

## **WWW.MSSOY.ORG** ⇒ MSPB WEBSITE WITH UP-TO-DATE SOYBEAN PRODUCTION INFORMATION

## ACCESSING PRIVATE COMPANIES' SOYBEAN VARIETY TRAIT DATA

In a White Paper on this website, links to Midsouth states' soybean official variety trial (SOVT) results are provided. A brief summary 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.

The below links are provided to access sekected companies' websites where their soybean variety guide is located. A brief guide for each of these websites is provided to assist in gaining the quickest access to the available information.

Definitions of abbreviated herbicide tolerance traits (HTT) used by the various companies are:

- RR, GT = Roundup Ready, glyphosate-tolerant (tolerant to glyphosate herbicide)
- RR2 = Roundup Ready 2 (tolerant to glyphosate herbicide)
- RR2Y = Roundup Ready 2 Yield (tolerant to glyphosate herbicide)
- RR2X = Roundup Ready 2 Yield Xtend (tolerant to glyphosate and dicamba herbicides)
- <u>LL</u> = <u>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)
- CONV = Conventional (no herbicide tolerance)
- <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. See the offerings of the following linked companies.)

Asgrow Soybean Varieties. Enter zip code for location

and select crop (soybeans), then click on Search box. Indicate relative maturity (RM) range of interest on the sliding bar scale. A complete list of varieties in that RM range will appear. The RM and HTT (RR2X, RR2X/SR, XF/SR) of each variety appear directly beneath the variety name. Click "View Profile" under each variety to see all of the trait ratings associated with that variety.

Syngenta (NK) Soybean Varieties. Enter desired Relative Maturity (RM) range in left box, then click "Find Products". A list of varieties in that RM range will be accessed. The HTT (RR2Y, RR2X, RR2X/STS, E3, E3/STS, LL/GT27, LL/GT27/STS) of each variety appears under the variety name. Click "Product Details" and "Tech Sheet" under each variety for additional traits of that variety.

Pioneer Soybean Varieties. Enter location (e.g. Stoneville, MS) in far right search box. This brings up a variety list. Click on variety name to retrieve the complete list of traits for the selected variety. HTT (GT, RR2X, E3, LL, Bolt RR2X, E3/STS, RR2X/STS) is shown in the list of traits for a particular variety. The Relative Maturity (RM) range can be narrowed by clicking "Show Filters" and entering the desired RM range.

Armor Soybean Varieties. Under Products, click "Beans". Click the box with the desired HTT (GT, RR2X, RR2Y, XF, E3) to get a list of varieties with that trait. Click logo in "Tech Sheet" column beside a variety name to see a complete list of traits for that variety.

Morsoy Soybean Varieties. This goes directly to a table of varieties with HTT (CONV, RR, RR2, RR2Y, RR2/STS, RR/STS) shown beneath the variety name. Click on "Read More" beneath each variety name to access additional traits for that variety.

Dyna-Gro Soybean Varieties. Under "Products", click on "Soybeans". Enter the desired Maturity Range in indicated boxes, then click a box next to the desired HTT (CONV, RR2Y, E3, RR2Y/STS, LL, LL/STS, LL/GT27, RR2X, RR2X/STS, XF). Enter "Soybeans"



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in Search Products box. This brings up a list of varieties with that HTT within the designated Maturity Range. Click on a variety to get a complete list of traits for that variety.

Credenz (BASF) Soybean Varieties (South). This accesses a list of Credenz soybean varieties for the South. A list of varieties appears, along with their agronomic traits and HTT (LL/GT27, LL, RR2X). BASF will also market Xitavo soybean seed with Enlist E3 technology in 2021.

<u>Delta Grow Soybean Varieties</u>. This goes to the company's home page. Click "Seed Brochure" under "Our Seed Services" to access the soybean product guide that contains a compilation of their varieties along with each one's traits, including HTT's (RR2Y, RR2Y/STS, LL/STS, RR2X, RR2X/STS, E3, E3/STS).

Progeny Soybean Varieties. Click on "Seed Guide" under Soybeans, then click on either the desired HTT (CONV, LL/STS, RR2X, RR2X/STS, E3, E3/STS, XF, XF/STS) to get a list of all varieties with that trait, or on "Toggle Specs" beside an individual variety to view agronomic traits and HTT for that variety.

Brevant (formerly Mycogen) Soybean Varieties. Click Products and Select Soybeans, then indicate the desired Relative Maturity range. The exact location to be planted can also be designated for a narrower search. Click on "Select Traits" to narrow the search by HTT (E3, LL, RR2X). Clicking on a variety name in the list will show traits and disease tolerances for that variety.

AgVenture Soybean Products. Under "Products", click "Soybean". This goes directly to a table of varieties. Click on an individual variety name to view agronomic traits and HTT [RR (GT), GT/Bolt, RR2Y, RR2X, E3, LL, CONV/STS] associated with that variety.

LG Seeds. Clicking this link goes directly to a list of all LG soybean varieties. The list can be narrowed by designating the HTT (CONV, RR2X, E3, XF) in the Technology box and by sliding the indicators on the Maturity bar to the desired Maturity Range. Click on a

particular variety to access all traits associated with that variety.

Nutech Seed. Clicking this link goes directly to the company's list of available soybean varieties with their accompanying Maturity and HTT (CONV, E3). Click on an individual variety name to see the additional traits of that variety.

Croplan. Clicking this link goes to the 2021 Seed Guide. Scroll down to p. 22 for a list of varieties and their HTT (RR2Y, RR2X, RR2X/STS, LL, E3, LL/GT27). The traits of each variety are shown beneath the variety name and in following tables.

<u>USG-UniSouth Genetics</u>. Under Products, click "Soybeans". This accesses a list of HTT's (CONV, E3, E3/STS, LL/STS, LL/GT27, RR2Y, RR2Y/STS, RR2X, RR2X/STS, GT, GT/STS, XF). 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 (Midsouth)</u>. Clicking this link goes directly to a list of varieties for the midsouthern US, with the HTT (E3, RR2X, XF) of each variety indicated. Other characteristics of each variety are listed either alongside or under each variety name.

Go Soy. Clicking this link accesses a list of Go Soy and other varieties with CONV, E3, E3/STS, GT, RR2X, and XF HTT traits.

<u>Local Seed.</u> Clicking this link accesses the soybean portion of the company website. Click on the Soybean Guide to access a list of the available HTT's (GT/STS, E3, E3/STS, LL/GT27, LL/GT27/STS, RR2Y, RR2Y/STS, RR2X, RR2X/STS) and the list of varieties with their characteristics.

The above links, directions, and descriptions are valid as of Jan. 2021. The offerings of each company may change between now and 2021 planting. Midsouth varieties' sensitivity to metribuzin can be found here.

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