

Understanding Your Corn Seed Treatment

Seed treatments are used in corn to help manage against early season pests and diseases. The use of a seed treatment can maximize plant stand, vigor and yield of your crop.



Pioneer® brand corn seed comes treated with a seed treatment to protect your investment.

Western Canada Standard Corn Seed Treatment (Mid-Rate)

Fungicides	Fungicide	Insecticide
Fludioxonil Metalaxyl Azoxystrobin Thiabendazole (Maxim® Quattro)	Tebuconazole (Raxil®)	Thiamethoxam (Cruiser®)

Insect Pests Controlled:

- Wireworm
- Seedcorn maggot
- White grub (European chafer)
- Flea beetle (corn)

Target Diseases (applies to both mid-rate and high-rate):

Seed and soil borne diseases of:

- *Pythium*
- *Rhizoctonia*
- *Fusarium*
- Head smut (Raxil fungicide component)



Wireworms



Pythium

Seed Treatment Notes:

Raxil fungicide is part of the standard mid-rate treatment on corn products that are less than 80 CRM. Select corn products are available with the high rate treatment, or without any insecticide component if requested.

What are your other seed treatment options?

The following seed treatment options are also available on Pioneer brand corn products:

- High rate insecticide + nematicide seed treatment on select products
- Fungicide-only seed treatment on select products

For both of these options, the fungicide component and diseases targeted does not change from the standard mid-rate treatment.

When would I want to use high rate insecticide?

Poncho® 1250 + VOTiVO™ FST/IST/NST includes a 1250* rate of Poncho insecticide (clothianidin), which provides suppression of black cutworm, as well as protection from corn rootworm at low pressure levels. It will also provides enhanced control of wireworm and white grub (European chafer) in fields where pressure is known to be very high. In addition, this treatment contains a nematicide (VOTiVO) that will provide suppression of nematodes.

High-Rate Insecticide Treatment

Fungicides	Nematicide	Insecticide
Fludioxonil Metalaxyl Azoxystrobin Thiabendazole (Maxim Quattro)	<i>Bacillus firmus</i> (VOTiVO)	Clothianidin (Poncho)

Insect Pests Controlled:

- Wireworm
- Black cutworm
- Seedcorn maggot
- White grub (European chafer)
- Flea beetle (corn)

Suppression of Nematodes:

- Needle
- Root lesion
- Root knot



White Grub



Nematode damage to corn root

* Poncho 1250 is the 1.25 mg AI/kernel application rate of Poncho 600. Poncho 1250 + VOTiVO is a blend of Poncho/VOTiVO and Poncho 600.

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