Agronomy Information and Tips

Meeting Schedule:

February 7—Private Applicator Training, Clinton County Youth Building, Plattsburg. Starting at 9AM following will be an update on Micronutrients

February 10—Private Applicator Training, Community Room at the DeKalb County Courthouse. Starting at 9AM with training following with update on Micronutrients

February 15—Buchanan County Ag Update, Buchanan County Extension Center starting at 8AM for Private Applicator training followed by Ag Updates by various other Extension staff until noon.

February 16—Andrew County Ag Update, Clasbey Center, Savannah starting at 8AM for Private Applicator training followed Ag Updates by various other Extension staff until noon. A light lunch will be provided by the Andrew County Extension Council.

February 16 Private Applicator Pesticide Training, 6:30PM Holt County Extension Center, Oregon

New spray tip offered by spraying systems. The Turbo TeeJet Induction tip combines the outlet orifice design of the Turbo TeeJet with that of air induction. These tips are designed for use with dicamba and 2,4-D soybeans to reduce spray drift using large diameter droplet sizes. Nebraska researcher indicated minimal plugging and works in a wide ranges of pressures.

Soil tests values return to normal after drying from the Mo River flood. The phosphorus soil test values increased in our tests when taken in September after the flood. Soil tests taken in the same area now have dropped back to normal levels indicated by soil tests taken the first week of January. Soil pH levels have also returned to normal. Be careful of sampling sites that have continued to be wet since the flood.

White crust on the soils after the flood were salts. Calcium, magnesium and sodium were carried in the water from the western states. These were dissolved in water and could have caused crop germination problems without rain flushing these through the soil profile.
Burning the old plant residues in converting CRP can increase herbicide weed and brush control. The conversion of CRP to row-crops may require control of both broadleaves and perennial grasses. Burning these to remove the residues can aid in obtaining good spray coverage for effective herbicide control.

BASF will be offering Zidua (pyroxasulfone) for residual control of waterhemp. Valent will be offering a new pre-emergence herbicide Fierce (pyroxasulfone and flumioxazin). Also, Dormark fungicide sold by Valent is now registered in corn. It is in the triazole class of fungicides.

FMC will be offering Anthem herbicide which is a mix of two modes of action (pyroxasulfone and fluthiacet-methyl).

Basis Blend will be offered by Dupont. This is a mixture of rimsulfuron and thifensulfron.

Bayer CropSciences will also be providing Poncho/Votivo for soybeans. This is a combination of insecticide and biological seed treatment.

Syngenta will be marketing Zemax herbicide which contains mesotrione and S-metolachlor.

Honey bee deaths linked to insecticide neonicotinoid seed treatments. Researchers at Purdue found that talc used with these materials is being blown into the environment. Tests conducted indicated found this class of insecticides in dead and dying bees. They acknowledge that the US loses about one-third of its hives each year to many different causes.

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.