

Logan Ag - Griggsville facility - summer interns Brett Hendricks (John Wood Community College) and Kyle Anderson (Illinois College) are busy scouting corn and soybean fields for weeds, insects and diseases. Call 1-800-LOGAN AG today!

LOGAN AG NEWS

Correct Glyphosate Rates Required

Obtaining effective weed control in Roundup Ready crops requires use of correct glyphosate rates. The chart below lists the rates of several popular glyphosate products and the corresponding labeled weed heights.

PRODUCT/RATES			WEED SPECIES/WEED HEIGHT			
Roundup brands	Durango DMA	41% Glyphosate	Annual Weeds	Marestail	Waterhemp	Morning-glory
16 oz	18 oz	24 oz	1-3"			
22 oz	24 oz	32 oz	4-8"	1-5"	1-6"	1-3"
27 oz	30 oz	40 oz	9-12"		7-10"	
32 oz	36 oz	48 oz	13-18"	6-12"	11-18"	4-6"
44 oz	48 oz	64 oz	>18"	>12"	>18"	

The "take home" message from this rate chart is that **marestail**, **waterhemp** and **morningglory** are difficult weeds to control with glyphosate products. For best results, follow rate recommendations for specific weeds and heights carefully. Logan Ag crop specialists can assist you with rates and

additives required for weed control. Call 1-800-LOGAN AG.

Fertilizer Update

Following a hectic spring application season that saw long lines and product shortages at all area anhydrous ammonia terminals, the industry looks forward to restocking inventories and summer fill/fall prepay price programs. Following is a snapshot of the NPK marketplace.

Anhydrous Ammonia:

Supplies remain tight, but producers look forward to moving tons into terminals for summer fill and fall prepay programs. Prices are anticipated within the next 30 days as suppliers become aware of inventories and import pricing.

Nitrogen Solutions: Adequate supply is available but prices remain on the high side. Summer fill programs will be announced after the completion of sidedress application.

Urea: Prices are drifting downward and supplies are adequate as a result of limited wheat acres. Some areas converted corn acres to urea when ammonia was scarce. Most retailers do not stock urea for fall application, and present local inventories are reduced.

Phosphates (DAP): Supply is plentiful, but India recently purchased tons of DAP, and that has placed a floor on prices for fall. Some slight reduction of DAP price for fall is forecast

Potash: Spring application was strong. Declining inventory levels, as well as global demand for potash, limit downside price movement. The industry expects fall 2010 prices similar to year-end 2009, and anticipates announcements within the next 30 days.

Logan Ag believes fertilizer markets have returned to more “normal” status, and encourages growers to make fall purchases when early programs are announced.

Sable™ Slow Release Nitrogen Maximizes Yield

You have a field with that “picket fence” stand of corn, and you want to maximize yield potential. Or, perhaps you have a field with wet spots where nitrogen has been lost and the crop needs more N to salvage yield. What is the resolution to these situations? A foliar application of **SABLE™** nitrogen fertilizer solution may provide yield increases in both circumstances!

Sable contains both slow and quick release forms of nitrogen to provide N to the plant over an extended period of time. The quick release nitrogen (28% of the total) provides an immediate boost for the crop, while the slow release nitrogen (72% of the total) provides additional nitrogen to the plant during critical kernel development periods.



V6 – 6 leaf collars visible

Sable may be applied from the V5 to V8 stage of growth. This yield maximizing nutrient may be combined with glyphosate or other postemergence herbicides at the rate of 1-4 gallons per acre. For use as supplemental nitrogen, Logan Ag recommends

1-2 gallons Sable per acre. In fields where nitrogen loss is suspected or evident, apply Sable at the rate of 3-4 gallons per acre. Sable will not burn foliage.

The cool, wet conditions experienced across much of the Corn Belt during early-to-mid May have slowed plant growth. Corn roots have not yet reached compacted soil regions caused by last year’s harvesting problems. When weather conditions become optimal for plant growth, corn plants will reach for all available nutrients. Make certain you have adequate nitrogen with a foliar application of Sable!

™Sable is manufactured for Rosen’s Inc.

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Fuel Program Customers Save \$

Diesel fuel customers under contract for the Logan Ag Fixed Price Plan spring fuel program saved money on their fuel purchases in recent weeks.

The spring fuel program offered a fixed price for B11 premium diesel fuel for deliveries made from March 1 through June 30. Logan Ag’s retail price exceeded the fixed price during the period from April 5 through mid-May by **as much as 20¢ per gallon.**

Want to save money on your diesel fuel purchases? Watch for information on our upcoming fall fuel program. Depending upon market conditions, we will offer either a fixed price contract or capped price contract, or both.

Managing Spray Drift

Spray drift is defined as the physical movement of a pesticide through air at the time of application to off-target sites. Spray drift results in poor pest control, as well as possible injury to adjacent crops. In some locations, spray drift causes injury to gardens and residential landscape. Wind and spray droplet size greatly impact the potential for off-target movement. Good management practices can reduce the amount of drift.

There are several means to reduce spray drift. Mechanical measures include **reducing spray pressure** (30 PSI recommended), **increasing spray volume** (forms larger droplets), **lower spray boom height, utilize nozzles that produce large spray droplets** (turbo flat fan is a good choice), and **reduce speed**. Logan Ag recommends the use of drift and deposition agents that can reduce spray drift by as much as 50% to 80%. Our recommendations include **Cornbelt® Gardian®** (liquid drift and deposition management and water conditioning agent), **Cornbelt® Gardian Plus®** (liquid product with Gardian and AMS), **Cornbelt® Dri-Gard®** (dry product similar to Gardian Plus with defoamer), and **Array®** (premium dry AMS and drift agent with water retention properties). See or call us for details on these fine products. ©Cornbelt is a registered trademark of Van Diest Supply Company. ©Array is a trademark of Midtech R&D, Inc.