

## **Arthropod Management Update**

### **Rick Brandenburg, Entomology and Plant Pathology**

All thrips control products seemed to work well this spring, no major differences among the major products and when a 3 week post app of acephate is applied any initial differences that we have ever seen over the years from the in furrow treatments are masked by the acephate treatment.

Appears to be a bit more TSWV, a slight increase. We may have to get more serious about preventive approaches in the future if this trend continues, but varieties are really helping us.

Why don't farmers in NC want to use Thimet (phorate). They all say it is because of the phytotoxicity even though I have NEVER seen a yield reduction from it. In SC, GA, AL, FL, TX, they all use Thimet. In SC some growers are actually putting two products in furrow and one of them is almost always Thimet.

How many farmers are using the generic aldicarb?

We did not see any indications this year that Admire Pro suppressed leafhoppers in our plots as we had in previous years.

Spider mites are out there, but not making much impact. Still plenty of time in August for a problem.

Worms are present, but I have not had any reports of major issues. Lots of bollworms and some resistant budworms, so more and more growers going with actual worm insecticides rather than cheap pyrethroids. Fall armyworm populations are already really high in many areas, but the damage they do is nothing like that from budworms or bollworms so I am much less concerned about them. There have been years when fall armyworms were real abundant at digging and they move up the inverted plant and fed on the pods and on occasion huge numbers end up in the trailers and are crawling out all over the place. Seen it only a few times, but we could have a location or two where that happens given the high numbers of fall armyworms I am seeing everywhere. They are tougher to kill than budworms.

If you are in high risk soils for rootworms or under irrigation you need to be getting your Lorsban out. Early August can be too late.

We are actually testing some new products for insect control in peanuts (hasn't happened much in the last 10 years!) for rootworm control and possibly spider mite control (both of which we could really use).

No serious reports of burrowing bugs and let's keep it that way. Reduced till fields are the primary targets.