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The Seed Consultant



A BI-MONTHLY NEWSLETTER NEWS AND VIEWS FROM THE FIELD

Two Year Emergence Study Demonstrates Importance of Uniform Emergence

For the 2016 and 2017 testing seasons, Seed Consultants agronomists conducted an emergence study. The goal of the study was to simulate normal field conditions, monitor emergence, and determine yield differences that existed between plants that emerged at different times. For this experiment 5 hybrids were planted and tracked from emergence to maturity. Emergence was monitored every 12 hours from the time the first plant emerged. In 2016, the field where the study was conducted experienced a period of cool wet weather between planting date (May 7th) and the date when plants first started emerging (May 16th). In 2017, the plot was planted April 27th and after a period of cooler weather and heavy rainfall plants began emerging May 8th. Emergence varied in both testing years, with some plants emerging a day or two behind their neighbors and others as many as 6 days.

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Seed Consultants, Inc.

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www.seedconsultants.com

**Simply, the Best Value
in the Seed Industry™**



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**2017 NCGA YIELD
CONTEST WINNERS**
National yield
winners for corn



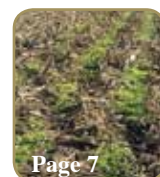
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**EARLY CASH
DISCOUNTS**
Order early for
best savings



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**PROJECT 300
WINNERS**
SCI yield contest
results for 2017



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**A NEW PLATFORM
FOR WEED
CONTROL**
Extend Soybeans
offers new options



2017 NCGA Yield Contest Winners

DAN WATCHMAN

Napoleon, Ohio

1ST PLACE - OHIO

SCS 1125AMX™* brand

289.4762 Bu/Ac • Irrigated

GLEND A HINKEBEIN

Chaffee, Missouri

1ST PLACE - MISSOURI

SCS 1136YHR™* brand

281.3346 Bu/Ac • No-Till/Strip Till Irrigated



SCI FINANCING

TWO Great Financing Choices for 2017-18

1% through John Deere Financial

1% through RABO AgriFinance

These financing programs are only available to John Deere Financial Preferred Customers and/or RABO AgriFinance approved customers. To apply for a John Deere Financial Preferred Account or RABO account or to increase your John Deere Financial or RABO line of credit, contact your SCI representative, so the necessary paperwork may be completed with John Deere Financial &/ or RABO.

GUIDELINES

- Must be a John Deere Financial Preferred Customer or approved by RABO AgriFinance.
- Approval and credit limits established by John Deere Financial &/or RABO...not by SCI.
- Terms and conditions apply. See respective credit applications for full terms and disclosures.
- To increase or establish your credit line call John Deere Financial (800-433-8964) or RABO (888-395-8505).
- Must be enrolled and approved to qualify for discounts.
- Discounts applied on approval date from John Deere Financial &/or RABO.
- Signed terms of disclosure on file.
- Minimum purchase of \$1,000.
- Due date of December 2018.

Finance Plan	John Deere Financial	RABO
Purchase & Approval Date	Fixed 1%	Fixed 1%
February 2018	2.5%	2.5%
March 2018	1.0%	1.0%
April 2018	0.0%	0.0%
May 2018	0.0%	0.0%
In Season	0.0%	0.0%

Two Year Emergence Study... *continued from page 1*

At the end of the growing season, all ears were weighed and yields estimated based on a 30,000 plants/acre population. Plants emerging as few as 2 days later than neighboring plants showed a reduced yield potential of as much as 30 to 40 bu/acre. In one side-by-side situation (pictured at right), one plant emerged 6 days behind neighboring plants. This plant was a runt, significantly behind the entire season, and did not produce a harvestable ear.

Uniform emergence provides plants with the ability to achieve high yields for several reasons. Plants that emerge at the same time will have the best chance of taking advantage of resources such as soil nutrients, sunlight, and soil moisture. When plants emerge uniformly, they develop uniformly and will pollinate at the same time. A delay of several days will result in a delay in pollination timing and means that late emerging plants may not pollinate all the ovules on the ear, resulting in a significant yield reduction.

TIPS FOR ACHIEVING UNIFORM CORN EMERGENCE:

Uniform planting depth • Uniform seed-to-soil contact

Slower planting speeds • Use of seed firmers

Avoiding chemical damage to seedlings • Uniform soil moisture

Planting high quality seed • Correct planter down pressure



In the picture above, the plant on the left emerged 6 days after neighboring plants and failed to produce a harvestable ear.



Early Cash Discounts Continue

Seed Consultants offers opportunities to maximize seed cost savings through its early cash discount schedule. SCI offers the following early cash discount schedule for the 2018 planting season. If you have any questions, please call the office at 800-708-2676.

Spring Seeding Cash Discounts

February	7.0%
March	4.0%
April	2.0%

Accounts Due Paid in Full: August 1, 2018



**LIBERTY
LINK** 

Liberty



High-performing Genetics + Excellent Weed Control Real Yield

In the real world, weeds interfere with high yields. The good news is we've got that covered with high-performing genetics coupled with better weed control than Roundup® on tough-to-control weeds for high yields that deliver.

See the real yield story at BayerCropScience.us.



