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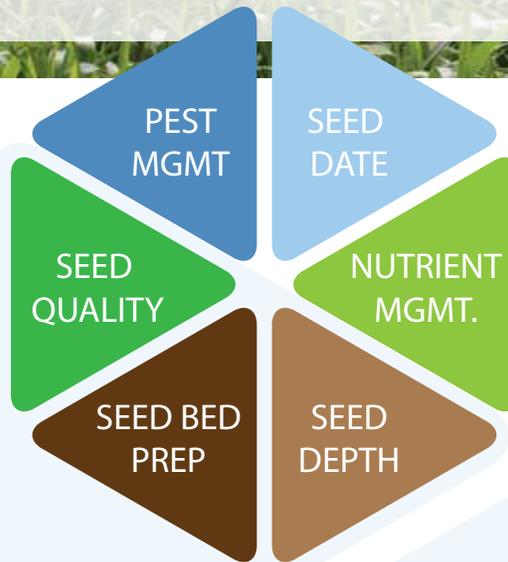
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## An Introduction to 6 Key Areas for Management Success

By addressing six variables that affect your annual harvest, our team of expert agronomists can help you improve your productivity and efficiency. Through our work together, we will define and refine a management plan that is custom made for you and your fields.

We analyze each field's yield potential and how it was managed in the past. We compile the information considering the impact of each of the variables impacting yield. Considering various weather scenarios, we help you maximize your yield each season. The process starts after harvest so that by the next year you'll be recording target yields. The Ultimate Yield Management Institute is here to help you manage your fields to reach your target yield.

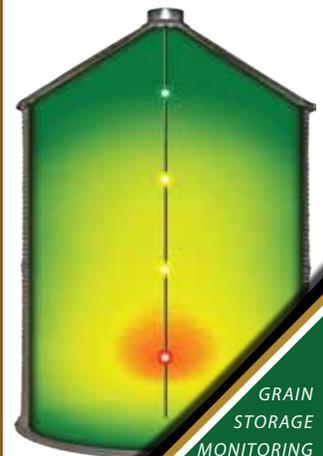
Our UYMI experts understand the challenge of weather. Moisture is important and too much, or too little, will limit a crop's potential. The length of the growing season, how fast it warms up in the spring and many other factors all have an impact. That's why we include three different weather scenarios as we work with you to manage your crop. These scenarios – poor, average and excellent – make it possible for you to include the weather factor in your decisions. We certainly don't have a crystal ball to predict what will happen, but we can plan and adjust for different conditions.



*These six variables help predict your yield outcome. We review each one with you to see how you can increase your farm's productivity and efficiency*

The basic premise of Ultimate Yield Management Institute is that you can understand the factors that influence yield so that you can manage to the highest yield potential. The advantage of managing the factors that are in your control and planning for various weather scenarios help you meet your goal of producing the ultimate yield while managing your entire operation better.

SECURE YOUR HARVEST



GRAIN STORAGE MONITORING SOLUTIONS

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**Did your Variable Rate Make you \$\$\$ this year?**

Find out with



[UYMI.ca](http://UYMI.ca)



