



Pro-Ag Update

New Service at Pro-Ag...

Pro-Ag Agronomics Information Lab

Many of you have often asked, "What's our next step with your Program?" After soil testing for years, getting your fields in better balance and seeing net profits increase many of you have asked for a more detailed look at what goes on in your field.

Some of you have done yield mapping and it confirmed what you already knew about the field. It was difficult to correlate the yield data with Soil Types, Fertilizer Levels, Tiling Info, etc. Multiple layers of information were very hard to interpret.

Pro-Ag Agronomics Information Lab put field information in a whole different light. This program generates a database of information about your field. It includes soil test information, soil type data, elevations, tiling, soil production ratings, yield data, planting information by date and by hybrid/variety.

Additional data can be entered such as herbicide/insecticide, row width, plant population, tillage type, etc. All of this data is built into a database for your use.

Multiple years of data are stored and made available to you when needed.

Management Reports

Management reports can be generated from this information to help you make critical decisions on what hybrid/variety produced the best on each of your soil types. Another report may be by planting date.

Maps Available

Many types of maps can be produced from your yield data. Some of the maps available are:

- Side by Side Yield & Moisture
- Yield by Soil Type
- Yield by Hybrid/Variety
- Yield by Soil Fertility (Lime, Phosphate, Potash, Calcium, Magnesium, or Organic Matter)

- Soil Rating (how your yield compares to your soil's productivity)

Regional Information Also Available

The information collected in your area can be part of a regional database if you elect to participate. Your information will be given an operator number with no name available. This information will be pooled with other participating farmers to form this regional database.

You will be able to access the information and get reports from that data. A sample report may be "What Group 4 bean produces the best yield in our area?" Another report may be "What Hybrid produces the best yield on certain soil types?" This information may make a difference of 5-10 bushel per acre, greatly increasing your profits.

Variable Rate Planting

We now can produce variable rate input disks from your variable rate planter. You determine the factors you want to consider when determining variable rates. Factors such as elevation, tiling, soil type, and fertility can be used to determine the population rates of your planter.

Spread Disks Based on Nutrient Removal

If you need to replace nutrients based on crop removal, we can prepare the spread disk using your yield data. Several cash rent contracts are now requiring the tenant to return removal nutrients.

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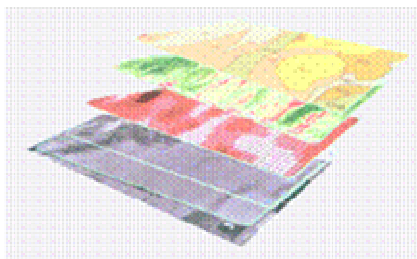
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Info Lab Continued...

What Are the Costs?

If you are a current client of Pro-Ag, each field will have a one-time setup charge of \$15.00 per field.

This covers our costs of bringing in the field perimeter, soil type data and soil productivity information we need to start the data base.



Then each year our fee is \$1.00 per tillable acre. For this fee you get a choice of five

different maps for each field plus two management reports of your farm. Additional maps and reports can be ordered from your regional manager.

Frequently Asked Questions

- *What type of data do you need?*

We now have software to read the outputs from all yield monitors. All we need is the data card out of your monitor or a copy of the data files on your computer. We process that data at

our lab and then produce the maps and reports you desire.

- *If I don't have a yield monitor, how much will one cost?*

An Ag Leader Monitor sells for \$3980⁰⁰ and the GPS receiver is an additional \$850⁰⁰. Total cost of the equipment is less than \$5,000⁰⁰



How Effective is "Pell" Lime or Liquid Lime

Just how important is the fineness of grind in limestone? The National Plant Food Institute located in Washington, DC has released this study. A very fine ground limestone not only reacts very quickly in the soil but the long term effects (36 months) is much greater than course ground limestone. This is the lime found in "Pell" lime and liquid lime.

The law in Illinois states, "Thirty-five percent must pass a 40 mesh sieve for the material to be legally sold as agricultural limestone. Then, that which passes a 40 mesh sieve, up to sixty-five percent of the total is considered 'Effective Calcium'." This means that it is fine enough to correct soil acidity in a few month's time.

As seen in the chart, regular ag lime passing a 40-50 mesh sieve reaches full potential in about 24 months and then begins to taper off. Limestone passing a 100 mesh sieve reaches its full potential in less than 6 months and then at the end of the 36 months, it still retains a corrective action somewhat greater than ag limestone. Each comparison was on a "ton for ton" basis.

Some examples of lime passing a 100 mesh sieve would be liquid lime, some double screened lime coming from a Stedman Mill operation, and pellatized lime. (Pellatized lime can only be cost justified under limited conditions.)

