

Question:

I had a grower ask me to check one of his peanut fields recently. He said he was worried that it was leaf spot but had put out Dual Magnum as well and was hoping what he was seeing was Dual burn.

He said he applied 12oz of dual preplant and another 12 oz ovetop just before cracking. I'm not sure how long ago it was but the plants are around 4-5 in tall.

A lot of the spots look like leaf spot to me but don't seem to have the dark color of late leaf spot. I put some leaves in a bag with a wet towel to see if I saw any spores but didn't see any except possibly on one spot.

Alot of the leaflets with spots on them are either partially level or completely level.

I've added some pictures I have taken.

What do you think? Could Dual cause damage? I could find anything in the label. Or is it leafspot?









Jordan:

This is not leaf spot caused by a pathogen and I also do not think it is Dual. Did the farmer apply Thimet? That could be the issue on lower leaves. I have copied Rick and Barbara as well.

Brandenburg:

Doesn't look like typical Thimet injury. If it is, my experience indicates it will easily grow out of that injury, but again, doesn't match up to what I've seen. Doesn't match up with any insect for this time of year either.

Shew:

I agree. It's not leaf spot. A few leaves may shed but the plants should grow out of it.

Follow up:

Farmer didn't use Thimet. Used Ag Logic. After talking with him more, he said that a farmer across the road had sprayed Liberty on cotton before the leaf spot had been noticed. There is a gradient across the field of this leaf spot where the peanuts closest to the cotton have more leaf spot. Could Liberty have caused some of this damage?

Brandenburg:

AgLogic isn't going to cause it or I should say I've seen aldicarb cause phyto about 3 times in the last 35 years, so I think we can rule that out.

Shew:

Can you send images of the gradient? I suspect that is it.

Follow up:

It wasn't easy to show because it seems that either the plants have grown out of it or the leaflets that were affected have fallen off. Either way I have sent four pictures as I walked across the field. Each picture is about 50 yards from the other and I have numbered them as well.









Shew:

That's a great illustration of a gradient.

Jordan:

That makes sense with Liberty. If drift rates, peanuts that do not die will often grow out of the injury.