

## **Weekly Crop Monitoring Report**

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### **Soybean Aphid**

The question/questions of the week... Are we done yet? When will the aphids leave? When can I quite worrying about these aphids?

The good news... we are coming down the back stretch!

### **When Can I quite worrying about these aphids?**

It is not economical to spray past the R6 stage of beans for aphids. It is not really understand what the right threshold is for R5 beans. There is some evidence that it is still a 250 threshold and some evidence that it should be higher at that point in time.

### **When will the aphids leave?**

Soybean aphids leave a field when the soybeans start maturing and dropping their leaves. It is important to note that it is not economical to spray R6 stage beans because there is usually a spike in the aphid populations before they produce winged aphids and they take off to the buckthorn. If you see a large spike in the aphid population and your beans are at the R6 stage, it probably means they are about ready to leave.

### **What does R5 and R6 stage beans look like?**

This is not always easy to determine because there may be pods looking like R6 at the bottom of the plant while the top looks like R4. I have attached a good reference with pictures for soybean staging. Please see the link from the University of Wisconsin. If you would like some help determining the stage of your beans, call your local HEC agronomist. We are always willing to come and help out.

<http://www.uky.edu/Ag/IPMPrinceton/SoybeanAphid/soybean%20stages.pdf>

### **What are the aphid numbers doing this week?**

The HEC agronomists are not reporting much re-infestation after the first application of insecticide was applied. There are a few fields that were sprayed this week for the first time as the numbers showed they were at treatment levels. There are also fields that still have not been sprayed, and it doesn't look like they will have to be sprayed. If these cooler temperatures remain, we will probably be on the back side of the treatment.