2017 Seed Consultants' Yield Contest Winners

For the 2017 growing season, Seed Consultants customers entered the Project 300 Corn Yield Contest and the Project 100 Soybean Yield Contest. The purpose of these contest was to support and recognize growers who achieve high yields through sound management practices. Seed Consultants would like to recognize and congratulate the following growers for their winning yields:

2017 Project 300 Corn Yield Contest

Rank	Customer	Brand	Yield	City	State
1	Amos Martin	SCS 1125YHR™*	287.8	Worthington	IN
2	Terry Vissing	SCS 1136YHR™*	273.9	Marysville	IN
3	Mark and Dustin Crunklton	SCS 1125YHR™*	262.8	Butler	OH

2017 Project 100 Soybean Yield Contest

Rank	Customer	Brand	Yield	City	State
1	David Fisher	SCS 9385RR™*	75.3	London	OH
2	Amos Martin	SC 5418STS™	67.0	Worthington	IN
3	Dan Utrecht	SC 3374LL™	65.2	Clarksville	OH



Seed Consultants, Inc.

Bulk Soybean Bin Program



SCI began the bulk soybean bin program for several reasons. For starters, pro boxes cost \$700+ each. This price translates to more than \$14/unit of soybeans stored, assuming 50 units per box. (Actually \$17/unit if there are only 40 units per box.)

Pro boxes must be returned, cleaned and nested. And growers must provide a covered structure for storage, unload, and load boxes. The pro boxes eat up growers' storage space (equipment must be moved outside or to other buildings). Growers are also liable for damages to pro boxes.

An even bigger headache can be bulk bags.

The benefits of bulk soybean bins stack up. SCI currently has more than 150 bulk soybean bins on customers' farms. The majority are 521-bushel GSI bins with bean ladders. We are pleased with the bulk bin program, but believe many growers are missing out on the benefits.

HOW CAN YOU PARTICIPATE?

- Contact your area seedsman and sign an agreement.
- Pour a pad
- Order beans, minimum 400 units/variety/bin
- Order early and take early delivery
- SCI provides the bin at no charge

THE TOP REASONS TO GO BULK BINS!

SAFETY Bins eliminate the need to climb in and out of seed tenders and seed wagons, untying bulk bags. Bins also eliminate the risk of straps tearing or bags teetering over. You cannot put a value on injury to a family member or yourself.

CONVENIENCE You can set the conveyor, pull under, turn on conveyor, open the bin door, and fill your seed tender.

LABOR SAVING One person can unload bins and fill seed tenders with little effort. Bulk bags, on the other hand, require at least two workers. Bulk bag pallets must also be returned and bags disposed of, and pro boxes must be nested for return, stored, and loaded.

COST EFFECTIVE The bins eliminate the need for additional storage buildings by growers, reduces manpower requirements at planting and the conveyor can also be used for other loading/unloading chores.



A New Platform for Weed Control

When winter annuals look like this in the fall, what are they going to look like in the spring?



Right now, I'm sure that you've seen plenty of fields that were harvested and then had nothing done to them. With the conditions we had last fall, there were a lot of fields that didn't get any tillage done to them or any fall spray. These weeds will continue to grow and then really take off when it warms up in the spring. Unless someone is planning spring tillage, those fields will have to be burnt down. I don't know about your experience with spring burndown but for the last two years mine hasn't been that great. Cold, wet conditions don't favor the control of winter annuals with 2,4-D. Don't you wish that we

could spray dicamba ahead of your soybeans? Oh wait, we can plant Soybeans with Roundup Ready 2 Xtend® technology! There is absolutely nothing better on winter annuals than Dicamba. No one knows for sure what will happen as far as post spraying with dicamba products but at least with Soybeans with Roundup Ready 2 Xtend® technology we can get a more complete burndown (especially marehail), start clean and still have the option of glyphosate post.

I'm not here to push one soybean trait technology over another, because I truly feel they all give us excellent yields and, if weed control options are managed correctly, all can be clean fields. I'm just saying that Soybeans with Roundup Ready 2 Xtend® technology offer us a new platform in weed control options. Some of those hard to control weeds could be better controlled with dicamba.

Between the Rows

Updates from Daniel Call, general manager

Over the past several years Regional Seed Companies have grown significantly in popularity with growers. Many times, this switch is made because of the additional choices Regional Seed Companies offer to their customers.

Take soybeans for example, there are so many choices between all the different technologies currently available the decision on which way to go is extremely difficult. One company is pushing your decision one direction, while a competitor may be trying to promote a different technology.

Seed Consultants has taken a different approach. We have decided to offer a broad

spectrum of the current soybean technology options, and let our customers decide which technology option works best on their farm. This very basic and simple approach is what has led to our growth in soybean sales over the past few years. We believe our customers know which option is best for their farm. We will not push our customers one way or another. Our seedsmen will always be there to help with this ever so important decision by providing experience and knowledge to help the customer make the final choice.

Whichever trait choice you are looking for, we can supply you with top line choices. Plus,

all our varieties regardless of technology are chosen based upon their Eastern Corn Belt performance. Many of our new lines are backed up with AYT™ 4.0 advancement breeding technology from DuPont.

Combine these superior genetics for our region with, superior seed treatments and you have an exceptional variety for your farm.

Successfully,

Daniel Call





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DON'T MISS OUR WEEKLY EMAIL NEWSLETTER!

The SCI free e-newsletter comes via e-mail every Monday. The newsletter is packed full of current agronomic topics. Subscribe by sending your e-mail address to matt@seedconsultants.com or by signing up on our website at www.seedconsultants.com.



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RR2Y: Always follow grain marketing, stewardship practices and pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity®, Roundup® and Roundup Ready 2 Yield® are registered trademarks of Monsanto Technology LLC used under license. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.

RR2X: DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

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