



syngenta®

SDS PROTECTION. UPGRADED.

As a soybean grower, you know the devastation Sudden Death Syndrome (SDS) can cause, and you have had limited choices to protect against it. **Until now, that is.**



THE IMPACT OF SDS



Heavily infected fields can experience **yield reductions as high as 50%.**

SDS causes losses of more than **25 million bushels annually in the U.S.¹**

SUPERIOR SDS PROTECTION WITHOUT THE STRESS

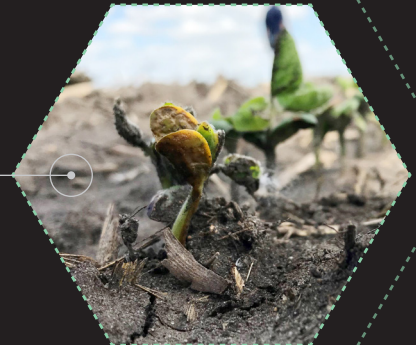
When it comes to SDS protection, you now have **the power to choose a better solution.** With Saltro[®] fungicide seed treatment, you have access to more powerful protection against SDS (*Fusarium virguliforme*) and nematodes than previous options. **And beyond better performance, it works without the plant stress.** Saltro provides:

- Consistent, statistically significant 3 bushels per acre (bu/A) yield improvement over ILeVO[®] under high SDS pressure²
- Greater root protection because it stays in the root zone
- Higher intrinsic activity than older technology to protect against the cause of SDS
- Robust activity against soybean cyst, root knot, reniform, lesion and lance nematodes
- Superior protection from SDS without signs of plant stress, including phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather, and reduced plant growth above and below ground

**Saltro[®] +
CruiserMaxx[®]
Vibrance[®]**



**ILeVO[®] +
CruiserMaxx[®]
Vibrance[®]**



*Images to the right:
Minnesota; 14 days after planting; June 2019*

PROTECT YOUR SEEDLINGS FROM ADDED STRESS

With ever-earlier planting and ever-more erratic weather, your soybeans are under enough stress as it is. SDS protection doesn't need to be one more stressor.

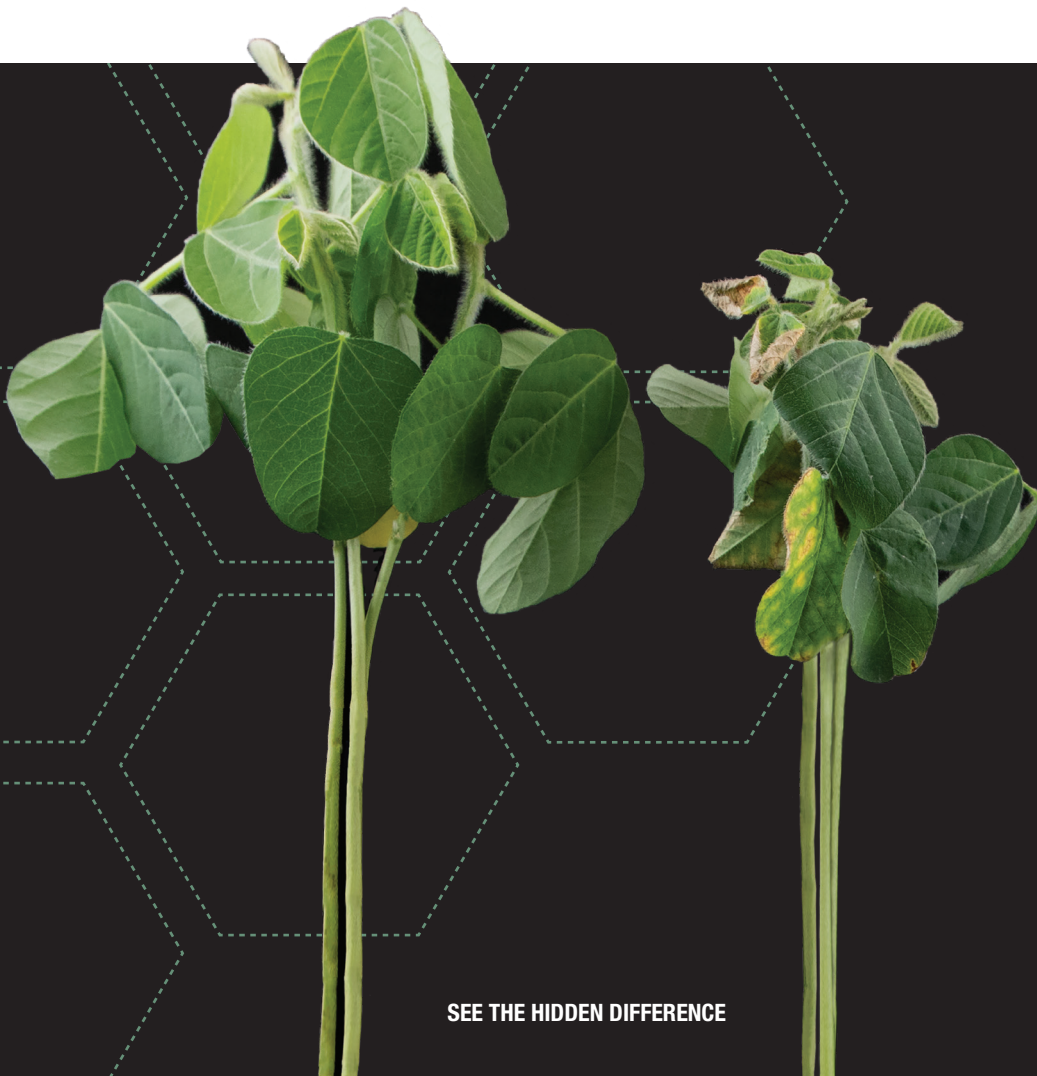
Consequences of early-season plant stress:

