

Lumisena™

FUNGICIDE SEED TREATMENT

Best-in-class protection against phytophthora.

See the light with Lumisena™.

Introducing new Lumisena™ Fungicide seed treatment for soybeans.

NEW Corteva Agriscience™, Agriculture Division of DowDuPont, Lumisena™ provides the best protection against phytophthora for healthier, more vigorous soybean stands and higher yield potential.

Key benefits

- Most advanced seed-applied technology to protect against phytophthora
- Enhances emergence and vigour to maximize yield potential
- Improves soybean plant stands
- New class of chemistry for improved above and below ground disease control

Protection against phytophthora

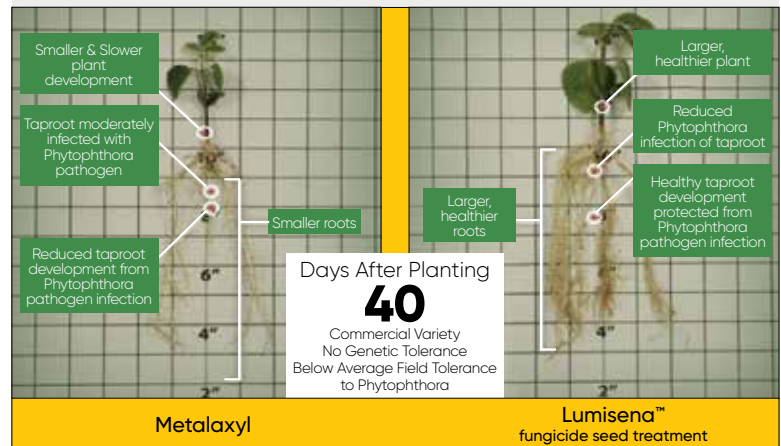
- Phytophthora is the #1 disease in soybeans and can significantly reduce yields
- NEW Lumisena™ fungicide seed treatment offers an entirely new mode of action to provide the best protection against phytophthora
- Seed treatment research has demonstrated that Lumisena™ will provide greater protection against phytophthora than existing seed treatments

Look at the results

The first six weeks are important for a soybean crop's yield potential. Observe the difference in performance between two soybean plants, 40 days after planting, treated with the high rate of metalaxyl versus Lumisena™ when phytophthora is present.

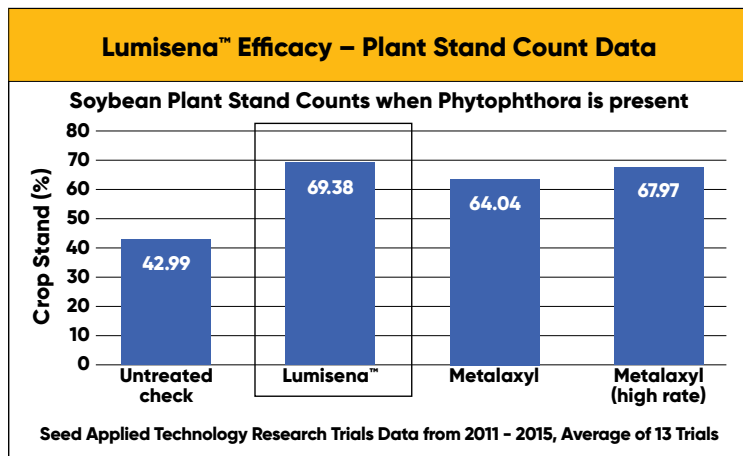
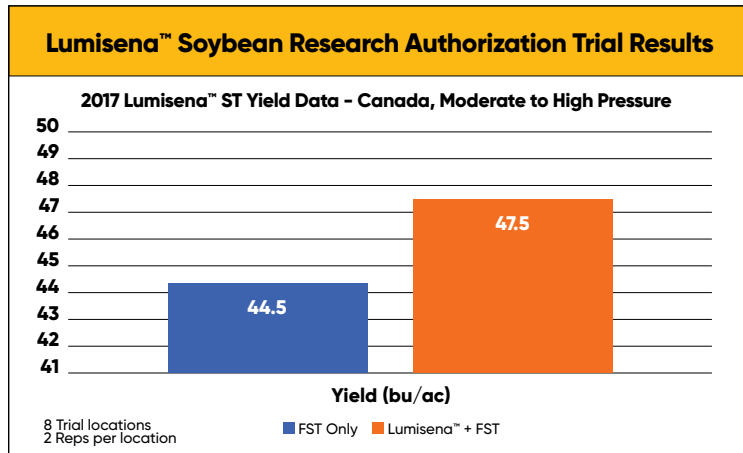
Lumisena™ is the new, best choice for protection against phytophthora. It is the only seed-applied technology that delivers residual protection across multiple stages of the phytophthora pathogen's life cycle:

- preventative
- curative
- eradicated
- antisporeulant



Improves soybean yields and plant stands

- Growers with phytophthora pressure have suffered significant yield losses because of the limitations of existing seed treatments for soybeans
- In areas with phytophthora pressure, Lumisena™ improves plant stands, crop vigour and yield results



In multi-year, on-farm seed treatment research trials under phytophthora pressure, Lumisena™ improved plant stands by increasing the number of plants per acre versus the existing industry standard seed treatment.

IST (Insecticide seed treatment)

FST (Fungicide seed treatment)

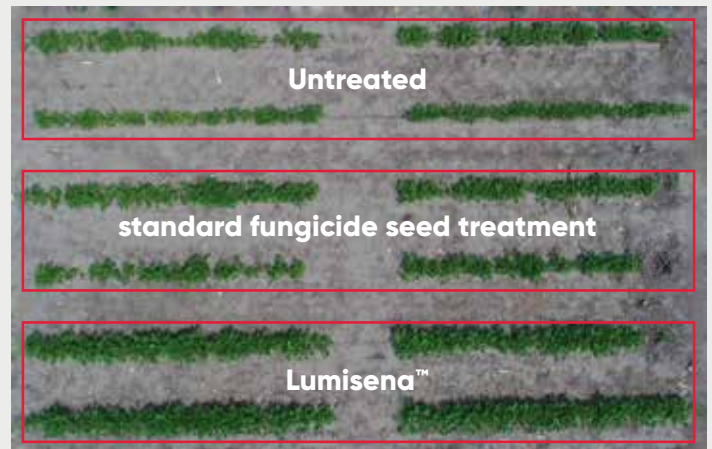
* 2013-2016 on-farm seed treatment research trials. 116 replicated soybean research locations. FST/IST + Lumisena™ (Lumisena™ .30 oz rate = 0.012 mg ai/seed or 8.4 mL product/140 k seed) treatment increased soybean grain yield 1.7 bu/acre over current FST/IST (including metalaxyl) standard across winning locations (60% wins).

Enhances emergence and vigour to maximize yield potential

- Lumisena™ fungicide seed treatment provides healthier, more vigorous soybean stands and higher yield potential.
- In multi-year, on-farm seed treatment research trials, Lumisena™ seed treatment provided 1 bushel per acre yield advantage under phytophthora pressure versus the existing industry standard phytophthora seed treatment.*

New class of chemistry for improved above and below ground disease control

- Phytophthora is the #1 disease in soybeans
- Lumisena™ fungicide seed treatment offers a new mode of action that controls phytophthora far better than previous industry-standard seed treatments
- Lumisena™ significantly improves soybean plant stands, enhancing early-season plant growth and increasing yield potential.



For more information, ask your seed supplier, call our Solutions Center Agronomists at 1-800-667-3852, or visit lumisena.corteva.ca