# THE TOTAL SPECTRUM

## A Weekly Blog Covering All Things Spectrum Non-GMO

# POST-HARVEST ROOTWORM DEFENSE

We have walked quite a few fields this week and have noticed some late season insect pressure. The good news? All of this insect pressure has arrived post-pollination and most likely will have zero impact on yield. The bad news? This late-season insect pressure could impact next year's yield.

Insect pressure doesn't mean you have to abandon your Non-GMO strategy. You can absolutely defend your Non-GMO acres but what exactly are the best defensive plays a Non-GMO farmer can deploy to prevent yield losses?

Your best bet is to begin scouting now. For example, we noticed western corn rootworm females in a Non-GMO field last week. (See our From the Field report.) These beetles will most likely lay eggs that will overwinter and become problematic next year. The grower now knows rotating corn acres and/or insecticide, especiallly if beetles are noticed in soybeans, is going to be essential.

For another point of view, the University of Illinois is suggesting you begin looking now for rootworm damage. If resistance is discovered, switching those traited acres to Non-GMO can be helpful in combating resistance.

## FROM THE FIELD REPORT

We have had several opportunities to walk fields this week, especially around our home base of central Indiana. Crop health continues to impress. There is some disease presence but to date, we have not discovered anything too terribly concerning.

One thing we have noticed is a presence of western corn rootworm females on exposed ears. Most of these discoveries have been in corn long past pollination so no immediate concerns. However, next year's crop could be impacted. Now is a good time to get out and scout to see what might be planning to overwinter on your acres.

In other news, here are a few updates we've collected this week:

**Central Indiana:** Good plant health, most corn is past pollination, great ear fill is being spotted

**Northwest Iowa:** Dry weather conditions but grower reports Spectrum 4046 and 4432 are impressive and looking better than the neighbor's competitive brand! (See picture below.)

From Bob Orban, Iowa

## AGRONOMY UPDATE

## IS IT POSSIBLE TO KEEP NON-GMO SOYBEAN FIELDS CLEAN?

This question is asked a lot. "Is it possible to keep weeds out of Non-GMO soybeans?" It's a fair question, especially since weed pressure is so prevalent in traited soybean fields.

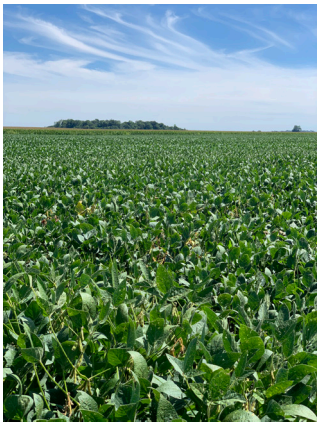
The truth of the matter is, you can have clean Non-GMO soybean fields but it will require a little work. Fortunately, it's not going to require any more work than a traited field of beans.

Start clean with an appropriate burndown herbicide followed by a pre-emergence herbicide. For additional control, consider a post-emergence herbicide application. The image below is from a Spectrum customer who followed this exact approach.

Spectrum has incredible partnerships with retailers throughout the country that can assist you in developing an effective herbicide program that will leave your bean fields clean.

**Conclusion:**

It is possible to keep Non-GMO soybean fields clean!



## BREEDER SPOTLIGHT

This week Scott Johnson, Spectrum Non-GMO's breeder, is sharing thoughts on a hybrid he feels deserves a few minutes in the spotlight.

"This week I wanted to share a few updates on Spectrum's 6105. This hybrid is like an old friend. It's reliable and growers like it because it offers a lot of flexibility in making management decisions. 6105 has a longer flex ear so you'll notice that as you walk fields. When placing this hybrid in 2021, make sure to talk to the grower about their population--that long flex ear will do well at a lower pop. This plant will produce and higher test weights can be expected. This is a plant you can harvest for grain or silage."


## PHOTO OF THE WEEK

Spectrum's CEO, Josh Richey, visits with long-time Spectrum dealer, Virgil Teuscher.

Taken at Teuscher Family Farms
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