Agronomy Information and Tips

Meeting Schedule: Yellow Corn—sulfur, dry spring, other nutrients, what caused 2011 crop issues? You are invited to attend a set of morning coffee meetings to discuss the 2011 growing season. There is a $5 fee to cover handouts and other meeting expenses. Please RSVP to Holt County Extension office at 446-3724. Wayne will be handling the meetings.

Tuesday, December 13, Atchison County Extension office, 9AM
Wednesday, December 14, Holt County Extension office, 9AM
Thursday, December 15 Andrew County Courthouse Basement Meeting Room, 9AM
Friday, December 16, Buchanan County Extension office, 9AM

Webinar to examine how agencies can help in flood recovery will be held at the Holt County Extension office Meeting Room, Tuesday December from 1:30 to 4:30 PM. Computers technology will connect us with speakers from other states. The target audience is farmers.

Future herbicide labels regarding 2,4-D, glyphosate and Banvel will suggest using a Turbo TeeJet Induction nozzle. Other manufacturers have similar nozzles. The Turbo TeeJet uses the original Turbo TeeJet orifice design but adds on a air induction. The design minimizes plugging and creates large-air filled droplets through a Venturi air aspirator which results in less drift. As herbicide resistant crops are developed with these older herbicides, drift is of concern.

DHT corn and soybeans traits are being developed by Dow AgroSciences. DHT traits have resistance to 2,4-D and aryloxfenoxypripionate in corn and 2,4-D resistance in soybean.

Dicamba resistant soybean is being developed by Monsanto. Dicamba resistant soybean and 2,4-D resistant soybean are not cross resistant.

Dr Greg Tylka, Iowa State, provided information at the Missouri Crop Management Conference this past week regarding corn nematode economic thresholds. Dagger and lance are 300 to 400, lesion, 1,000; needle, 1; ring, 100; spiral 500 to 1,000, sting, 1 and stunt 100. The ET for lance and lesion nematodes is per gram of root while all others are 100 cc of soil.
Pyroxasulfone is marketed by Kumi. It will be sold as Zidua by BASF; Fierce, Valent and Athen by FMC. The product acts like a metochlor containing product and Fierce and Athen have other active ingredients besides pyroxasulfone.

Frogeye leaf spot in soybeans. Corn rotation reduces the chance of an economic level of this soybean disease. This disease survives on soybean residue.

The flooding has brought up several issues regarding Wetland Compliance. “Farmed wetland” which have been scoured is not exempt for WC provisions and must be checked by NRCS for determination before any filling or leveling. If deposition of sediments occurred, then a new certified determination is recommended. If there was a “wetland” prior to the flood event, scouring of the area is not exempt and cannot be filled or leveled without compensatory mitigation. If sediments are deposited, a new certified determination is recommended. Check with your NRCS office to answer your questions.

Mark your calendar for the Corn Growers meeting scheduled for Monday, January 23 at the Ramada Inn, in St Joseph. Registration begins at 8:30AM.

Two meetings regarding Ag related topics with the 2011 flood will be on January 12. Details being worked on. One meeting will be held in Holt and one in Atchison County both being held the same day.

Research suggestions at Graves Chapple Farm. We are looking to target the highest priorities so we will be surveying during winter meetings. Please understand that we may not have the equipment to handle certain types of experiments and also we have to be careful of time. Let Jim or I know.

If you would like to be added to our electronic mailing list, please contact Charmaine Flint, Holt County Secretary at 660-446-3724.

Information contained in this newsletter is intended for use in Northwest Missouri and may need to be adapted to other locations. We ask that you credit University of Missouri Extension if you use this information.