



Note from TLC Products: NovaQ is the authorized distributor of ACF-SR in Ireland and a coordinator for all sales throughout the EU.

Potato Trial (Rooster)

Potato Services, Tullamore
2019

5% to 25% Increases in Yield, on two different plots, using 2 gallons per acre of ACF-SR compared to control plots with no ACF-SR use.



Start

- 12 June 2019
- Very Dry Soil
- Pre-emergence
- Planted late
- Field on split level
- 6 full drills (3 pairs)
- Hand applied
- 1 gal ACF SR per acre





Mid July



- Both treated and untreated progressing well.
- No obvious differences.
- Repeated dose 1 gal per acre
- Note: Photo taken on very windy day!



Test Dig December 2019

- Evenly measured by spade length
- Matching sets of 3 plants
- Treated and Control
- Both high Ground and low ground
- Control always at least 4 drills away and away from headlands





Untreated Lower Ground

- 7.3kg total dig
- >70mm – 1.75kg
- <40mm – 0.5kg
- 42 tubers

- Estimate 23.4t Yield

- Some common scab evident on third of tubers



NOVA Q ACF-SR Treated Lower Ground



- 7.65kg total dig
- >70mm – 0.5kg
- <40mm – 0kg
- 42 tubers

- Estimate 24.5 to yield

- Some common scab evident on half crop



Untreated Higher Ground

- 6.7kg total dig
- >70mm – 0.95kg
- <40mm – 0.25kg
- 35 tubers

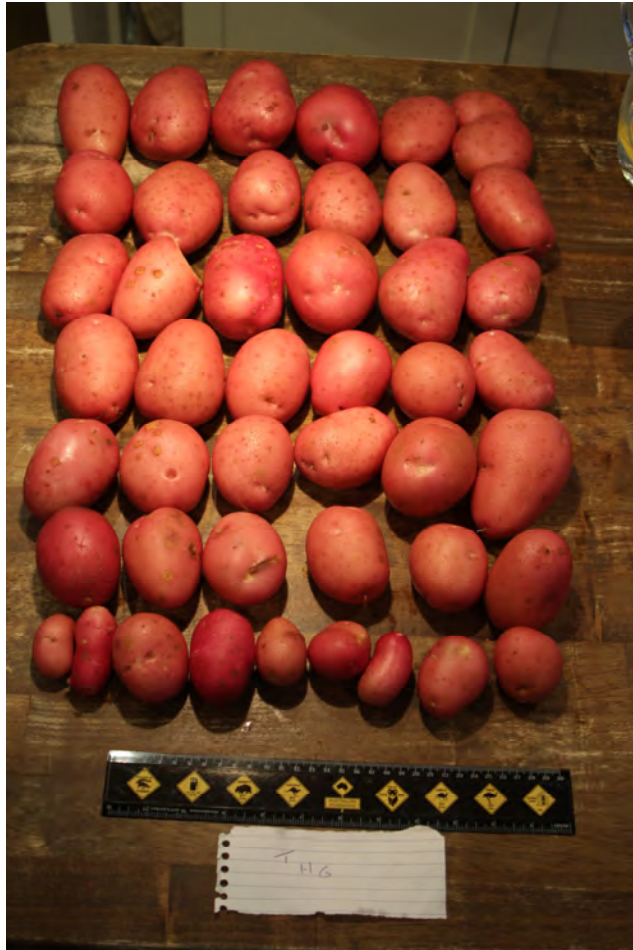
- Estimate 21.5t Yield

- Good skin finish, very little scab.





ACF-SR Treated Higher Ground



- 8.45kg total dig
- >70mm – 1.1kg
- <40mm – 0.25kg
- 45 tubers

- Estimate 27t Yield

- Good skin finish, very little scab



Trial Summary

Plot	Tuber Count	<40mm Kg	>40<70mm kg	>70mm kg	Total kg	Est Yield t/acre
Untreated (low land)	42	0.5	5.05	1.75	7.3	23.4
Treated (low land)	42	0	7.05	0.5	7.65	24.5
Variance	0%	-100%	+40%	-71%	+5%	+5%
Untreated (High land)	35	0.25	5.5	0.95	6.7	21.5
Treated (High land)	45	0.25	7.1	1.1	8.45	27
Variance	+29%	0%	+29%	+16%	+26%	+26%