

LUMIGEN® SEED TREATMENTS

For Pioneer® Brand Corn

PREMIUM PACKAGE

LumiGEN® seed treatments protect our elite genetics from early-season disease, insects and nematodes to help maximize yield potential.

- The fungicide seed treatment is the most robust available in the industry with **seven modes of action** through ethaboxam, ipconazole, L-2012 R biofungicide, fludioxonil, mefenoxam, azoxystrobin and thiabendazole. These actives provide enhanced protection against Pythium and other resistant species.
- Lumialza™ nematicide seed treatment shields roots with an expanding bio-barrier protecting corn from yield-robbing nematodes for more than 80 days while cooperating with beneficial microorganisms.

PROTECTION

Diseases:	Insects:	Nematodes:
Pythium	Wireworm	Sting
Fusarium	White grub	Needle
Rhizoctonia	Black cutworm	Lance
Penicillium	Fall armyworm	Stubby-root
Aspergillus	Seed corn maggot	Root-knot
Seedborne disease	Billbug	Dagger
	And more...	Lesion

ENHANCED CORN ROOTWORM PACKAGE

Brings the same disease and nematode protection as our Premium Package above with Lumisure 1250 to provide enhanced yield protection against corn rootworm.

PROTECTION	Insects:	
	Corn Rootworm	Seed corn maggot
	Wireworm	Bill bug
	White grub	And more...
	Black cutworm	

PREMIUM PACKAGE
CORN ROOTWORM PACKAGE

FUNGICIDE SEED TREATMENT

Ipconazole	✓	✓
Ethaboxom	✓	✓
L-2012 R biofungicide	✓	✓
Maxim® Quattro (fludioxonil, mefenoxam, azoxystrobin, thiabendazole)	✓	✓

INSECTICIDE/NEMATOCIDE SEED TREATMENT

Lumivia® 250	✓	
Lumisure™ 250	✓	
Lumialza™ nematicide	✓	✓
Lumisure™ 1250		✓

Lumialza Advantage over FST/IST

9.0 bu/a YIELD ADVANTAGE¹ — In high nematode pressure

3.7 bu/a YIELD ADVANTAGE¹ — In low nematode pressure

- Shields against harmful nematodes while cooperating with beneficial soil organisms
- 80+ days of root growth protection

For Pioneer® Brand Soybeans

PREMIUM PACKAGE

Our powerful combination of 6 different modes of action enhanced by Lumisena® fungicide seed treatment leads the industry in yield protection against early-season diseases.

- Lumisena offers best in class protection against the number one early-season disease in soybeans, Phytophthora.
- Multiple modes of action against Pythium, Rhizoctonia, Fusarium and Phomopsis with EverGol® Energy fungicide and L-2030 G biofungicide helps maximize yield with healthy uniform stand establishment.

PROTECTION	Diseases:	Phytophthora	Rhizoctonia
	Pythium		Phomopsis
	Fusarium		

INSECTICIDE PACKAGE

Broader than "FST alone" for pest protection, including early season insects

PROTECTION	Insects:
	Bean leaf beetle
	Early season aphid
	Seed corn maggot

NEW: Lumiderm™ Insecticide Seed Treatment

- Another novel mode of action on bean leaf beetles, seed corn maggot and aphids

OPTION TO ADD TO ANY PACKAGE

ADD ILEVO® FUNGICIDE/NEMATOCIDE SEED TREATMENT

Two rates of extra protection for fields at risk to soybean cyst nematode (SCN) and sudden death syndrome (SDS)

- at lower rate – protection against SCN
- at higher rate – protection against SCN and SDS



PREMIUM PACKAGE
INSECTICIDE PACKAGE

FUNGICIDE SEED TREATMENT

Lumisena®	✓	
EverGol® Energy (metalaxyl, penflufen, prothioconazole)	✓	
L-2030 G biofungicide	✓	

INSECTICIDE SEED TREATMENT

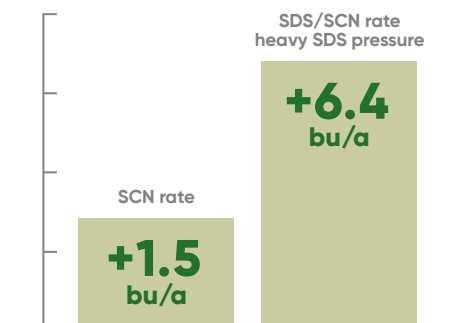
Gaucho®		✓
Lumiderm™		✓

Lumisena Advantage over FST/IST
Best-in-class protection against Phytophthora

4.0 bu/a YIELD ADVANTAGE² — In high stress environments vs. high rate metalaxyl

1.0 bu/a YIELD ADVANTAGE² — Benefit across the farm vs. high rate metalaxyl

ILEVO fungicide/nematicide³



¹ 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.

² Data is based on 638 head-to-head comparisons between Lumisena fungicide seed treatment (0.568 fl oz/cwt) and metalaxyl (0.75 fl oz/cwt) in the top 10 soybean-producing states through Dec. 12, 2017, and subsequent replicated trials in 2018, 2019 and 2020. Comparisons were made utilizing the same soybean variety. DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION.

³ Data is based on average of comparisons in Pioneer Agronomy Science trials from 2012-2015 at 165 locations.

The foregoing is provided for informational use only. Please contact your Pioneer sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors such as moisture and heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. Individual results may vary.

Lumiflex™, Lumisure™, Lumiate™ and Lumialza™ have not yet received regulatory approvals in any country outside the United States; approvals are pending.

One or more of these products may not be registered for sale or use in all states. One or more of these products may not have received regulatory approvals in any country outside the United States. Contact your local Corteva Agriscience retailer or representative for details and availability in your state.

The information presented here is not an offer for sale. This is not intended as a

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Components of LumiGEN® seed treatments for soybeans are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.

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