

ZFSelect™ Seed NEWS

July
2009

ZFSelect™

Bean Team News

By Dan Bailey and Ed Ralston

Rain, cool temperatures, late planting, you name it. We had our challenges again this spring and early summer with the weather. The soybean stands are fair to good, and most of the crop is going into the second trifoliolate stage.

The warmest temperatures of the year occurred June 23 to 25. The fields with loose soils for good root growth are doing better than fields with tight or compacted soils. We suggest scouting fields for aphids, other pests, and weed escapes. Soybean aphids in small numbers have been detected throughout the state.

Manganese Deficiency

Manganese deficiency is common in Michigan and can cause yield reductions if not corrected. Because of this, soybean growers need to be able to identify manganese deficiency symptoms and know the best strategy for correcting them.

Manganese deficiency typically occurs in muck soils or dark colored sands with pH levels above 5.8. Lake bed and out-wash soils with pH levels above 6.5 are also likely to have manganese deficiency symptoms.

Deficiency symptoms include yellowing between the veins on the newer leaves and stunt-

ing in severe cases. Early detection is critical to prevent yield losses due to reduced photosynthesis and nitrogen fixation.

—Source: Integrated Pest Management Resources

Michigan Soybean Hotline

Michigan soybean producers can access timely crop and pest management information throughout the growing season via the Michigan soybean hotline, a toll-free phone service sponsored by the Michigan State University (MSU) Extension and the Michigan soybean checkoff program.

To access the hotline, call 888.201.9301. You can select from six areas:

1. Insects
2. Diseases
3. Weeds
4. Agronomic information
5. Soybean cyst nematodes
6. Local weather

The updates and recommendations for each topic area will be recorded by MSU Extension specialists.

Messages will be updated as needed to provide Michigan soybean producers with up-to-

More on page 3

In This Issue:

Grain Market Update	2
Product Showcase	2
MSU Weed Tour	3
Mark Your Calendar	3
Soil to Oil.	4





Grain Market Update

By Kurt Bergstedt, Jeff Johnston, and Travis Marshall

Soybean prices have seen a dramatic drop over the last month due to a number of reasons. We still have very tight supplies in the United States and the world, but we have seen the Chinese recently back out of some export commitments and take the stance that they will use current supplies to get them by until new crop/harvest and lower prices come and basis levels drop.

There has been talk that with the dry weather in South America, there might be less wheat planted and more soybeans, adding to the downward trend. We know the market can do anything it wants, no matter what the indicators say the markets should do, so always use target prices and scale up your contracting as the market moves. There's a very good possibility of sub \$8.00 new crop soybeans if we get a decent crop in the U.S.

The weather will be our main focus over the next few months. Remember that the USDA releases its crop conditions and ratings report every Monday at approximately 4 p.m. The markets generally react that next trading session by what the government feels the crop is compared to last year and the five-year average.

Below is a chart of November soybean futures since the first of January 2009, showing the recent drop in the markets, especially since the jump in mid-June:



Product Showcase

ZFSelect 728 LL



Product Characteristic	Value
Yield	4
Relative maturity	2.6
Stress	4
Average seed per pound	3,100
Processor preferred	PP
Standability	4
Emergence	5
No-till adaptability	4
Soybean cyst nematode	S
Good ground	5
Marginal ground	4
Muck	NA
Hilum color	Black
Plant type	I

1 = Poor, 5 = Best, I = Intermediate



Bean Team News

Continued from page 1

date information for improving soybean yields and farm profitability. When pests or diseases affect the soybean growing season, frequent updates will provide information on the latest scouting and control recommendations.

The hotline will be updated through fall harvest. Anyone requiring additional or more in-depth information can call any county MSU Extension office at 888.678.

3464.

—Source: Integrated Pest Management Resources

Welcome



Paul Wamhoff is our new specialty seeds intern for the summer. Paul is studying agricultural business manage-

ment at MSU and will be a junior in the fall.

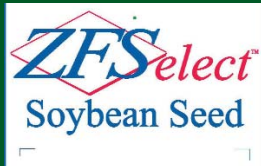
Claude Mohr

We received sad news on May 31 that Claude Mohr passed away after a brief battle with cancer. Claude worked at ZFS for 12 years and is greatly missed.

MSU Weed Tour

Thanks to everyone who came to the MSU Weed Tour on July 1. We enjoyed seeing you and sharing good conversation.

If you have questions about anything that was discussed, please feel free to call us.



Mark Your Calendar

We'll be at the MSU Ag Expo in East Lansing, Michigan from July 21 to 23. Stop by to visit us at lot #764 and check out the ZFS Select seed plot by our tent.

In August we'll have ZFS Select mini field days, with the dates to be announced

by late July. Topics of interest will include diseases, foliar treatments, aphids, spider mites, and weed control follow-up with Gary Powell.

Other summer events you can visit us at are:

- DF Seeds Best of the Best Plot August 13 Dansville, Michigan
- Harvey Milling Field Day August 20 Carson City, Michigan

Soil to Oil

As valued growers of ZFSelect non-GMO soybeans, you work hard all season to grow and harvest your soybeans. Have you ever wondered what exactly happens to your soybeans after they're dropped off at ZFS?

The oil from soybeans go into making our Zoye 100 percent pure non-GMO soybean oil, and we're doing it the "green" way!

Our "soil to oil" process ensures complete identity preserved control over our soybeans—from planting the seed to processing



the oil. The soybeans are harvested under identity preserved methods, which ensure that Zoye is pure and always meets the highest quality standards for our customers. Then the soybeans are sent to our processing plant where, using renewable energy, they're made into food-grade oil by extracting the oil from the soybeans.

We're committed to minimizing our environmental footprint by using renewable energy and biodiesel and implementing other sustainable practices company-wide. Our oil processing plant is no exception to this commitment.

the oil.

First, ZFSelect low-saturated and low-linolenic seeds are planted. As the seeds grow, they're carefully monitored.

The energy needed to power our processing plant is recovered from a local waste-to-energy landfill via our own six-mile pipeline. The methane gas is then used to create steam and to power a reciprocating engine, which in turn powers the processing plant and soybean oil refinery.

From soil to oil, Zoye 100 percent soybean oil is all natural, identity preserved, and produced with renewable energy, so it feels good to cook with Zoye!

The soybeans processed at ZFS are used to make a wide variety of Zoye products, including Zoye Low-Sat, Zoye Low-Linolenic, Zoye Everyday Salad & Cooking, and Zoye Everyday Frying & Cooking.

The next time you ask yourself, *Where do those soybeans go after they leave the farm?* remember that they could be used to make a healthy, delicious, and environmentally friendly Zoye product!



P.O. Box 290 • 2525 - 84th Avenue
Zeeland, MI 49464

800.748.0595 • F: 616.748.1878
www.zfsinc.com

PRSRT STD
US POSTAGE
PAID
ZEELAND MI
PERMIT NO 57