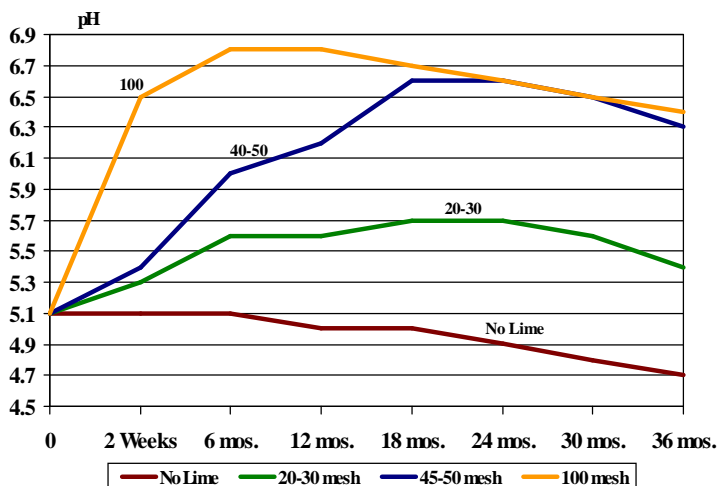
For more information, the 2006 Producers Information Report is available in your county ASCS offices or from the Department of Agriculture offices.

It lists all quarries in Illinois and surrounding states. Included is the Calcium Carbonate Equivalent (amounts passing a #8, #30 and #60 mesh sieve) Correction Factors which are also available for 1 and 4 year periods.

If you are unable to obtain a copy and want to know the values of various quarries, call our office at 800-879-2297 and we will be glad to help you.

Efficiency Of Liming Materials

Depends on Particle Size*



* National Plant Food Institute

Adding One Pint of Manganese when Spraying Round-up® on Beans pay big Dividends

Round-up® applied to soybeans stops the production of Chlorophyll for a period of 10 days or more. Many farmers have tried 1pt. of Manganese per acre and are obtaining nice increases in yields. The Manganese allows the bean plant to continue producing Chlorophyll and has helped increase yields in many acres of field trials. Later application of Round-up® is when it has been more effective. Below is a chart showing some of the responses.

2006 MANGANESE REPORT

NAME & ADDRESS	PLANTING DATE	HARVEST DATE	DATE APPLIED	SEED VARIETY	ROW WIDTH	TILLAGE SYSTEM	EST. POP.	CHECK YIELD	MANG. YIELD	INCREASE
Don Villwock Edwardsport, IN	5/21/06	10/12/06	8/7/06	Stine 4282	7.5"	No-Til	180,000	64	77	13
Don Villwock Edwardsport, IN	5/21/06	10/12/06	8/7/06	Stine 4282	7.5"	No-Til	180,000	65	76	11
Downen Farms Ridgway, IL	5/9/06	10/10/06	7/28/06	Crows 3915	15"	No-Til	200,000	62	70	8
Downen Farms Ridgway, IL	5/22/06	10/11/06	7/28/06	Asgro 3905	15"	No-Til	200,000	49	52	3
Downen Farms Ridgway, IL	5/18/06	10/10/06	7/28/06	Mycogen 58430	15"	No-Til	200,000	60	65	5
Mark Rothrock Parkersburg, IL	5/6/06	10/25/06	6/6/06	Greatheart 434	15"	Conv.	182,000	44	48	4

New Employee Joins Pro-Ag



*Ryan Staley,
Mapping Assistant*

Ryan Staley joined Pro-Ag on March 8, 2007 as a member of our mapping department staff. Ryan will graduate in May from Lakeland College with a degree in Agriculture majoring in Ag Business and Supply.

Ryan grew up in Annapolis, IL and attended Hutsonville High School. After high school

he attended Lincoln Trail College in Robinson, IL. Upon graduation Ryan worked for 1st Robinson Savings Bank for six years.

Wanting to get back into Agriculture, Ryan enrolled at Lakeland College and will complete his studies in May of this year. He is currently

engaged to Jennifer Spencer with a June 16th wedding planned.

Jennifer has accepted the Ag Teacher and Advisor position at Windsor High School. They will soon be residing in the Windsor area.

New Owner Added to Pro-Ag

Effective January 1, 2007 Charles "Chuck" Campbell was added to the list of employees buying Pro-Ag Consulting. Chuck is currently the controller of Pro-Ag Consulting, LLC. He started with our company four years ago. He joins Ted Huber,

Chris Behl, Jason Boerngen, Matt Schilling, and Don Hackerson as owners of Pro-Ag Consulting, LLC. An agreement has been signed for the five employees to buy Don's ownership in 2010.



*Charles "Chuck" Campbell,
Pro-Ag's Newest Owner*

2006 Scholarship Winner



*Jacob Freeman,
2006 Jim Koester Scholarship Winner*

Jacob Freeman from Murrayville, IL is our 2006 winner of the Jim Koester Memorial Scholarship. Jacob's parents are Jon and Sue Freeman of Murrayville.

Jacob enrolled at Western Illinois University in Macomb, IL last fall and is majoring in Agriculture. After graduation, he plans to work in the agricultural field selling seed products. Jacob has experience in this field as his parents have been in the seed business for many years and he grew up working at their seed business.

Activities in High School included FFA for 4 years (top Poinsettia salesman 4 yrs.), projects in bean production, crop production, sales, service and leadership, and an honor roll student..

Other activities - 4H President & Reporter, Farm Bureau Young Farmer Member, 4H Member (10 yrs.), 4H Junior Leader, Federation Delegate, State Fair Sheep Show, and 4H Meat & Livestock Judging Team.

