

# SEED DRESSINGS



**Coming out of long term grass or setaside?**



**Have you suffered pest attack in previous years?**



**Want to increase Vigour?**



**You need Mesurol + Poncho treated seed**

## **Enhanced seed dressings**

**Mesurol + Poncho** must be used where insect pest and 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 where pest numbers are high as patches of weak and dying plants occur. Enhanced seed dressings allow targeted insecticide application from date of drilling.



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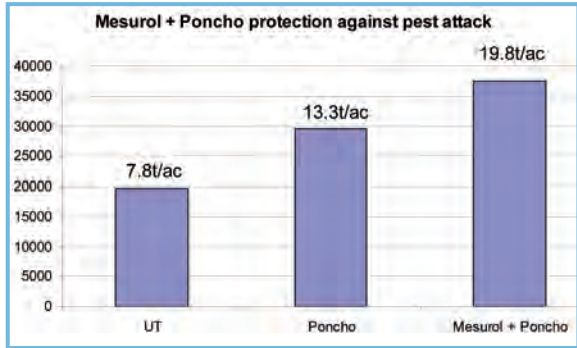
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## Where wireworms are present more plants are established

In wireworm infested land untreated seed only produced a 52% plant stand with losses to both wireworm and birds. This reduced final yields to only 7.8t/ac (39%).

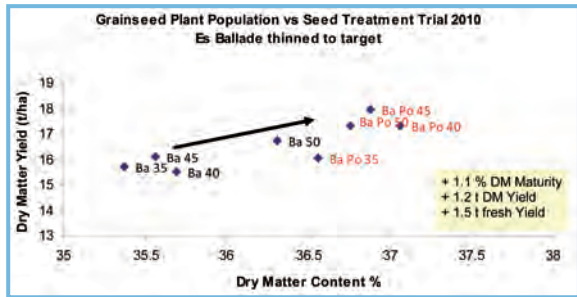
Drilling seed treated with Poncho alone increased the number of plants established but losses still occurred due to bird attack. Final yields were 67% of Mesuro + Poncho treated seed.

Growers should always ensure Mesuro is applied to seed and then use Mesuro + Poncho where wireworm attack is likely following set aside or long term grass.



## Mesuro + Poncho has a major benefit to maize crops even in absence of pest attack

Poncho increases dry matter yield by 1.2 t/DM/ha from a combination of extra fresh yield and increased dry matter. Since 1 tonne dry matter is worth £100/t this extra performance more than pays for the cost of enhanced seed dressing.



### Dry Matter %

Pop /acre	Ballade Mesuro	Ballade Poncho	Poncho adv %DM
50	36.3	36.8	0.45
45	35.6	36.9	1.32
40	35.7	37.1	1.37
35	35.4	36.6	1.19
Mean	35.7	36.8	1.08

### Dry Matter Yield t/ha

Ballade None	Ballade Poncho	Poncho adv t/ha	% Mes
16.8	17.3	0.59	104
16.1	18.0	1.86	112
15.5	17.3	1.81	112
15.7	16.1	0.37	102
16.0	17.2	1.16	107.2

The highest benefit of Mesuro + Poncho is gained at 45,000 and 40,000 seeds/acre. At higher plant populations cob content is less and consequently benefits are smaller. At low populations plant numbers are impacting total yields.



Mesuro + Poncho

Mesuro



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