

ZFS Select® Seed NEWS

A publication of Zeeland Farm Services, Inc.®

Fall
2017



Specialty soybeans, special treatment

By Ben Glass, ZFS Seed Sales Manager



ZFS file photo

TAKING CARE: Non-GMO soybean growers typically have indentity preservation practices in place from planting through harvest, but they also need to be wary of contamination when seeds are being treated by an outside third party.

Specialty soybean programs inherently carry special considerations for an operation due to specific criteria that must be met to obtain the most value for the beans.

According to the USDA, approximately 94 percent of the soybean crop, both

nationally and in Michigan, are GMO, so the potential for contamination is a very real danger for farmers growing non-GMO beans.

Most non-GMO operations choose to go “all-in,” meaning there are no GMO soybeans on the farm. Others

keep GMOs in the rotation, but have a strategy to keep them segregated from the non-GMO beans.

Those are controllable, in-house decisions that we discuss regularly at meetings:

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Dates to remember

Thumb Ag Day
Ubyly, MI
Dec. 13, 2017

IPM meeting
Lansing, MI
Dec. 20, 2017

Great Lakes Crop Summit
Mt. Pleasant, MI
Jan. 31 - Feb. 1, 2018

Mich. Wheat annual meeting
Bath, MI
March 21, 2018

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FSMA changes load receiving procedures

By Nicole Williamson, ZFS Food/Feed Quality Manager

In 2011, the Food Safety Modernization Act (FSMA) was signed into law. It aims to ensure the U.S. human and animal food supply is safe by shifting the focus of federal regulators from responding to contamination to preventing it. There are several parts to the law, but one in particular impacts growers and suppliers to Zeeland Farm Services.

As a receiver of food ingredients such as soybeans, wheat, corn and more, ZFS is responsible for making sure incoming products are not at risk of contamination due to what was previously hauled in the same trailer.

The ZFS Loading and Unloading Policy went into effect earlier this year. There has been some confusion on the requirements for compliance, so we've provided a summary of what suppliers need to do. If incoming loads do not comply with our policy, they are subject to rejection. If the proper documentation is not provided, drivers will be asked to move out of line until the documenta-

tion is received and the trailer can be unloaded.

All incoming vehicles supplying bulk ingredients to ZFS must present documentation of what was previously hauled in the incoming trailer. This can be in the form of a BOL, scale ticket, etc. The exceptions to this are small, family farmers, whose trailers or hoppers are used ONLY for hauling incoming beans, corn, etc. They are not required to show proof of previous haul, but the following cleaning requirements still apply to them.

When bringing in non-GMO beans, along with providing the previous load document, the trailer must be cleaned and the cleaning documentation provided. Prior to loading the non-GMO beans, the trailer must be swept and the Off-Farm Transportation Cleaning Affidavit must be completely filled out and given to the ZFS elevator. If the trailer previously hauled any of the following high risk materials, it will also require a hot water wash prior to loading, and the

wash ticket must also be given to the elevator before the beans can be unloaded.

- Medicated feeds
- Chemicals or fertilizers
- Treated seeds
- Any animal derived product and restricted use proteins (see ZFS policy for specific list).

When bringing in all other ingredients (Roundup Ready beans, corn, wheat, etc.), the wash ticket requirements still apply if the previous load contained any of the high-risk materials listed above.

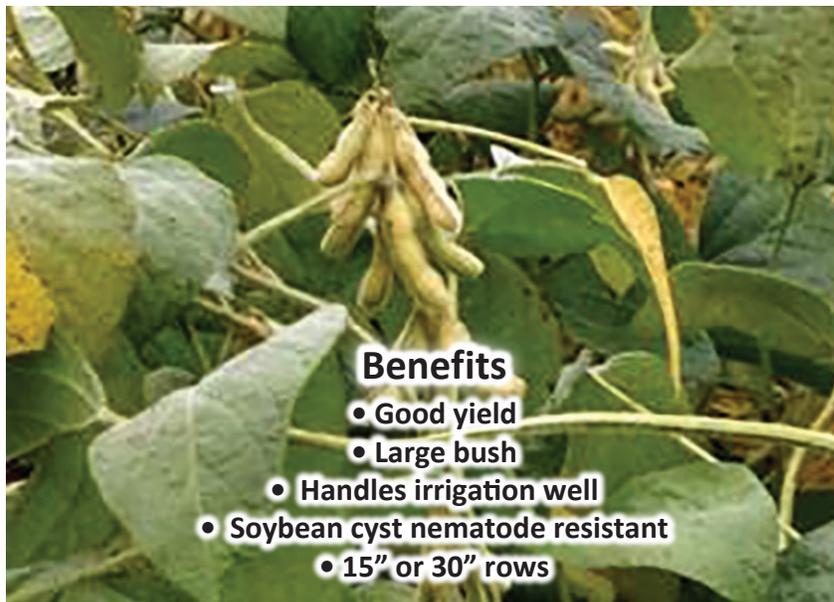
If the trailer previously hauled wood, rocks, metal, sand, salt or glass, it must be swept out prior to loading and the ZFS Sweep Verification Form must be completely filled out and given to the ZFS elevator.

