

PPO Resistance – What Does It Mean To Your Farm?

From the desk of Garrett Wilson

Resistance to another chemistry already? Actually, PPO resistance started in the early 2000's but was quickly relieved by glyphosate use. Now we have come full circle and find ourselves using PPO's, in addition to our glyphosate tank mix, on a regular basis.

PPO chemistries are overused in soybeans.

Pre-emerge PPO's include:

Fierce brands
Authority brands
Envive & Enlite
Valor brands
Prefix & Reflex
Sharpen

Post-emerge PPOs include:

Aim
Cadet
Resource
Cobra & Phoenix
Ultra Blazer
Flexstar

The aforementioned pre-emerge PPO's are still very effective, especially when combined with other sites of action. Post-emerge PPO's are another story. Post-emerge PPO's will require better use practices if we want to extend the lifespan of their efficacy. Staying at the high end of the labeled rates or combining them with new GMO chemistries like Liberty or RR/Extend are steps in the right direction.

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Monday – Friday
8 a.m. – 5 p.m.

Saturday
Seasonally or
by Appointment
8 a.m. - Noon

Over-lapping residuals applied prior to the emergence of water hemp and palmer amaranth is probably the best way to keep PPO chemistries viable in your weed control tool box. Examples of overlapping residuals or a “planned sequential” include:

3.5 oz Valor XLT pre followed by Prefix 18-21 days post-emerge
or 5 oz Authority First pre followed by 2 oz Anthem post
or 6 oz Zidua Pro pre followed by 10 oz Outlook post

No doubt these programs are more expensive than your basic “set-up pre” followed by Roundup and Flexstar. They are much more cost effective when you consider the potential yield loss experienced by growers who lose control of water hemp or palmer amaranth in their soybean fields.

December is a good time to review your 2016 crop results. Take the time for self-examination and acknowledge the potential weaknesses in your current soybean weed control program. The time to start planning for “cleaner beans in ‘17” is right now with your Wickman Chemical sales representative.

Explore our Website

Wickmanchemical.com

Review our list of Liquidation Products under the Buy Farm Chemicals tab

Find general information, label details, and MSDS sheets under the Chemical Products tab

Find archived copies of our past newsletters under the Newsletter tab

Other services offered and more about us can be found under the About Us tab

Stay up to date with chemical specials!



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Buy-You-Lunch meeting locations

Iowa

- Dec 8th at 11 a.m.
Red Coach Inn
Red Oak, IA
- Dec 12th at 11 a.m.
5x80 Golf & Country Club
Menlo, IA
- Dec 13th at 11 a.m.
209 Main
Paton, IA
- Dec 14th at 11 a.m.
Sports Page
Indianola, IA
- Dec 15th at 11 a.m.
Cass County Comm Bldg
Atlantic, IA
- Dec 20th at 11 a.m.
A&G Pizza & Steakhouse
Creston, IA
- Dec 21st at 11 a.m.
Twisted Tail
Beebeetown, IA

Kansas

- Dec 13th at 11 a.m.
Lions Club Building
Oxford, KS

Merge *mania*

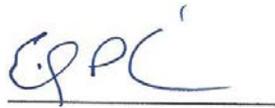
To Our Customers,

Are you concerned with the mergers of Dow/Dupont, Monsanto/Bayer and Syngenta/ChemChina? If not, you should be. These mergers mean greater market control, higher prices and a reduced menu of seed and chemical choices for agricultural producers.

What can you do? Call, e-mail or write your congressman immediately, asking them to vote 'no' on the mergers. To help you, I have included a form letter that you can sign and send to your Congressman. Alicia, our office manager in Kansas, makes this even easier by including a list of the Midwest U.S. Senators and their contact information.

Do not be a victim! Contact your Congressman and voice your concerns today!

Thank you!



Erich Wickman

A completed letter to your Senator has been prepared. Click their name below for a copy that you can print, sign, and send.

Contact your Congressman

Iowa

- [Senator Joni Ernst](#)
- [Senator Chuck Grassley](#)

Nebraska

- [Senator Deb Fischer](#)
- [Senator Ben Sasse](#)

Kansas

- [Senator Jerry Moran](#)
- [Senator Pat Roberts](#)

Oklahoma

- [Senator James M. Inhofe](#)
- [Senator James Lankford](#)

Missouri

- [Senator Roy Blunt](#)
- [Senator Claire McCaskill](#)

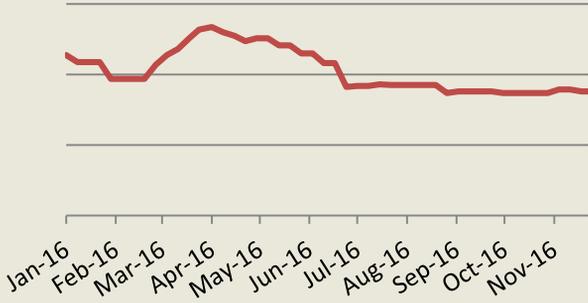
Texas

- [Senator John Cornyn](#)
- [Senator Ted Cruz](#)

