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ACCESSING PRIVATE COMPANIES' SOYBEAN VARIETY TRAIT DATA

In a <u>White Paper</u> on this website, links to Midsouth states' soybean official variety trial [SOVT] results are provided. A listing of the traits and disease reactions that are measured or rated in each state's trials is given.

For varieties available from private seed companies, knowledge about varietal traits in addition to those listed in the individual SOVT's is often available. This additional information generally can be found on each company's website.

Definitions of abbreviated herbicide tolerance traits [HTT] available from the various companies are:

- CONV = conventional variety, no herbicide tolerance.
- RR, GT = Roundup Ready, glyphosate-tolerant [tolerant to glyphosate herbicide].
- RR2 = Roundup Ready 2 [tolerant to glyphosate herbicide].
- <u>RR2Y= Roundup Ready 2 Yield</u> [tolerant to glyphosate herbicide].
- <u>RR2X = Roundup Ready 2 Xtend</u> [tolerant to glyphosate and dicamba herbicides].
- <u>LL = Liberty Link</u> [tolerant to glufosinate herbicide].
- <u>STS or SR</u> = sulfonylurea-tolerant or sulfonylureaready [tolerant to sulfonyl-urea (ALS inhibitor) herbicides].
- <u>E3 = Enlist E3</u> [tolerant to 2,4-D choline, glyphosate, and glufosinate herbicides].
- <u>LL GT27</u> = tolerant to glufosinate, glyphosate, and isoxaflutole or <u>Alite 27</u> [the only Group 27 herbicide labeled for application to these varieties].
- <u>XF = XtendFlex</u> [tolerant to glyphosate, glufosinate, and dicamba herbicides].

[Note: Not all companies have variety offerings with all HTT's.]

The below links are provided to access websites where the traits of available soybean varieties from each company can be found. A brief guide to access the information on these websites is provided for each of the listed brands.

AgriGold Soybean Varieties. Click to access a list of

soybean varieties. The list can be narrowed by agronomic feature and maturity range. Click "Learn More" above each variety to see the traits associated with that variety.

<u>Asgrow Soybean Varieties</u>. Click to access a list of Asgrow soybean varieties for a specified location. The list can be narrowed by HTT and relative maturity [RM]. Click "View Profile" under each variety to see the traits associated with that variety.

<u>NK Soybean Varieties</u>. Click to access a list of soybean varieties that can be filtered by the desired RM range. The HTT of each variety appears under the variety name. Click "Product Details" and "Tech Sheet" under each variety for additional traits of that variety.

<u>Golden Harvest Soybean Seed</u>. Click to access a list of soybean varieties. Designate a desired RM range to see a list of varieties within that range. Click "Product Details" and "Tech Sheet PDF" under an individual variety within that RM range to see additional traits for that variety.

<u>Pioneer Soybean Varieties</u>. Click to access Pioneer's variety site. Click <u>here</u> to access all varieties and HTT's. <u>Plenish</u> varieties have Pioneer's high oleic trait.

Armor Soybean Varieties. This accesses a list of soybean varieties with all available HTT's. Click the box with the desired HTT to get a list of varieties with that HTT. Click a variety name to see a complete list of traits and characteristics for that variety.

<u>Beck's Soybean Varieties</u>. This accesses a list of varieties available from this company. This list can be narrowed by designating region of the country, HTT, etc. Clicking on any variety will allow access to a fact sheet that contains the traits and characteristics associated with that variety.

<u>Innvictis Seed Solutions</u>. Clicking this link will access a list of Innvictis soybean varieties. RM and HTT are shown for each variety in the list. Clicking on a



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particular variety will access a tech sheet that provides additional characteristics for that variety.

Morsoy Soybean Varieties. This goes directly to a list of varieties with HTT shown beside the variety name. Click on "View Details" beneath each variety name to access additional traits for that variety.

Dyna-Gro Soybean Varieties. Enter the desired RM range on the sliding scale. This accesses a list of all varieties in that RM range and their HTT. Click "View Details" under each variety to get a complete list of traits for that variety.

<u>Xitavo Soybean Varieties</u>. Click for a complete list of varieties, all with Enlist E3 HTT. Click the desired maturity group [MG] box. Click "Profile sheet" under a variety name to access a list of traits for that variety.

<u>Delta Grow Soybean Varieties</u>. Click to access Delta Grow's list of current soybean variety offerings along with each variety's traits.

<u>Progeny Soybean Varieties</u>. This accesses a list of varieties that can be filtered by HTT. Click "spec sheet" beside a variety name to view traits for that variety.

Brevant Soybean Varieties. Click "soybeans" to get a list of soybean varieties, along with the HTT and traits of each variety in the list.

<u>AgVenture Soybean Products.</u> Click to access a list of this company's varieties, along each variety's MG and HTT. Click "Download" by an individual variety name to view a list of that variety's traits. The list can be narrowed by designating a desired RM range on the maturity bar.

<u>LG Seeds</u>. Clicking this link goes directly to a list of all LG soybean varieties. The list can be narrowed by designating the HTT in the technology box and by sliding the indicators on the maturity bar to the desired RM range. Click on a particular variety to access all traits associated with that variety.

<u>Croplan</u>. This accesses the Croplan site that contains a list of this company's varieties. The list can be filtered

by RM and HTT. Click "View" to see the traits of a particular variety.

<u>USG-UniSouth Genetics.</u> Under Products, click "Soybeans". This accesses a list of HTT's. Click on one of the HTT's to see varieties with that trait. Click on one of the varieties to see additional traits associated with that variety.

<u>Don Mario Seeds</u>. Clicking this link goes directly to a list of varieties with the RM, HTT, and other traits shown. Use the sliding bar to indicate the desired RM range.

<u>Alloy Soybean Varieties</u>. This will access a list of varieties–all with the Enlist E3 HTT–and their traits.

The above links, directions, and descriptions are valid as of Sep. 8, 2024. The offerings of each company may change between now and 2025 planting.

For additional information about brands of soybean seed from the various seed companies, see the <u>Sep.</u> <u>2024 article</u> by Jason Jenkins in Progressive Farmer magazine.

In the 2018-2020 period, the top four soybean seed companies [Corteva (37.7%), Bayer (28.2%), Syngenta (9.2%), AgReliant (3.0%)] controlled an estimated 78.1% of the soybean seed market. According to USDA-ERS, Corteva and Bayer accounted for 65.9% of total U.S. soybean seed sales during this period.

Currently, the major portion of soybean seed is available from five companies–AgReliant [AgriGold, LG Seeds], BASF [Xitavo], Bayer [Asgrow, Channel], Corteva [AgVenture, Brevant, Dairyland, NuTech, Pioneer], and Syngenta [GHX, Golden Harvest, NK]. As of Oct. 2023, Bayer, Corteva, Syngenta, and BASF dominated the U.S. soybean seed market.

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