



ILEVO® Seed Treatment

Proven to perform



Backed by hundreds of field trials, thousands of growers and years of use on millions of acres, ILEVO® seed treatment is the first proven winner against two of the most potent yield robbers for soybeans: Sudden Death Syndrome (SDS) and Soybean Cyst Nematodes (SCN).

ILEVO® works below and above ground to reliably increase yield potential in your soybean fields, season after season.

Red colored seeds in this brochure are for illustrative purposes only and not an endorsement of any particular color registered for use on seed.

Sudden Death Syndrome and Soybean Cyst Nematodes

Two of the top three contributors to soybean yield loss

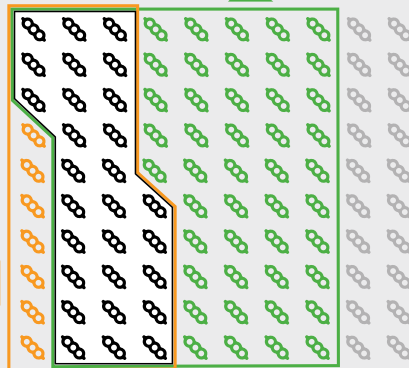


Yield loss estimates¹

1 Soybean Cyst Nematode	36%
2 Seedling Diseases	16%
3 Sudden Death Syndrome	13%
4 Sclerotinia Stem Rot	12%
5 Phytophthora Rot	9%
6 Charcoal Rot	8%
7 Brown Spot	6%

Nematodes present on
65-70%
of all soybean acres²

SDS present on
25-35%
of all soybean acres²



SCN present on at least
80%
of all SDS acres²

The Solution: ILEVO[®] Seed Treatment

ILEVO[®] seed treatment reduces root rot infection and toxin production to protect against both the below-ground and foliar impacts of SDS.

While nematode damage increases in hot, dry conditions, SDS thrives in cool, wet conditions. ILEVO[®] protects your soybean crop in both environments.

What ILEVO[®] does not do is as important what it does. ILEVO[®] does not reduce plant stands or decrease plant mass or root mass.



¹ 5 year average 2013-2017; CropProtectionNetwork.org
² Internal estimates and independent university survey data

Source: BASF internal trials 2019.

Performance Against SDS and SCN – Proven by Grower Success

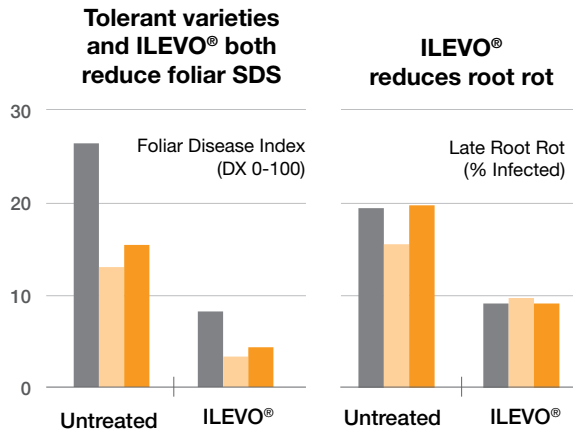


RESULTS

Above and Below Ground

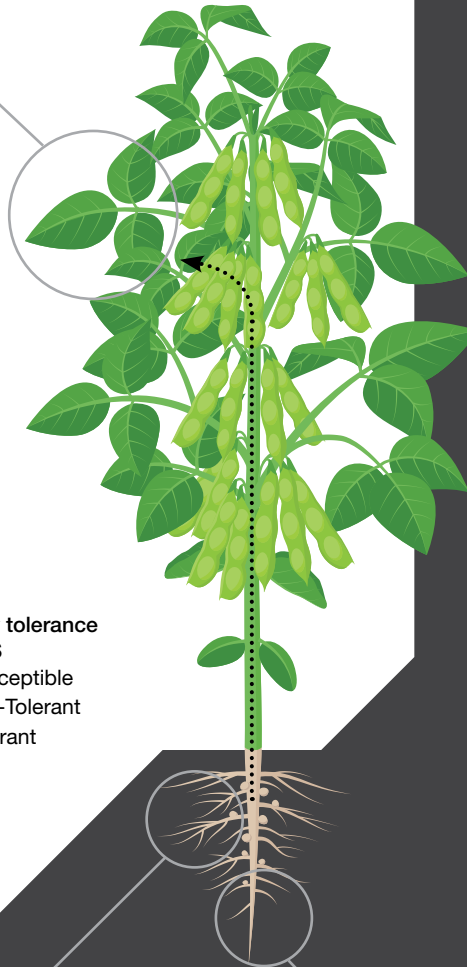
Proven SDS Protection

- Traditional SDS management practices alone will not optimize yield benefit
- ILEVO® provides yield benefit, with and without foliar symptoms of SDS by directly reducing root rot and partners with SDS-tolerant varieties.



