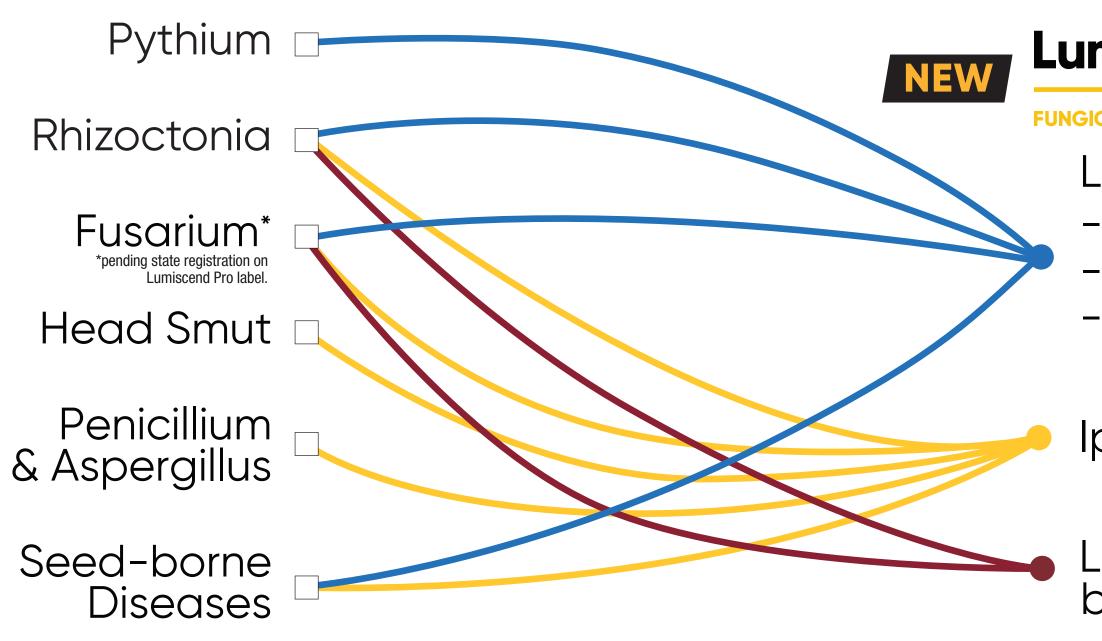




Enhanced disease protection with multiple modes of action



Lumialza

NEMATICIDE SEED TREATMENT

- Expanding Bio-barrier **shields roots**
- 80+ days of root growth protection
- Activity against all key nematode species
- Yield improvement of 3.7 bu/a under low nematode pressure & 9.0 bu/a when under heavy nematode pressure²

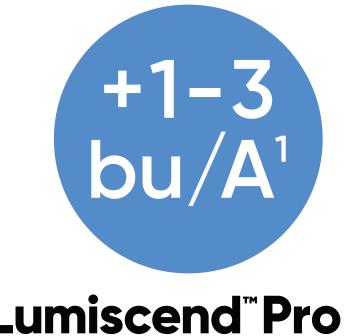


Lumiscend[®] Pro

FUNGICIDE SEED TREATMEN ¹ 2020-2022 Corteva research trials in 80 locations The information descried in the characterization chart is based on a review of product labels. These comparisons include one rate. Additional seed treatment options are available with all brands compared.



Pioneer® brand Corn -Seed Treatment Portfolio



- FUNGICIDE SEED TREATMENT
 - Lumiscend[™] Pro
 - Ethaboxam
 - Inpyrfluxam
 - Metalaxyl

Ipconazole

-2012 R biofungicide



Bio-barrier

referenced herein

LumiGEN[®] insecticide seed treatment packages on Pioneer[®] brand corn is the broadest spectrum protection in the industry.

Insecticide Seed Treatments Characterization

Pest	Premium Package Lumialza™ bio-nematicide Lumivia™ 250 Lumisure® 250	Enhanced CRW Package Lumialza [™] bio-nematicide Lumisure® 1250	Bayer Option Poncho® Votivo® 500	Regional Seed Co. Option Cruiser® 250
Corn Nematodes	+++	+++	++	—
Wireworm	+++	++++	+++	++
Cutworm	++++	++	+1	+1
Fall Armyworm	++++	_	_	_
Seedcorn Maggot	+++	+++	+++	++
White Grub	+++	++++	+++	++
Grape Colaspis	+++	+++	++	++
Billbug	++	+++	_	_
Flea Beetle	++	+++	++	++
Corn Rootworm	_	++	_	_
	LumiGEN			

- No control

¹ labeled for control

+ Feeding reduction ++ Average protection +++ Above average protection ++++ Excellent protection

² Lumialza[®] nematicide seed treatment vs. non-nematicide seed treatment utilizing the same insecticide and fungicide recipe in seed applied technology replicated and strip trial data. Yields ranged from 3 to 9 bu/a depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations. One or more of these products may not be registered for sale or use in all states. Contact your state pesticide regulatory agency purchase documents to determine if a product is registered for sale or use in your state. Always read and follow label directions. The information

presented here is not an offer for sale. This presentation is not intended as a substitute for the product label for the product(s)

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Seed Treatments

