

Logan Agri-Service, Inc
Griggsville, IL
217-833-2375

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LOGAN AG – your “GO TO” place for seed, fertilizer, crop protection chemicals, custom application and petroleum products. Ask about our prescription non-GMO herbicide programs.

LOGAN AG NEWS

Pittsburg, OH
937-692-5181

Happy New Year

Everyone at Logan Ag wishes you a Happy New Year! Many issues faces growers in the year ahead: herbicide resistant weeds, decisions regarding non-GMO crop planting, another year of high fuel prices, increasing cash rents, and more.

Now in our 50th year, Logan Ag assists growers with quality products, competitive prices and service that exceeds your expectations. Put our qualified sales, application and bookkeeping staff to work for you in 2012!



VRT Upgrade

Are you interested in multi-product variable rate (VRT) application? Look no farther than Logan Ag for simultaneous application of phosphate and potash at variable rates across the field. A newly acquired insert for one of the New Leader spinner spreaders enables us to meet your needs. Contact Jeff Butler or any of the Logan Ag sales team for more information.

Chemical Comments

Refer to the attached pages of this newsletter for comments from crop protection chemical representatives regarding products and recommendations for 2012 weed and insect control. This month, participating reps include **Alan Creek (AMVAC)**, **Mike Drinen (MANA)** and **John Mohr (Gowan)**. We thank all our reps for their support of Logan Ag News this year.

Paris, MO
573-406-8579

Strong Demand For Biodiesel

The biodiesel industry expects strong demand for product in 2012, following increased product usage across the country in 2011. However, Congress' failure to extend the federal blenders' tax credit at year end could stall potential demand. The federal blenders' tax credit of \$1.00 per gallon offers long-term stability and predictability to biodiesel producers, petroleum distributors and investors. Also now expired is the 45¢ per gallon ethanol blenders' tax credit.

EPA calls for an additional 300 million gallon biodiesel obligation in 2013 that will create a total market of 1.28 billion gallons. The aforementioned tax credit and state blending policies will spur the development of infrastructure to meet the '13 goal. Senators Grassley and Cantwell introduced the Biodiesel Tax Incentive Reform and Extension Act of 2011 in June. The bill has strong bipartisan support, with Rep. Schock and Rep. Peterson serving as co-sponsors of the measure in the House.

Several states have programs in place to boost biodiesel usage. Illinois offers sales tax exemptions on biodiesel blends: 20% exemption on blends from 1% to 10%, and 100% exemption on blends containing greater than 10% biodiesel. Iowa, in 2012, initiates a program to provide incentives to retailers blending B2 or B5. Minnesota, long the leader in biodiesel mandates, requires all diesel sold in the state to be blended with 5% biodiesel, and awaits the development of additional production infrastructure to implement 10% blend mandates. The B10 mandate is set to take effect in

2013. It will be interesting to follow the winter performance of B10 in Minnesota's cold climate.

Logan Ag is a strong supporter of biodiesel, having successfully blended product at our Petroleum Distribution Facility in Griggsville for several years. With highest quality B100 on site, we can make blends from 2% to 20% or more. **Call Logan Ag for biodiesel – your “Renewable Fuels Leader”.**

Include Starter In Fertility Program

Corn fertility experts agree that high yield grain production requires available phosphorus in the earliest stages of the growing season. In fact, the maximum number of kernels per ear is determined by the fifth leaf stage, and is directly impacted by the percentage of phosphorus in the plant tissue at that time.

Including starter fertilizer in your total soil fertility program ensures phosphorus availability in the early stages of the growing season. Logan Ag's recommended starter fertilizer program provides more than 13 LB phosphorus in furrow to feed the young corn plant, and maximize potential corn yield. And, with PMAX™ included in the mix, the availability of phosphorus is enhanced.

EDTA chelate zinc is a standard recommendation in all starter mixtures. Zinc is an essential micronutrient in corn production, and is part of a typical micronutrient soil test. In fact, many test results indicate zinc is deficient and should be added to fertility programs. Zinc aids uptake of phosphorus by the plant, helps increase kernel depth, and is important in improving test weight.

NPK row starter from Logan Ag is a low salt, non-corrosive formulation, making it seed safe

and easy on planting equipment. Of tremendous importance today is the ability to include liquid insecticides in the starter mixture. Non-GMO growers can apply rates adequate to control corn rootworms, while producers using rootworm traits can apply enough insecticide to control troublesome secondary pests such as grubs, wireworms and cutworms. Capture® LFR mixes easily with starter fertilizer.

Equipment requirements are minimal and easy to install. Some costs may be offset with rebate programs from manufacturers. Contact Jerry Wilson or any member of the Logan Ag sales staff for more information on application equipment.

In today's corn economy, it's more important than ever to maximize production. Are you allowing early season phosphorus availability to limit your corn yield potential? Logan Ag can help. Call or visit us today to discuss row starter for the 2012 planting season. PMAX is a trademark of Midtech R&D, Inc. Capture is a trademark of FMC Corporation.

Potential For Herbicide Resistant Weeds Changes Plans

Weed specialists warn 2012 may be the year resistant weed species sprout on your farm. Already, several weeds have demonstrated resistance to glyphosate, ALS-containing herbicides and other available chemistry. Many of the presentations during the winter meeting season will discuss how to combat herbicide resistance. Review Logan Ag's views in the article *Fighting Glyphosate Resistant Weeds* in the September 2011 issue of Logan Ag News available online at

www.loganag.com. Click on the newsletter icon to download the September 2011 issue.

Regardless of the chemical program you select for corn or soybeans, the key element is effective residual control. Most weed specialists including Certified Crop Adviser Edward Logan advocate “full rate” application of residual herbicides in corn and soybeans regardless of whether the crop is Roundup Ready®, Liberty Link® or non-GMO. Most residual herbicides offer some control of resistant broadleaf weeds, and help keep populations in check. Follow up post application(s) of escapes must be made to prevent a buildup of resistant weed seeds that will germinate in future crop years.

Clean fields can no longer be obtained with glyphosate alone. The Logan Ag staff of crop specialists will assist you in developing a cost-effective herbicide program for your farm. Roundup Ready is a trademark of Monsanto. Liberty Link is a trademark of Bayer.

Then And Now

Remember the good ol' days of 2010? We thought fuel prices were high then, but compared to December 2011 they were a bargain. Here's the low-down:

PRODUCT	12/17/10*	12/26/11*
GASOHOL	\$3.187	\$3.42
B11 DYED	\$2.955	\$3.171

*Logan Ag weekly tankwagon delivery fuel price list for Illinois customers.

Keep in mind as you compare prices of these renewable fuels (gasohol with 10% ethanol and biodiesel with 11% soybean oil) the impact corn and soybean prices in 2011 had on ethanol and biodiesel. The failure of Congress to extend the Federal Blenders' Tax Credit increases the price of all renewable fuels. Call for **1-800-LOGAN AG (1-800-564-2624)** for current product price quotes.