



syngenta®

SDS PROTECTION. UPGRADED.



THE POWER OF SALTRO



Losses from Sudden Death Syndrome (SDS) total 25 million bushels annually in the U.S.¹, and until now, growers have had limited management options. With Salstro® fungicide seed treatment, the latest technology from Syngenta that contains Adepidyn®, a potent SDHI fungicide, you can now recommend an upgraded SDS solution that provides superior protection from SDS **without adding unnecessary plant stress**.

Saltro provides:

- Consistent yield improvement over ILeVO® seed treatment under high SDS pressure²
- Greater root protection because it stays in the root zone
- More power than older technology to protect against the cause of SDS, *Fusarium virguliforme*
- Robust activity against soybean cyst, root knot, reniform, lesion and lance nematodes
- Better protection against SDS without signs of plant stress, including phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather, and reduced plant growth both above and below ground

PROOF OF PERFORMANCE

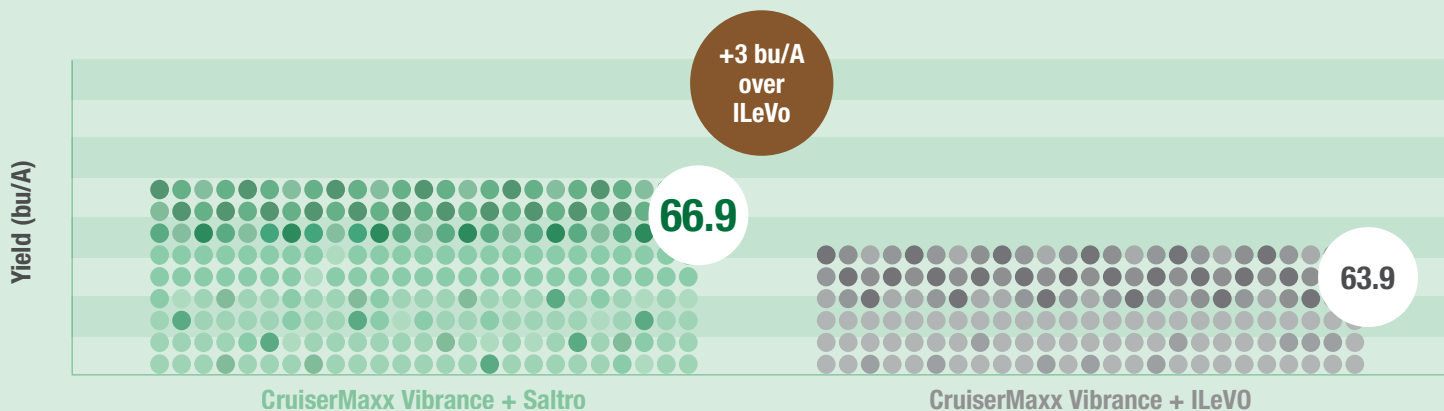
Across three years of trials, soybeans under SDS pressure treated with CruiserMaxx® Vibrance® seed treatment + Salstro yielded a statistically significant

3 bushels per acre (bu/A) more

than soybeans treated with CruiserMaxx Vibrance + ILeVO.



AVERAGE YIELD DIFFERENCE



Includes locations that exhibited 20% SDS incidence or more as measured by a local scientist.

Syngenta Seedcare trials, 2015-2017, trial locations: Arkansas, Illinois, Iowa, Kentucky, Michigan, Minnesota, Tennessee, Wisconsin (α=0.1).

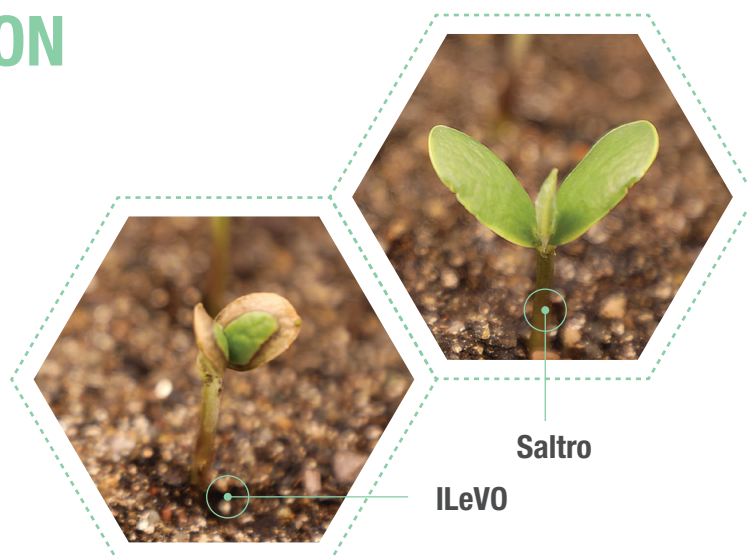
UPGRADE SDS PROTECTION AND REDUCE SEEDLING PLANT STRESS

With ever-earlier planting and ever-more erratic weather, soybeans are under enough stress as it is.

