

## Potato 2010 Field trial

### Location

Farmer	Claude Brodin		
Address	rue des Poteries, La Croix, 28190 Vérigny		
phone		Mail	

### Plot

Name	Poteries	Surface (ha)	
		Soil texture	Silt loam

### Previous crops

	Intermediate crop	crop
N -1 :	none	leaks
N -2	none	letuce

### Organic fertiliser (manure, slurry...)

year	Type	Quantity (kg/ha)
N-1	none	
N-2	none	
Soil preparation	No-till	

### Crop management

date	product	U/ha
<b>Intermediate crop</b>		
<b>seeds</b>		
12/04/10	Elodie	
<b>fertiliser</b>		
16/03/10	potash	
<b>herbicides</b>		
	manual	
<b>fungicides</b>		
	none	
<b>insecticides</b>		
	none	
<b>shortner</b>		



	none	
--	------	--

### Herbagreen applications

Date	Dose (kg/ha)	Notation
21/04/10	2	
15/05/10	2	

### Harvest

Date	15/07/2010		
------	------------	--	--

### Results

	Control	2 applications
<b>Yield (g/3 plants)</b>	<b>2549</b>	<b>4154</b>
Tuber number	31	29
Mean weight/tuber(g)	82	143
Treated-control (g)		+ 1605
Treated-control (%)		+ 63

### Comments

Treated plots (2 Herbagreen applications) showed quickly leaf color changes in dark green with probably chlorophyll content enhancement. Vegetative growth was also healthier and more important.

At harvest, 3 plants were measured. Yield was 2549 g in control and 4154 g in treated plants. The number of tubers was close but the mean weight of tuber was far higher in treated plants (143 g) than in control (82g). Moreover the tuber size was more homogeneous.

Herbagreen treatments induced strong yield enhancement (+ 63%) more homogenized tuber size and healthier plants and tubers.



