

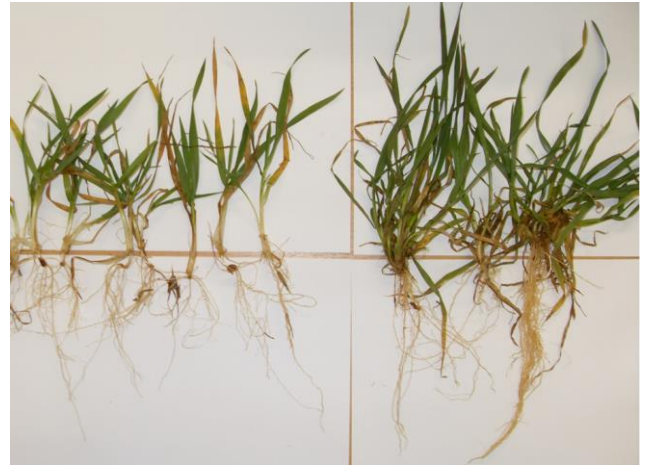
Crop Rooter[®]-P

HIGHLY CONCENTRATED FOLIAR FEED TO PROMOTE ROOT DEVELOPMENT AND CROP HEALTH

The unique formulation of Crop Rooter[®]-P combines mobile forms of Phosphorus with Nitrogen and Potassium, all essential macronutrients for healthy crop development.

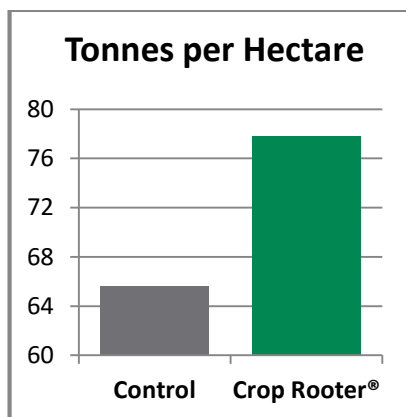
Timed foliar applications of **Crop Rooter[®]-P** ensure effective crop uptake of nutrients leading to improved root and shoot development even when soil reserves may be less accessible due to an initial poor root system or cold, wet cloddy soils hampering nutrient availability.

Crop Rooter[®]-P is a new generation foliar NPK solution based on the highly mobile form of Phosphorus known as Phosphite (PO_3^-). This molecule is able to move through the major transport routes of the plant (the xylem and phloem) far more quickly than conventional Phosphate fertiliser and at the same time help uptake of the available nutrients.

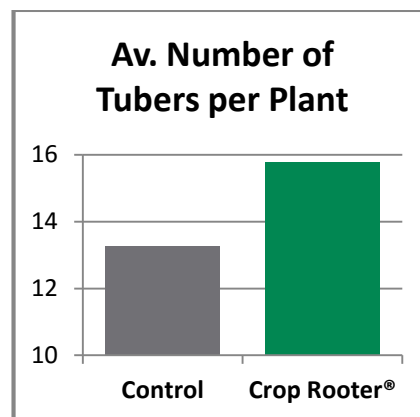


Effects of phosphite on root developments. (Nijinsky Winter Wheat)

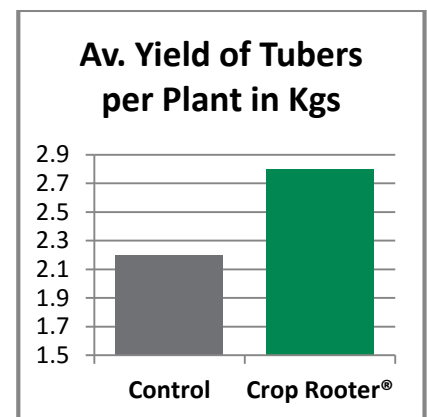
**Independent trials confirm the benefits of Crop Rooter[®]-P
Potatoes var. Melody - Yield Analysis:**



Yield increased by 19% per hectare



No of Tubers per plant increased by 20%



Yield of Tubers per plant increased by more than 25%

Seedbed Phosphorous applied 50% of standard rate in all treatments including control.

Crop Rooter[®]-P: 1 l/ha at Tuber initiation & at Tuber Bulking = 2 l/ha Total Product applied

Trial carried out by Velcourt Farms, Kent 2010



ANALYSIS:

Nitrogen (ureic N)	5.0% w/v	
Phosphorus Pentoxide (P ₂ O ₅)	32.0% w/v	(14.0% P)
Potassium Oxide (K ₂ O)	10.0% w/v	(8.3% K)

Application Rates & Timings

CEREALS : Apply @ 1.0 - 1.5 l/ha from Zadoks G.S. 16-23.
Repeat at G.S. 30-33 and G.S. 39-45

OILSEED RAPE : Apply @ 1.0 - 1.5 l/ha from 6-8 true leaves.
Repeat just prior to and during rapid growth.

POTATOES : Apply @ 1.0 - 2.0 l/ha at the start of tuber bulking.
Repeat @ 2.0 l/ha during tuber bulking.

Crop Rooter®-P is recommended for application at water rates of 200 - 600 l/ha.

Crop Rooter®-P demonstrates high efficacy and therefore a total application of 4.0 l/ha per crop should not be exceeded.

**Pack Sizes:
2 x 10L boxed and 1000L IBC**

This product is physically compatible with a wide range of tank-mix partners. Check compatibility prior to adding to the spray tank. Consult your local advisor or Ilex EnviroSciences for specific recommendations. Do not apply in strong sunlight. Efficacy may be affected by crop health, growth stage and weather conditions. Ilex EnviroSciences accepts no liability for damage to treated crops.