We realize that this puts some additional burden on growers and trucking companies, but ZFS is committed to doing our part to keep the food and feed supply chain safe for consumers and we appreciate your cooperation.



New Product Showcase

ZFS Select® 1629 N



Product Characteristics	Rating
Relative maturity	2.9
Yield	1
White mold	3
Processor preferred	Yes
Standability	2
Emergence	2
Soybean cyst nematode	R
Hilum color	Black
Plant type	LB

1 = Best 5 = Poor R = Resistant LB = Large Bush



Controlling thistle takes diligence, planning

By Brett Pyper, ZFSelect Seed

Controlling thistle in a soybean crop is extremely hard, and if you are growing non-GMO beans and can't spray glyphosate, it makes it even more difficult.

But with some planning and diligence, this tough-to-kill weed can be eradicated from your fields.

If you know you have a thistle problem, and also know that you will be growing soybeans in that field the next year, it may be in your best interest to apply glyphosate and 2,4-D ester in the fall.

During the fall, the plant is moving nutrients down into the root system for storage, and by spraying at this time you should be able to get good concentrations of herbicide down into the roots of the plant.

If you can not get your herbicide applied in the fall, spraying glyphosate in the spring is your next best option.



However, be mindful of your application window with 2,4-D, as there are some planting restrictions, depending upon your rate.

If you still have thistle in your soybeans after all of this, don't throw in the towel quite yet.

You do have some limited options, such as Basagran and Cobra, but these are only effective if you spray before the thistle gets too large. The best control option is to rotate to another crop, such as corn, to increase herbicide options.



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Is every piece of machinery clean? Are the bins clean? Are the truck and wagons clean?

We also discuss the importance of knowing your seed source. What quality parameters does your preferred seed company use to determine their product tolerances? What quality standards do they have in place for other quality aspects?

However, there is a topic we have not touched on that needs to be considered as you line up your seed for 2018.

If you purchase untreated seed and have a third party putting on your preferred treatment concoction ... is that third party company clean?

There have been, and continue to be, many treaters installed throughout the state. Many of these treaters are run by quality conscious operators, but it does not take many missed soybeans to ruin a pure seed lot. And when the load fails inspection, the question becomes: What happened?

If you choose to use one of those facilities, be sure to emphasize you are not part of the 94 percent.



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ZFSelect 2017 test plot yield results

MSU Saginaw test plot

Variety	Mat.	Bu/Acre
ZFS 1716	1.6	58.1
ZFS 1719	1.9	60.1
ZFS 1420 LS	2.2	61.4
ZFS 1326	2.6	63.3
Plot average		60.9

MSU Sanilac plot averages

Variety	Mat.	Bu/Acre
ZFS 1716	1.6	65.2
ZFS 1719	1.9	66.4
ZFS 1420 LS	2.2	63.3
ZFS 1326	2.6	58.7
Plot Avg.		63.3

Jamestown Strip Plot

Variety	Mat.	Bu/Acre
DF 192	1.9	63.9
DS 2400	2.4	62.3
DF 155	2.5	62.5
ZFS 1326	2.6	63.1
Plot Avg.		62.6

MSU Clinton (Central) plot averages

Variety	Mat.	Bu/Acre
ZFS 1716	1.6	66.2
ZFS 1719	1.9	68.2
ZFS 1420 LS	2.2	66.9
ZFS 1326	2.6	71.4
Plot Avg.		66.7

MSU Central plot averages

Variety	Mat.	Bu/Acre
ZFS 1716	1.6	63.3
ZFS 1719	1.9	65.1
ZFS 1420 LS	2.2	64.0
ZFS 1326	2.6	65.1
Plot Avg.		63.8

MSU St. Joseph plot averages

Variety	Mat.	Bu/Acre
ZFS 1326	2.6	75.7
ZFS 1629 N	2.9	78.7
Plot Avg.		76.0

MSU Hillsdale test plot

Variety	Mat.	Bu/Acre
ZFS 1326	2.6	52.8
ZFS 1629 N	2.9	55.8
Plot average		56.4

MSU Clinton (South) plot averages

Variety	Mat.	Bu/Acre
ZFS 1326	2.6	73.5
ZFS 1629 N	2.9	66.2
Plot Avg.		68.0

MSU South plot averages

Variety	Mat.	Bu/Acre
ZFS 1326	2.6	66.6
ZFS 1629 N	2.9	67.9
Plot Avg.		66.7

MSU Lenawee test plot

Variety	Mat.	Bu/Acre
ZFS 1326	2.6	65.6
ZFS 1629 N	2.9	70.5
Plot average		66.3



2018 MSUE SMaRT meeting dates

Jan. 16	Baker College Welcome Center	Owosso, MI 48867
Jan. 18	Dearth Community Center	Coldwater, MI 49036
Jan. 24	The Brentwood Restaurant	Caro, MI 48723
Feb. 6	The Trestle Stop Restaurant	Hamilton, MI 49419
Feb. 7	Wagon Wheel American Grill	Portland, MI 48875
Feb. 9	Dowagiac Conservation Club	Dowagiac, MI 49047

All programs will begin at 8:45 a.m. and will end with a complimentary lunch.

Scan for more
information