Fertilizer Trends and Recommendations

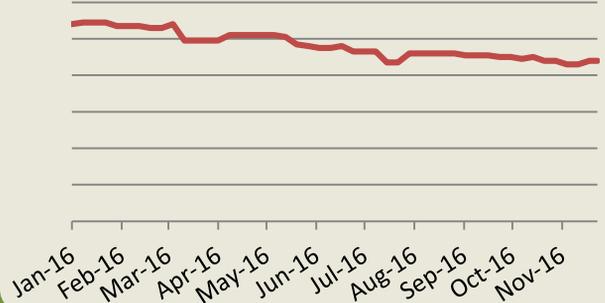
01/01/2016 – 11/23/2016

Anh. Ammonia



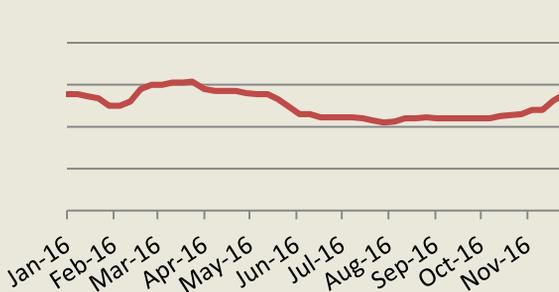
Anhydrous ammonia prices are flat to slightly higher due to cooling temperatures and seasonal demand. Retail margins are modest in comparison to the falls of 2013, 2014 and 2015. Farmers anticipating low prices for spring of 2017 may be disappointed.

AMS



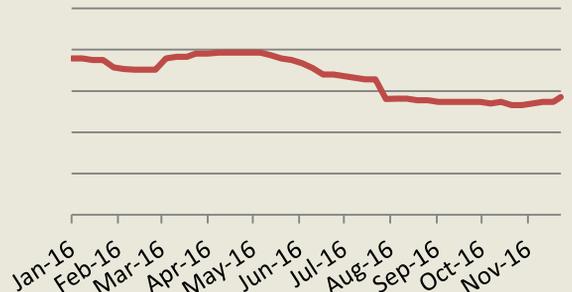
AMS prices remain flat and continue to be a bargain for farmers who can find storage.

Urea

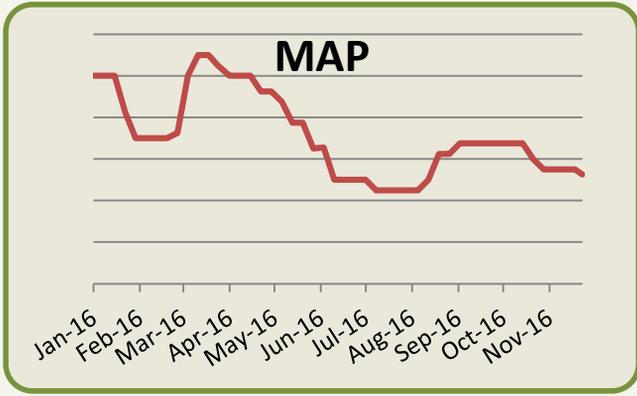


UREA may have bounced off its fall lows. If you have not covered your 2017 needs, do so soon or risk even higher prices in the spring.

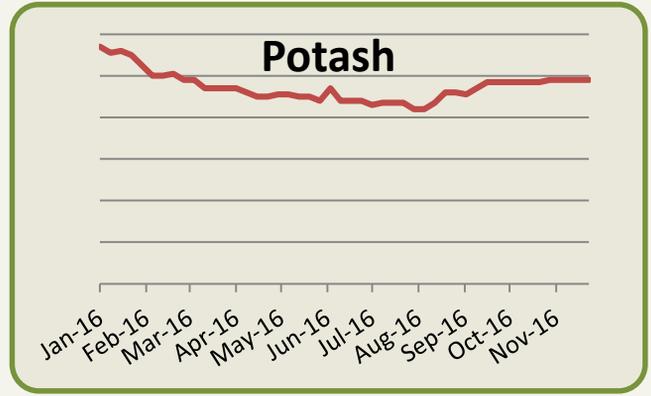
UAN



UAN prices have bottomed out and will probably continue to push higher. Cover your 2017 needs now.



MAP is steady to slightly lower. Seasonal demand is picking up with the completion of harvest. We probably won't see any more downward price pressure until January of 2017 if good application weather persists.



Potash remains steady to slightly higher due to post harvest application. July 2016 may have been the lowest potash prices we will see for quite some time due to production cutbacks.