pivot)
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MATERIALS AND METHODS

Application method : Foliar spray; 2,5 l/ha every 12 to 14 days

Equipment used : Farmers tractor mounted sprayer equipped with a boom

Sample size : 10 times 2 m linear measures

RESULTS

Average number of stems and tubers per plot

Date of assessment	Harvest				
Type of record	Number of stems	Number of small tubers	Number of medium tubers	Number of large tubers	Total number of tubers
AMINOFIT.Xtra	34.8	19.0	51.1	3.0	70.4
UNTREATED CONTROL	31.4	28.7	40.8	4.0	69.9
% to the control	+ 10.8	- 33.7	+ 25.2	+ 25.0	+ 0.7

Average weight of tubers per plot in kg

Date of assessment	Harvest			
Type of record	Weight of small tubers	Weight of medium tubers	Weight of large tubers	Total weight of tubers
AMINOFIT.Xtra	1.2	8.6	0.2	9.9
UNTREATED CONTROL	1.9	7.0	0.2	9.1
% to the control	- 36.8	+ 22.8	0.0	+ 8.8

DISCUSSION, CONCLUSION

AMINOFIT.Xtra applied every 12 to 14 days

Increases significantly the total weight of potatoes,

Reduces significantly the number and weight of small potatoes,

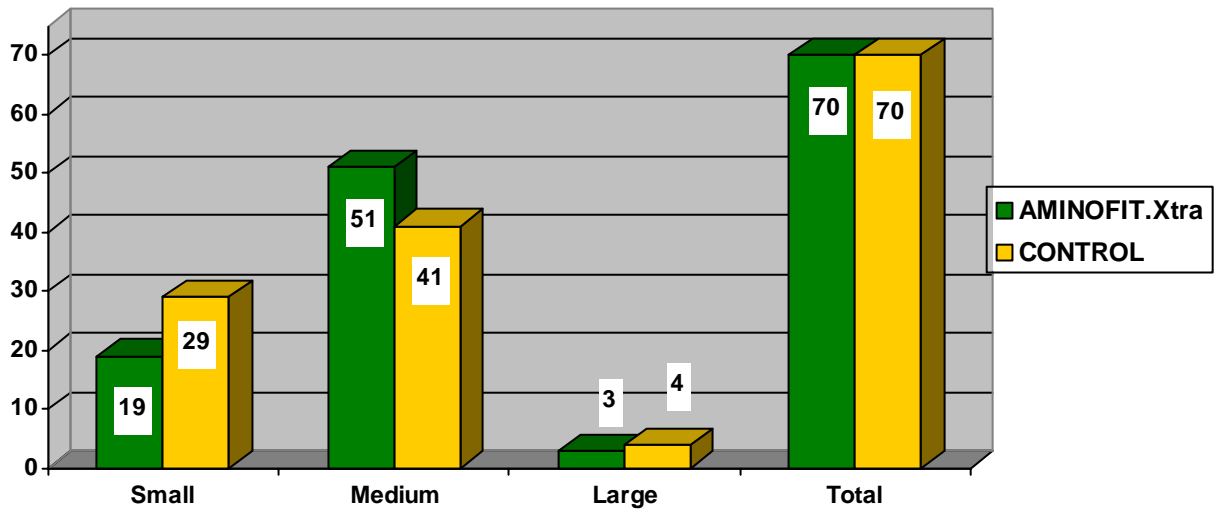
Increases significantly the number and weight of medium potatoes.

No significant change was recorded in total number of potatoes.

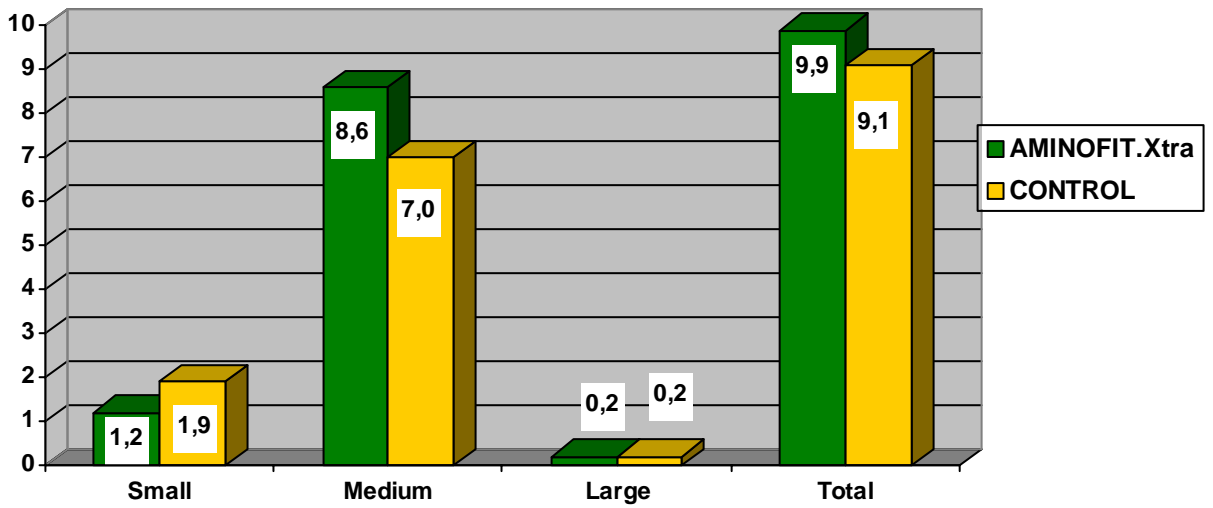
AMINOFIT.Xtra Increases significantly the net income per hectare

GRAPHS

Number of tubers per plot



Weight of tubers per plot in kg



% tuber per size (calculated from the weight)

