

It's HOT, but our glyphosate prices are WAY TOO COOL!
Check our price on totes and 30's.

LOGAN AG NEWS

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August 2010
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Logan Ag Plot Tour Dates Set

Mark your calendar and plan to attend the Logan Ag/Lewis Hybrids plot tour on Wednesday, August 18 at the Joe Browning shop located just south of Perry, IL. Tentative plans call for the plot tour to begin at 5:00 PM with meal and short presentations to follow.

Friday, August 20 is the scheduled date for a bus trip to the Dow research facility at Lexington, IL near Bloomington. Dow AgroSciences, Mycogen and Logan Ag serve as your hosts. At the farm, visitors have the opportunity to view latest corn hybrids and soybean varieties from Mycogen, as well as see the outstanding weed control provided by Dow herbicides in corn and soybeans.

These tours offer you the opportunity to see current seed offerings, as well as hybrids that will be available commercially in 2011. Formal invitations will be issued for both events. Your attendance is welcome. Call the Logan Ag office at 1-800-LOGAN AG or email info@loganag.com for more information.

Pre-pay & Save

Fall fertilizer application season will be here soon, and your Logan Ag crop specialist has pre-pay prices right now!

You can save on anhydrous ammonia, DAP and potash by contacting your Logan Ag crop specialist today and cashing in on the lowest prices of the season. Logan Ag offers pre-pay discounts on custom application of dry fertilizer and anhydrous ammonia also.

The possibility of early harvest should allow time to catch up on

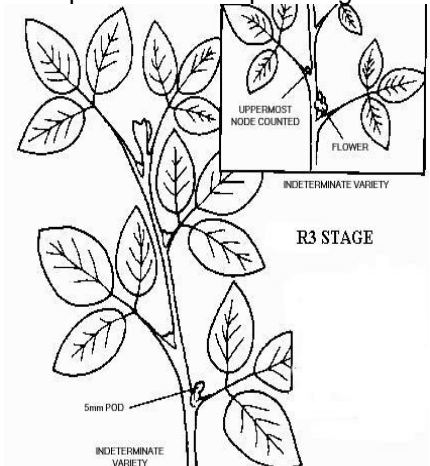
soil testing, and Logan Ag is ready to assist you with GPS or regular sampling. And, to make certain your nitrogen is applied in a timely fashion, schedule your custom applied ammonia acres also.

Logan Ag's anhydrous ammonia nurse wagon fleet features nearly 75 wagons. The vast majority of the wagons have 1450 gallon tanks for fewer stops while applying. Four dry fertilizer spreaders are ready to make application of P and K and/or limestone. Two tractors are ready to custom apply anhydrous ammonia. And, every pickup truck, tender truck, fertilizer spreader and tractor operates on biodiesel or ethanol blended gasoline!

Stop by the office or call today.

Why Apply Soybean Fungicide

As soybeans enter the reproductive stage of growth (when pods begin to form), many growers contemplate a fungicide application. In 2010, there's good reason to go ahead and make the application. Warm, wet weather conditions promote the spread of foliar diseases in soybeans. Diseases such as Septoria brown spot, frog-eye leaf spot and Cercospora blight



R3 STAGE

are commonly found in soybeans.

In trials conducted at the University of Illinois and Southern Illinois University, researchers observed yield benefits from fungicide applications made at the R1 to R3 growth stage when moderate to high disease pressure is present. Soybeans are at the R3 growth stage when pods are approximately 3/16" long at one of the four uppermost nodes as shown in the illustration on the previous page. Yields were increased by an average of 3 bushels per acre in low disease pressure. Yield increases of 9 bushels per acre were noted in moderate to high disease pressure situations.

Research conducted by Pioneer Agronomy Sciences indicates yield is further enhanced by a combination of fungicide and insecticide application. Insecticides, combined with a fungicide, help control any insects feeding on soybean plants (bean leaf beetle, Japanese beetle, soybean aphids, etc.), as well as provide a synergistic plant health benefit to maximize soybean yield. The Pioneer research, conducted from 2004 - 2008, demonstrated the addition of insecticide to the fungicide application consistently provided yield benefit of nearly 2 bushels per acre.

Current soybean prices enable growers to apply inputs and maximize yields. Logan Ag crop specialists recommend several fungicides and insecticides for your consideration. Ask us about a fungicide/insecticide application, and increase soybean yields and profits!

Fall Is Prime Time To Lime

Every good fertility program begins with proper soil pH (the

level of the soil's acidity or alkalinity) and the application of ag lime. Acidic soils hinder the availability of certain essential plant nutrients including nitrogen, phosphorus and potassium. Despite the importance of regular applications of ag lime, many fields have low soil pH.

For years, most fertility recommendations suggested maintaining soil pH of 5.8 to 6.5 for corn production and 6.0 to 6.5 for soybean production. Today, as the availability of nutrients has become increasingly important, and the use of herbicides prone the carryover from one crop to another such as high rates of atrazine in corn and Canopy DF in soybeans has diminished, many agronomists recommend raising soil pH levels. Logan Ag Certified Crop Adviser Edward Logan recommends maintaining soil pH of 6.5 to 6.8 for both corn and soybeans. Backing this recommendation is the fact that major plant nutrients – nitrogen, phosphorus and potassium – are most available to plants when the soil pH is between 6.5 and 7.0.

So how does the application of ag lime to increase soil pH impact crop production?

- *Increases yield by improving availability of major plant nutrients*
- *Reduces soil acidity*
- *Creates favorable soil environment for micro-organisms to break down residue*
- *Increases nitrogen fixation by bacteria*
- *Improves performance of some herbicides*

Soil tests determine pH and nutrient status of production fields, and provide an indication of limestone application. Your Logan Ag crop specialist can assist you in obtaining soil tests immediately following harvest,

and our Certified Crop Advisers will make cost-efficient ag lime recommendations for your fields.

Logan states, **"It takes about 6 months for limestone to react in the soil and begin increasing pH. Finely ground lime requires less reaction time than coarse grinds."**

Thus, fall is the ideal time for lime application to benefit spring planted crops. Lime is preferably applied immediately after harvest and before tillage operations begin. Call Logan Ag to discuss your fall lime application program.

Fill 'Er Up With "2 + 2" Special

During August, Logan Ag's petroleum division offers a "2 + 2" pre-harvest fill up special on diesel fuel, gasoline and motor oil/lube products.

Any bulk delivery of diesel fuel, gasoline or motor oil/lube products, excluding semi-load quantity, made from Aug. 2 through Aug. 27 qualifies for an additional **2%** cash discount. Coupled with our normal 2% cash discount, the "2 + 2" special saves you **4%** compared to our term price. This additional cash discount could save you more than **5¢** per gallon on fuel and up to **25¢** per gallon on motor oil at current prices.

Logan Ag has long been recognized as the renewable fuels leader in Western Illinois. We recommend biodiesel and ethanol blended gasoline to all customers, and use these products in our equipment every day. We purchase only highest quality biodiesel made from 100% soybean oil for blending with diesel fuel. For quality products, competitive prices and service that exceeds your expectations, call Logan Ag today for petroleum products!