



LumiGEN™ technologies is an industry-leading seed applied technology portfolio designed to help farmers establish healthy, uniform crops and maximize productivity.



2018-19 CORN SEED TREATMENT OFFERINGS

OFFERINGS: TO BE DETERMINED BY EACH MULTI-CHANNEL SEEDS BRAND

FUNGICIDE SEED TREATMENT

Ingredients

Maxim® Quattro

- *Pythium*
- Rhizoctonia
- Fusarium

Ethaboxam

- *Pythium*

Ipconazole (Replaces Raxil®)

- Rhizoctonia
- Fusarium
- Head smut

Product features and attributes

Ethaboxam

- In combination with other corn fungicides, offers greater yield potential through improved *Pythium* disease protection

Ipconazole

- Improves yield results
- Provides protection against Rhizoctonia, Fusarium and head smut

Differential yield advantages

Ethaboxam
+1.9 bu/A

50 replicated research locations
2013-2015 Standard FST/IST with ethaboxam vs. without.

Ipconazole
+0.5 bu/A

41 replicated research locations
2016-2017 Standard FST/IST with ipconazole vs. tebuconazole.

BIOLOGICAL

Ingredients

PPCT2012 (red)

PPCT2013 (purple)

Exclusive to Corteva Agriscience™, Agriculture Division of DowDuPont seed brands

Product features and attributes

- Provides an enhanced root environment allowing increased root mass and nutrient uptake

Differential yield advantages

PPCT 2012
+1.9 bu/A

29 replicated research locations
2017 Standard FST/IST with PPCT2012 vs. without.

INSECTICIDE SEED TREATMENT AND INSECTICIDE/NEMATICIDE SEED TREATMENT

Ingredients

PONCHO® 500 + VOTiVO®

- Soil insect pests
- Corn nematodes

-or-

PONCHO® 1250 + VOTiVO®

- Soil insect pests including corn rootworm
- Corn nematodes

Product features and attributes

PONCHO® 500 + VOTiVO®

- Protects against common corn nematodes — lesion, lance, stubby-root, dagger, ring, spiral, stunt, sting, needle, root-knot

PONCHO® 1250 + VOTiVO®

- Improves yield potential by protecting plants against nematodes and various insects, including corn rootworm

Differential yield advantages

PONCHO® 1250 + VOTiVO®
+2.4 bu/A

119 replicated research locations
2016-2017 Standard FST with Poncho 1250 + VOTiVO vs. standard FST/IST.



Agriculture Division of DowDuPont