

ZFS Select® Seed NEWS

A publication of Zeeland Farm Services, Inc.®

Summer
2018

ZFS Select

New high-oleic soybeans on the horizon

By Ben Glass, ZFS Seed Division Manager

According to the United Soybean Board, soybeans containing a high oleic oil profile have been grown commercially in the United States for five seasons.

With the U.S. Food and Drug Administration's announcement to phase out partially hydrogenated oils, on top of the requirement for trans-fat-free labeling, the demand for high oleic soy-

beans continues to grow.

The current varieties in the marketplace are sold under the Plenish® (DuPont Pioneer) or Vistive® Gold (Monsanto) brand names, but have faced regulatory hurdles.

While 450,000 acres of high oleic soybeans were grown in 2016, as shared by the Qualisoy group, the goal for the industry is 18 million

acres annually.

Zeeland Farm Services has taken the initiative to collaborate with breeders to bring into the marketplace non-GMO, high oleic, low-linolenic and low-saturated fat varieties to support our Zoye® brand and to help meet market demand.

This IP program will develop further in 2019 as seed availability increases.



ZFS Select

MSU Weed Tour is June 27



The annual Michigan State University Weed Tour is Wednesday, June 27 at the MSU Agronomy Farm in East Lansing.

Registration begins at 8:30 a.m., with the field tour to kick off at 9:30.

There will also be two

afternoon tours, including a non-GMO tour, beginning at 1 p.m.

ZFS will pay the fee for anyone pre-registering for the event. Please RSVP by June 20 by calling (616) 748-1835 or emailing brookez@zfsinc.com.

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Preparation, planning help avoid white mold

By Dr. Martin Chilvers, MSUE and Ben Glass, ZFS Seed Division

While we do not know what the 2018 crop season will bring, it is important to be prepared for any potentiality.

With some calling for a wet year, it may be timely to think about what happens if white mold pops up.

There is a tool to consult - the Sclero-cast model. Keep in mind this tool is for guidance only. Sclero-cast model updates will be posted at the MSU Field Crop Pathology website .

During years in which white mold is not widespread, we often still find it in high yielding, irrigated environments, particularly where manure has been spread.

Irrigation is a great tool, but it needs to be managed as a tool that can also cause harm. Balance watering early that results in lush growth versus watering at the most optimum time during R2 and into pod fill.

Scouting for apothecia is even more critical, since irrigating can create the ideal micro-climate.

Fungicides will be most effective at reducing the impact of white mold when applied at or close to growth stage R1. Research data indicates that fungicides applied up to growth stage R3 or



Photo courtesy Soybean and Corn Digest

early pod – pods are 0.1875 inches long at one of the four uppermost nodes – may be effective, but later applications will likely not be effective at reducing disease.

Once symptoms of white mold are evident, fungicides will have no effect on reducing the disease. Fungicide applications for white mold management may be most useful on fields where varieties rated as susceptible to white mold are planted in a field with a history of the disease.

If a soybean field is diagnosed with

high levels of white mold, this field should be harvested last. This will help reduce the movement of the survival structures of the white mold fungus by harvesting equipment to fields that are not infested.

Also, Michigan State University Extension reminds growers to be sure to clean all harvesting equipment thoroughly at the end of the season to avoid inadvertent infestation of fields.

While we all hope not to see white mold, keep these points in mind and be proactive.



Brooke Zeldenrust joins ZFSelect Seed team

Hi, my name is Brooke Zeldenrust. I live in Zeeland, but I am originally from Fremont.

I graduated from Michigan State University in the spring of 2015 and joined Zeeland Farm Services that July. I started my career at ZFS as a grain accountant, while assisting other divisions.

I joined the Seed Division in Febru-



ary, and work primarily with the non-GMO marketing agreements and miscellaneous accounting functions. However, I have also sold and delivered seed.

If you deliver

grain to ZFS during harvest, you may have seen me helping out at the elevator.

The majority of my family works in agriculture, so I grew up living and loving farming and all the things that go with it

I also worked as a crop scout for three summers while attending MSU's Ag-Tech program.



ZFSelect introduces new non-GMO varieties

ZFSelect® Seed is introducing new non-GMO varieties of soybean seeds that you should inquire about this fall, particularly if you are north of I-94.

We are doing a final evaluation and plan to increase the two varieties at right.

While availability will be limited, there will be units available for planting in 2019.

These will be in trials across the state this season.

Variety	Maturity	Phyto Resistance	Cyst Resistance	Plant Habit	Comments
ZFS 1824	2.4	1k	PI88788	Medium bushy	Equivalent or better yield than ZFS 1326 at several locations
ZFS 1821	2.1	1k	PI88788	Medium bushy	Very good phytophthora and cyst tolerance



Flag the Technology flags available from ZFS

By Brooke Zeldenrust, ZFS Seed Division

It has always been important for producers to communicate with their neighbors to prevent issues with chemical overspray, or accidental spray, but as additional technologies come into the marketplace allowing different chemistries to be applied, it becomes even more critical.

One easy way of communicating the types of crops you have planted is with Flag the Technology color-coded flags, which give your employees, neighbor producers and contract sprayers a clear indication of what is growing in your fields.

These simple, yet highly effective, flags could prevent

a mistake that could cost you a lot of money.

While this is not an initiative in Michigan yet, it is gaining ground in many other states, and at Zeeland Farm Services, we thought we would at least offer our customers the opportunity to purchase these field flags at a reduced cost.

This is NOT a requirement of the ZFS non-GMO program, but it is an offer to assist if you think this will help prevent potential issues with your non-GMO crop.

If you are interested in acquiring some flags, please let the ZFSelect team know what color and how many you would need. If there

Preferred Flag Size

6' x 1/4" fiberglass pole with minimum 11" x 17" flag for maximum visibility

Color Codes

<p>RED signifies conventional varieties with no herbicide technology traits, vineyards, apiaries, orchards, vegetable fields and organic crop production. <i>Extreme caution.</i></p>	<p>YELLOW is the color chosen for Clearfield® rice, sunflower, wheat and canola technologies, STS® soybeans¹ and INZEN grain sorghum.</p>
<p>WHITE represents technology that is tolerant to glyphosate herbicide. (e.g., Roundup Ready, Glytol)</p>	<p>TEAL (with White Stripes) indicates tolerance to both 2,4-D and FOP (ACCase) herbicides. The white stripes indicate tolerance to glyphosate. Where glufosinate tolerant cotton and soybean are planted, a green flag should be added to denote tolerance to glufosinate².</p>
<p>GREEN This technology is tolerant to glufosinate.</p>	<p>BLACK & WHITE The black and white checks indicate tolerance to both dicamba and glyphosate. A green flag should be added for cotton to denote glufosinate tolerance².</p>

¹ Although many herbicides are in the ALS family of herbicides, crops with this technology are not tolerant to all ALS herbicides.
² Stacked technologies may require more than 1 flag.

is enough interest, a group order will be made.

These will be generic signs without the ZFS logo.

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2018 ZFS trial plot locations

Blue River Organic corn plot
Fremont, MI

Dairyland corn plot
Hudsonville, MI

Soybean plot
Hudsonville MI,

Partners Brand corn plot
Ada, MI

Best of the Best soybean plot
Dansville, MI

If you would like to visit any of the ZFS trial plots during the season, please give Ben Glass a call at (616) 879-1729. To see ZFSelect Seed results in the 2017 MSU variety trials, visit:

www.zfsinc.com/divisions/seed/

