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SYNGENTA SEED ADVISORS: EXPERTS IN THE FIELD

Golden Harvest® Corn | NK Soybeans
Do the Math!

I consider myself to be pretty darn good at math...no I am GREAT at it, but even I have been taught a few tricks lately that may blow your mind when it comes to increasing production/profit on the farm.

First things first, let's set the ground rules for this math “trick”:
1. You as the PRODUCER have no control of commodity price.
2. You also have no control over input costs.
3. There are 1000+ variables in any given year that are working against you.
4. Production (more bushels per plant) is THE key to higher yields.
5. Commodity Price of Corn $4.00/bu
6. Input Cost $600/A
7. Full Ear Yield = 10bu/1000 ears
8. Harvestable ears = 24,000/A

The MATH

A. 24,000 ears @75% full = 18,000 full ears/A * 10bu/1000ears = 180bu/A * $4.00/bu = $720/A - $600/A = $120/A Net Profit

B. 24,000 ears @85% full = 20,400 full ears/A * 10bu/1000ears = 204bu/A * $4.00/bu = $816/A - $600/A = $216/A Net Profit

C. 24,000 ears @95%full = 22,800 full ears/A * 10bu/1000ears = 228bu/A * $4.00/bu = $912/A - $600/A = $312/A Net Profit

This is just the tip of the iceberg.

Take the time to come and enjoy our field day dinner featuring Jenny’s Homemade Pie and a short presentation about how our strategy of using the Top 5 Factors can take your farms productivity to new levels and help you achieve “farming success.”
Quilt Xcel Protects and Strengthens Corn

With early (V4-V8) applications of Quilt Xcel, corn growers can worry less about the more stressful growing environment and heavier disease pressure that may accompany wet conditions and enjoy greener, healthier, stronger-standing corn with yield boosts averaging 8-12 bushels per acre.

Benefits of Quilt Xcel

- Enhanced water use efficiency enables plants to better tolerate periods of too much or too little water
- Larger ears with more kernels around and extended grain fill
- Plants stay green longer, allowing longer periods of photosynthesis for more plant growth that helps plants better reach full yield potential
- Early (V4-V8) applications provide early-season disease control and stress management benefits with convenient tank-mixing options
- Quilt Xcel can also be applied around R1 for additional disease control and stress management benefits
- Stronger, deeper root systems that help corn optimize nutrient uptake
- Stronger stalks result in less lodging for a more efficient harvest with less potential for volunteer corn the following season
- Systemic movement of active ingredient within the plant's xylem delivers uniform protection throughout plant, even to new growth

For more information, visit www.QuiltXcel-fungicides.com/corn. Learn how to manage plant stresses at www.SyngentaUS.com/QuiltXcelModule or scan the QR code. Join the conversation – connect with us at social.SyngentaUS.com.

All photos are the property of Syngenta unless otherwise noted. Product performance assumes disease presence.

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Why ROI Matters

With the prospects for lower commodity prices this year, growers are critically evaluating crop inputs. Do I invest in the same manner I have over the last three to four years or are there inputs I should reduce or eliminate? Profitability really boils down to producing the most you can, with the least investment. A common misconception is that cutting crop inputs will automatically increase your profitability for the crop year – yields would stay at the same level. If the crop inputs that you eliminate have a positive return on investment, crop yields will decline and net income will suffer. Many growers have tried new practices over the last several years because they've had the extra cash flow to try some new things. Now it's time to evaluate each crop input individually and ask, “Did I get a return on my investment?”

Quilt Xcel® and Quadris Top® SB fungicides both provide excellent control of the major diseases that infect corn and soybeans. Considering the plant performance aspects of these products, plants stay greener longer (plant “factory” is open longer), assimilate more carbohydrates (sugar) and bulk up the grain that is produced. They’re also more efficient in utilizing available water resources in the soil. Data from field trials over the past six years demonstrates that the Quilt Xcel and Quadris Top SB fungicides result in yield gains of about 16.6 bu/A in R1 corn and about 5 bu/A in R3 soybeans. This translates to a 2:1 ROI for corn and a 3:1 ROI for soybeans.

Managing expenses is prudent and certainly should be part of any plan moving forward. However, grower’s fixed costs will not change in these tighter economic times, meaning that it will be hard to save your way to prosperity. Creating additional bushels is a necessity to maintain profitability, and that starts with making the correct decisions on inputs and investing in crop management strategies that have positive ROI. This will help your business prosper and grow in hard times.
The No. 1 priority for the herbicide team at Syngenta is continuously developing and evolving technologies that target growers’ most problematic weed challenges. With weeds causing up to $2 billion\(^1\) in economic losses to crops each year, its work has never been more important – or urgent. In a 2013 survey, growers identified waterhemp, palmer amaranth, marestail, giant ragweed and morningglory as the top five most difficult-to-control weeds in corn\(^2\).

Acuron™ herbicide is registered in field corn, seed corn, silage corn, sweet corn and yellow popcorn. Acuron features three modes of action and four active ingredients, including new bicyclopyrone, and in testing and pre-registration trials, has demonstrated control of more than 70 broadleaf weeds and grasses. The multi-targeted approach will offer built-in corn weed resistance management and season-long residual control will help reduce the weed seed bank for future generations.

The introduction of Acuron is following five years of formulation testing and more than 700 field trials featuring bicyclopyrone. Last season alone, Acuron was trialed in an impressive number of locations across the U.S., providing growers and retailers an opportunity to see its performance prior to registration. The number of 2014 Acuron trial locations totaled 167, with trials in 35 states. Trials included 95 Syngenta locations (Grow More trials, R&D trials, and demonstration trials), 54 university locations, and 18 distributor plot locations.*

The addition of Acuron to the Syngenta lineup represents a step forward for growers looking for a new solution to their weed challenges. In a market with few new active ingredients, Acuron offers a brand-new active ingredient for weed control.

For more information, visit www.acuron-herbicide.com.

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2 2013 Syngenta market research: cocklebur, kochia, marestail, morningglory, ragweed (common, giant), waterhemp (common, tall).

* Trial locations are approximate and reflect numbers as of May 1, 2014. All trials are for data collection or demonstration purposes. The corn in these trials will be destroyed to comply with EPA guidelines.
Get the last laugh on tough weeds current products are missing
IT STARTS WITH THE SEED.

The science of tomorrow is being planted today. And it’s sure to return some impressive results. Join us to see firsthand the yield potential of Golden Harvest® corn with new and improved genetics and industry-leading traits.

August 20, 2015
6:30pm
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