Civic Activities - Bell ringing for Salvation Army, volunteer at local nursing home and a member of The

Jacksonville Art Association.

Jacob's high school counselor said "What I find impressive about Jacob is his natural ability to make others feel comfortable around him. He communicates well with peers and adults, has a good sense of humor and is a truly kind young man. I have never observed Jacob to be intolerant, unfairly judgmental, uncooperative or ill mannered."

We wish Jacob the best in his continuing education and his pursuit of employment in the agricultural field.



Information Lab Management Report Examples

Yield by Hybrid Report

Group	Dry_bu_ac	Acres
Variety: A6394Bt	195.56867	23.79
Variety: A6395RRRW	198.28093	34.57
Variety: A6395RRYGPL	192.79919	126.53
Variety: A6395RW	186.54730	81.19
Variety: A6448RRYGPL	189.00020	49.15
Variety: A6474BtRR	189.45025	27.98
Variety: A6474BtRW	194.42269	106.66
Variety: A6594Bt	196.29590	81.90
Variety: A6608RRYGPL	203.60204	43.58
Entire field	193.42246	575.34

Yield by Hybrid by Soil Type

Average of DRY BU AC	Soil Type				
VARIETY	152A	154A	171B	375A	388B2
A6394Bt				197.6	
A6395RRRW	201.1	193.8			
A6395RRYGPL	186.2	187.7		195.8	195.5
A6395RW		201.2	213.7	181.7	
A6448RRYGPL				188.2	186.3
A6474BtRR	187.4				
A6474BtRW		192.8	205.7	192.8	191.2
A6594Bt		192.4		196.1	
A6608RRYGPL	201.0				
Grand Total	194.5	193.2	207.0	191.5	192.4

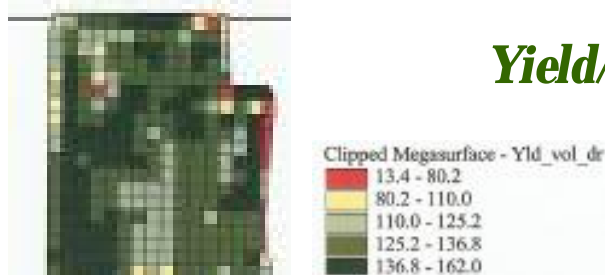
Information Lab Map Examples

Yield by Hybrid Map



Event_date	Crop_year	Crop	Seed_comp	Variety	Acres	AVG_Dry_Bu_ac
20060423	2006	Corn	LG SEEDS	LG2540	21.2	167.4
20060423	2006	Corn	LG SEEDS	LG2540RW	58.4	196.0

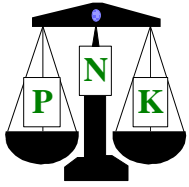
Yield/Mean Table Map



Group	Yld_vol_dr	OM	K	P	Ph	Acres
Yld_vol_dr: 13.4-80.2	59.6	3.4	290.4	55.6	6.2	1.66
Yld_vol_dr: 80.2-110.0	101.2	3.4	313.6	44.7	6.2	7.10
Yld_vol_dr: 110.0-125.2	119.1	3.4	309.6	46.2	6.2	22.33
Yld_vol_dr: 125.2-136.8	131.4	3.4	310.6	43.1	6.2	31.54
Yld_vol_dr: 136.8-162.0	142.2	3.4	232.6	44.6	6.2	20.11
Entire Field	126.0	3.4	313.2	44.8	6.2	82.74

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Visit us on the Web!

@

www.proagconsulting.com

Pro-Ag Agronomics Information Lab Offers Many Benefits to You

- **Site Specific Information of each and every field**
Helps you make the correct decisions and make more profit
- **Gives you all the information in an organized manner for you to make management decisions**
- **Precise Management reports for Hybrids & Varieties**
Assists you in making Critical Selections for next year
- **Reports of Hybrid performance by Soil Type assure you of placing the best hybrid on each soil type**
More yield, more profits for your operation

Let us help you get started with the best field information program available. Call your regional manager or call our office in Windsor and we will be glad to help you get started increasing your profits on your farm.

An Employee Owned Company

With over 174 years of Experience

Don Hackerson	Owner	22 Years
Gary Frye	Regional Manager	25 Years
Chris Behl	Co-Owner	19 Years
Jim Molock	Shop Manager	19 Years
Gail Molock	Lab Manager	18 Years
Ted Huber	Co-Owner	11 Years
Jason Boerngen	Co-Owner	10 Years
Matt Schilling	Co-Owner	9 Years
Marilyn Nelson	Lab Assistant	8 Years
Charlotte Newman	Lab Assistant	7 Years
Kurt Storm	Soil Technician	5 Years
Neil Eimer	Regional Manager	5 Years
Charles Campbell	Controller - Co-Owner	4 Years
Tish Behl	Mapping Manager	3 Years
Pam White	Mapping Assistant	3 Years
John Radloff	Soil Technician	3 Years
Ryan Parker	Soil Technician	2 Years
Ryan Staley	Mapping Assistant	1 Year