

# SEED DRESSINGS 2009

## Standard

- **Mesuroi** insecticide ai methiocarb. Low level insecticide to reduce plant loss from frit fly and other soil borne pests.
- **Maxim or Thiram** fungicide to protect against damping off and seedling blight.
- **Opticoat ZM** providing essential plant trace elements zinc and manganese to improve early plant growth.

## Enhanced seed dressings

**Poncho** can be combined with Mesuroi to give enhanced frit fly control and where bird attack is expected.

In the absence of pests Poncho produces the largest yield response + 9%. (+4.5t/ha or 1.8t/acre fresh yields) in MGA trials.

## Enhanced seed dressing essential when maize is following grass or long term set aside

Soil borne pests such as wireworms, leatherjackets and frit fly can have a significant affect on plant numbers established in all crops, but in a precision sown crop like maize it becomes very clear as patches of weak and dying plants in the field where pest numbers are high. Enhanced seed dressings allow targeted insecticide application from date of drilling.

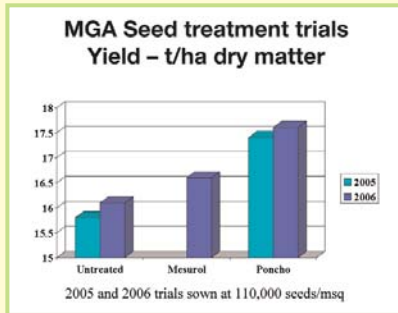


Grainseed Ltd.

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## Where wireworm are present more plants are established.

Plant numbers are increased by 35% in crops where severe attack occurs. Attack often occurs in defined areas resulting in very low plant populations.



## Even in the absence of pest increase in yields is 9%

Extra yield from Poncho treated seed more than offsets the cost of enhanced insecticide. Chemical label states control of wireworm, frit fly and symphylids.

Control of other soil borne pests such as leatherjackets, aphids (virus's), leaf hoppers, slugs, corn rootworm and cutworm will all help increase numbers of plants established, plant vigour and plant growth all giving an additive value to final yield.

## Poncho increases dry matter accumulation.

Work in 2008 indicates that Poncho dressed seed increases dry matter content by 1-2% across a range of sites. Grain maturity also seemed to be more advanced with more grain sites being filled and more starch laid down in individual grains. Work continues in 2009 to further evaluate this benefit.

## Poncho protection from wireworm – relative crop stand