Consequences of early-season plant stress:

- Slowed plant growth and stunting
- Reduced foliage, diminished roots and thinner plant stands
- Delayed leaf canopy closure leading to increased weed competition

As seen in the comparison to the right, at 10 days after planting into **pest-free soil**, Saltro-treated soybeans look visibly healthier and less stressed than the soybeans treated with ILeVO.



Syngenta trials at The Seedcare Institute™, Stanton, Minnesota; 10 days after planting in pest-free soil; April 2019.



SEE THE HIDDEN DIFFERENCE

HIDDEN IMPACT OF BELOW GROUND EARLY-SEASON STRESS

While soybeans can eventually compensate and overcome above ground side effects, below ground the story is different. Early-season root damage may not be reversed. Without maximum root mass to absorb water and nutrients during the reproductive stage, soybeans may not reach their full genetic yield potential.



syngenta®

**Saltro +
CruiserMaxx
Vibrance**



**ILeVO +
CruiserMaxx
Vibrance**



In both a controlled environment and in field trials with SDS and Soybean Cyst Nematode (SCN) present, Saltro-treated soybeans have significantly greater and healthier root mass than soybeans treated with ILeVO.

*3-plant comparison: Syngenta trials at The Seedcare Institute, Stanton, Minnesota; 21 DAP in soil inoculated with heavy SCN and SDS (*Fusarium virguliforme*) pressure; April 2019.*

IN-FIELD ROOT COMPARISON



**Saltro +
CruiserMaxx Vibrance**



**ILeVO +
CruiserMaxx Vibrance**

*Syngenta trials at Valmeyer, Illinois; under heavy SCN and SDS (*Fusarium virguliforme*) presence; May 2019.*



UPGRADED HANDLING AND APPLICATION CHARACTERISTICS

When it comes to your treatment operation, improved handling and application characteristics keep everything running smoothly. Beyond the superior SDS and nematode protection Saltro delivers, it also enables an easier treating experience.

The pour test to the right demonstrates the superior formulation of Saltro + CruiserMaxx Vibrance over ILeVO + Acceleron®.

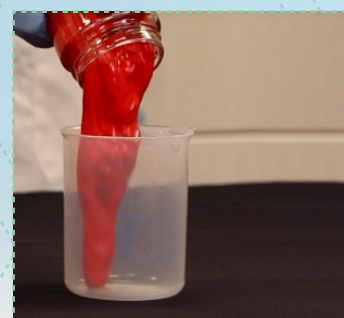
Syngenta trials at The Seedcare Institute, Stanton, Minnesota; two hours after mixing; April 2019.

With Saltro you can expect:

- Substantially less treater buildup vs. ILeVO
- Better storage stability and handling characteristics vs. ILeVO
- Improved wet seed flow
- 50% less dust-off
- Exceptionally low use rate
- No sludge formation of Saltro + CruiserMaxx Vibrance vs. ILeVO + Acceleron



**Saltro +
CruiserMaxx Vibrance**



**ILeVO +
Acceleron Standard**

Lower use rate

Because Saltro has much higher intrinsic Fusarium activity compared to ILeVO, it has an exceptionally low use rate, which means there's more room on the seed to add inoculants and nutritional.

Product	Formulation Stability	Application Rate	Seed Bridging	Seed Flow	Buildup	Rub-off	Dust-off	Plantability
Saltro	Good	Good	Good	Good	Good	Good	Good	Good
ILeVO	Poor	Fair	Poor	Poor	Fair	Good	Fair	Good

Syngenta internal tests, The Seedcare Institute, Stanton, Minnesota; September 2018.

For more information about Saltro, visit [SyngentaUS.com/Saltro](https://www.syngenta.com/Saltro).



¹ United Soybean Board.

² Includes locations that exhibited 20% SDS incidence or more as measured by a local scientist. Syngenta Seedcare trials, 2015-2017, trial locations: Arkansas, Illinois, Iowa, Kentucky, Michigan, Minnesota, Tennessee, Wisconsin (a=0.1).

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