



Pink Rot Control in Potatoes

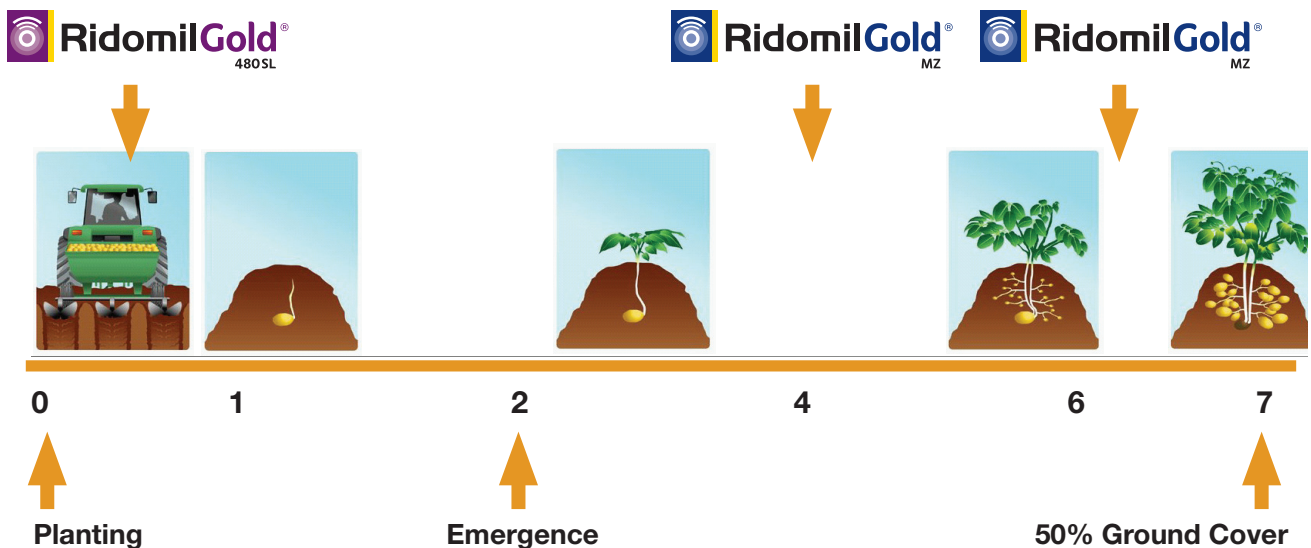
RIDOMIL GOLD® 480SL, the only liquid formulation registered for in-furrow control of Pink Rot (*Phytophthora erythroseptica*) and in combination with AMISTAR® 250 SC in-furrow now also offers a convenient one pass control of Black Scurf (*Rhizoctonia solani*) and suppression of Silver Scurf (*Helminthosporium solani*) in potatoes.

As a result of industry consultation and a formulation change to our RIDOMIL liquid product, Syngenta now offers potato growers a liquid in-furrow solution for the control of Pink Rot (*Phytophthora erythroseptica*) in potatoes.

This new improved formulation provides growers with the convenience of low application rates and logistics benefits, compared to granular products (approx. 1.0L/ha vs. 20kg/ha), as well as excellent compatibility and crop safety when mixed with AMISTAR® 250SC in-furrow.

To ensure the best results when treating pink rot you should apply a RIDOMIL GOLD 480SL application at planting to paddocks with a history of Pink Rot, using the following directions:

- Apply RIDOMIL GOLD 480SL at a rate of 8.5mL/100m of row. (RIDOMIL GOLD 480SL is compatible with AMISTAR 250SC and can be applied using an AMISTAR in-furrow application set up).
- Apply once as an in-furrow spray.
- Apply in 1 – 3L of water per 100m of row.
- Follow-up with two applications of RIDOMIL GOLD® MZ at 14 day intervals, commencing 4-6 weeks after planting. The foliar applications of RIDOMIL GOLD MZ will top up the levels of Metalaxyl-M in the plant and soil.



Pink Rot is a soil borne disease and the aim of the follow up RIDOMIL GOLD MZ applications should be to target applying most of the fungicide on to the soil so that it can be moved into the soil profile with moisture, to offer further protection against Pink Rot.

The picture on right indicates the best timing for follow up applications of RIDOMIL GOLD MZ.



AMISTAR 250 SC plus RIDOMIL 480 SL - the ultimate in-furrow combination

The Syngenta In-Furrow (IF) nozzles have been specifically designed for use with AMISTAR 250SC as an in-furrow application and are as equally suited for use with RIDOMIL GOLD 480SL when applying in-furrow.

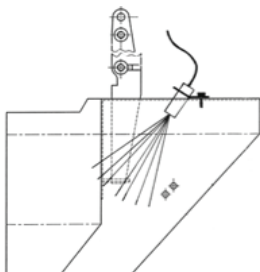
The Syngenta in-furrow nozzle comes in a pack of two nozzles, for the best results the nozzles should be fitted to the potato planter in the following way:



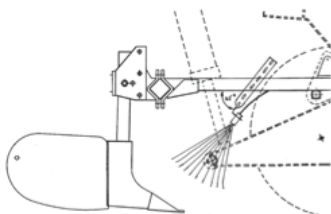
Front Nozzle

Rear Nozzle

Operators must fit the longer 20° angle nozzle to the front of the potato planter, to spray in to the furrow as it is opened up, preferably before the potato is dropped in to the furrow.



The picture above indicate the best suited positioning for the front nozzle set up on a potato planter.



The shorter 70° angle nozzle should be fitted to the rear of the potato planter to spray as much soil as possible just as the mould is being formed.

NB: DO NOT fit nozzle filters to the nozzles

AMISTAR 250 SC + RIDOMIL 480 SL in-furrow rates and calibration

5-10mL AMISTAR 250SC per 100 m of row

8.5mL RIDOMIL 480SL per 100m of row

Rate per hectare – working example:

Planter row spacings: 0.90m

Number of rows per hectare: $100\text{m} \div 0.85\text{m} = 118$

Chosen AMISTAR rate: 10 mL/100 m of row

Therefore, rate per hectare: $10\text{ mL} \times 118 = 1.18\text{L}$ per hectare AMISTAR 250 SC + 1.0L per hectare RIDOMIL 480 SL.

Water rates may vary between 70-120L/ha. Be mindful the volume of water does not wash seed-piece treatments, such as MAXIM® 100FS, from the seed.

Benefits

- Low application rate (approx. 1.0L/ha v 20kg/ha) and less bulk to transport or store when compared to granules.
- Convenient liquid formulation for in-furrow use.
- Excellent crop safety of an SL formulation.
- Compatible with AMISTAR 250SC for one pass control of Black Scurf (*Rhizoctonia solani*), Pink Rot (*Phytophthora erythroseptica*) and suppression of Silver Scurf (*Helminthosporium solani*).

For further information please call the Syngenta Technical Product Advice Line on 1800 067 108 or visit our website at www.syngenta.com.au

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