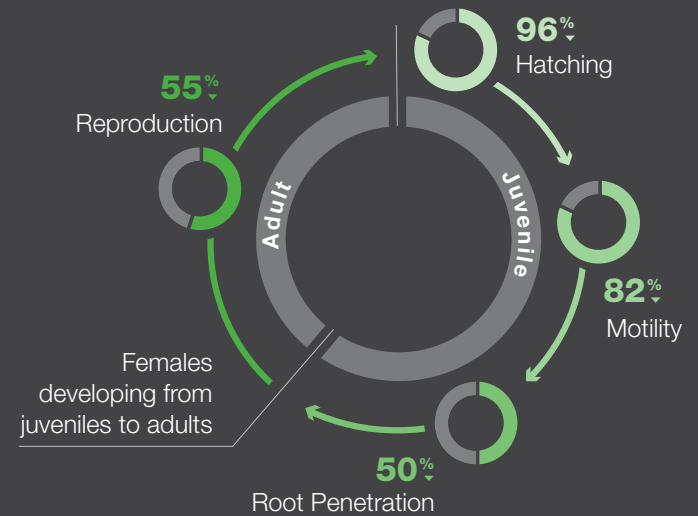
2016 NCSRP data

Protects Against Root Rot Infection and Toxin Production



Powerful Nematicide Across the SCN Lifecycle

% Reduction with ILEVO® at each stage of nematode lifecycle



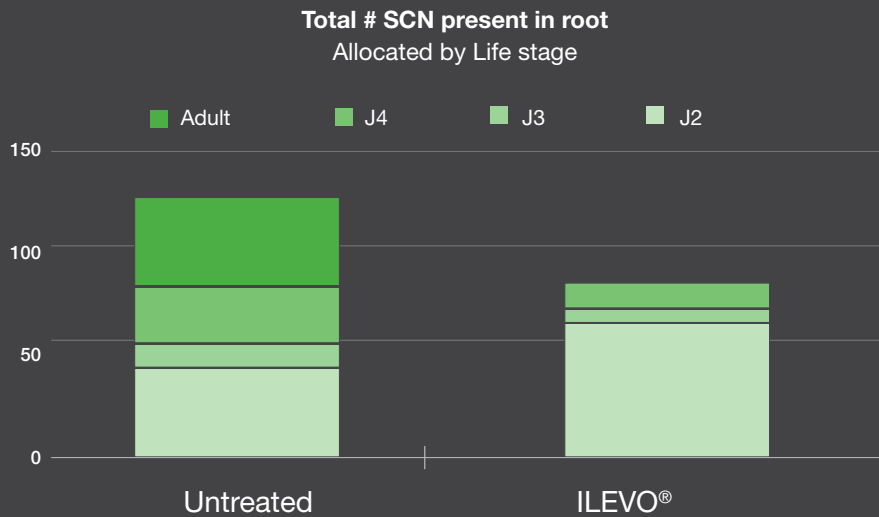
Beeman and Tylka, 2017

Broad Spectrum Nematicide Against Key Plant Parasitic Nematodes



ILEVO® seed treatment reduces the development of nematodes into adults, meaning fewer nematodes reach reproduction and fewer egg filled cysts are created to multiply into the next generation.

The potential for nematode damage is highest in the seed zone during the first 30 to 40 days of plant growth.



Source: BASF RTP Seed Treatment Technology Center. 2019 Soybean Cyst Nematode Root Stain Assay. Inoculation with 960 J2 nematodes 7 days after planting soybean in pots. Plants were transplanted into nematode free soil 3 days after inoculation with roots collected and analyzed for nematode infection and development 15 days after transplanting. ILEVO applied at 0.15 mg ai/seed.



BASF
We create chemistry

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