- 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 clearly look healthier and less stressed than the ILeVO treatment.



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 has a lasting impact on yield potential. Without maximum root mass to absorb water and nutrients during the reproductive stage, soybeans may not reach their full genetic yield potential.



**Salto +
CruiserMaxx
Vibrance**



**ILeVO +
CruiserMaxx
Vibrance**



In both a controlled environment and in field trials with SDS and Soybean Cyst Nematode (SCN) present, Salto-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



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CruiserMaxx Vibrance**



**ILeVO +
CruiserMaxx Vibrance**

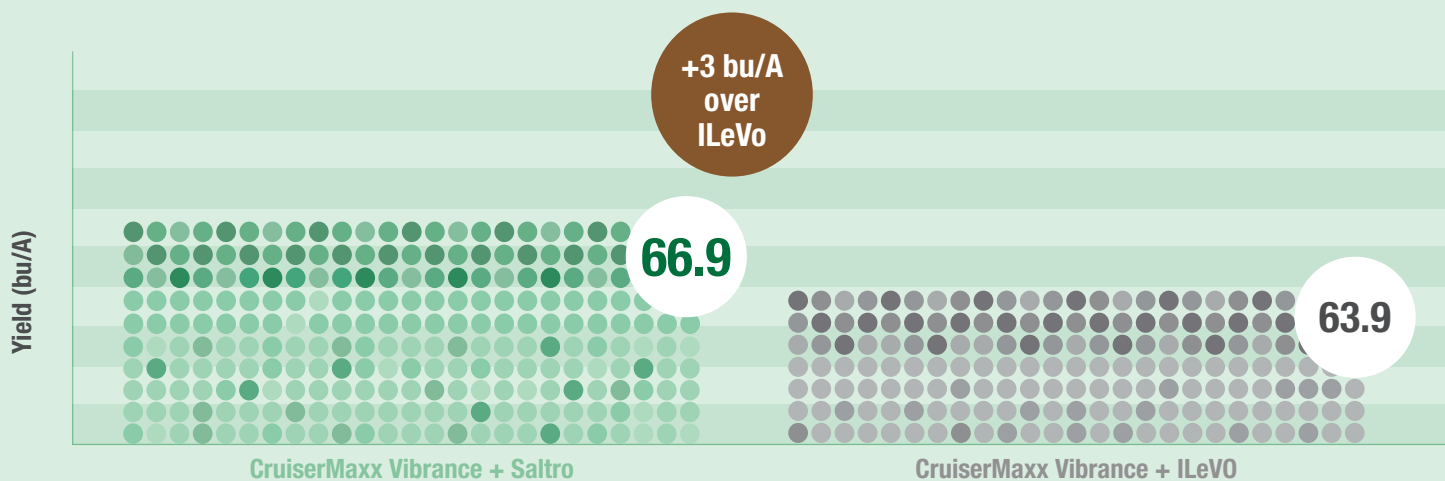
*Syngenta trials at Valmeyer, Illinois; under heavy SDS (*Fusarium virguliforme*) presence; May 2019.*



BETTER SDS PROTECTION AND LESS STRESS = HIGHER POTENTIAL YIELD

Across three years of trials, soybeans under heavy SDS pressure treated with CruiserMaxx Vibrance seed treatment + Saltro yielded a statistically significant 3 bu/A more than soybeans treated with CruiserMaxx Vibrance + ILeVO seed treatment².

AVERAGE YIELD DIFFERENCE



Accelerating innovation

Syngenta invests in technologies to bring about lasting change for sustainable agriculture. With powerful SDS and nematode protection and the additional benefits of larger root mass, better plant stands and quicker speed-to-canopy, Saltro demonstrates Syngenta's commitment to accelerating innovation.

Saltro is the latest technology advancement that can change the way you protect your soybeans and improve their potential yield. When added to CruiserMaxx Vibrance or Vibrance Trio seed treatments, you have the best protection available for early-season insects, diseases and nematodes.

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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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations.

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