ULTIMATE YIELD™  
MANAGEMENT INSTITUTE

GRADUATE

TO A NEW LEVEL  
OF YIELD MANAGEMENT

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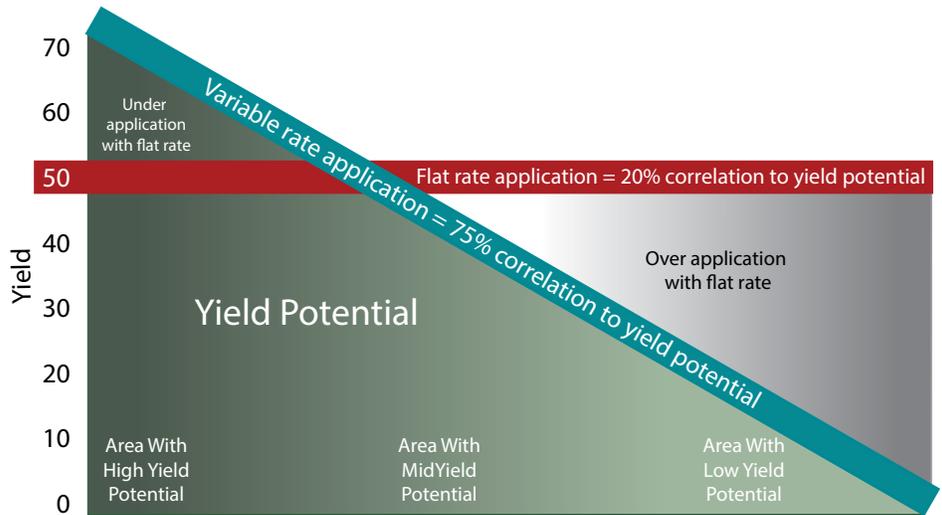
## Variable Rate: Common Practice?

With the adoption of GPS based guidance systems into modern agriculture, farmers now have the ability to complete field tasks with near perfect precision. The ease and accuracy of these operations allows for much greater productivity and precision placement of farm inputs throughout the growing season. Over application and misses are nearly a thing of the past with job mapping and the use of guidance and swath control. Precision farming has the potential to increase yield while making more efficient use of equipment and product applied; both of which result in higher returns per acre.

Productivity on every acre of a field is not equal. Topography and soil formation affects each area of the field differently creating a great degree of variation. When applying inputs, each area will respond differently which maintains the variation. This variation has a bearing on yield potential which is why variable rate has become popular with input application.

In the case of fertilizer, applying one rate of a fertilizer blend will result in high producing areas being under fertilized and low producing areas being overfertilized. The difference in productivity means that the appropriate rates of seed and nutrients need to be applied to each area to match the yield potential. By varying the rates of application based on a precision map, the fertilizer can be more effectively applied for the same basic cost.

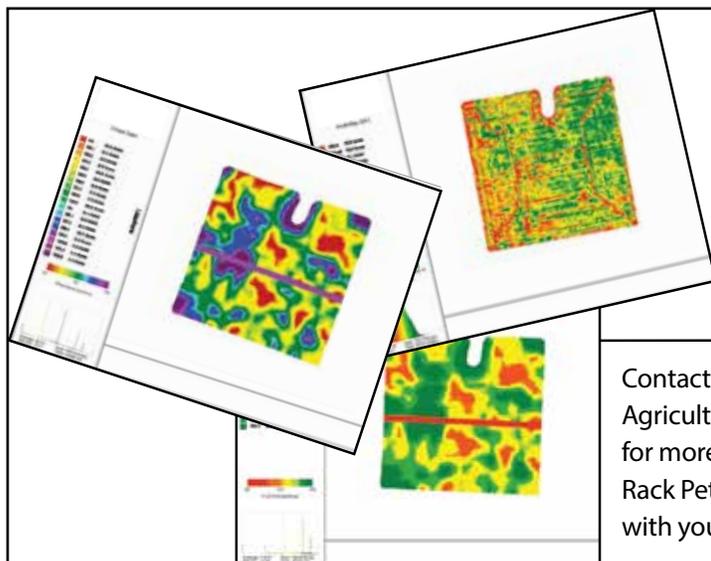
The common misconception of variable rate technology is the ability to save by cutting back the amount of nutrient applied. In most cases, this is not the case. Rather, the goal is to balance the nutrition between the under performing areas and the higher yield potential areas. By applying the fertilizer blend to meet the



yield potential in each area individually, the nutrients can be more efficiently utilized without sacrificing yield.

Measuring the success of variable rate applications is the most valuable part of the process. The data collected from the operation allows for better decisions to be made. Making input application decisions such as rate, form, timing and placement and measuring the outcome has an amazing ability to increase the farm management skills. Learning from mistakes and implementing better decisions over time can have huge implications. The farm's ability to grow more bushels with less decision risks can add a lot to the bottom line and can make the stress of tough decisions much easier.

When you look at the capability and benefits, it becomes easy to see that variable rate in the seeding operation is here to stay. Once again, it takes some very good agronomic decisions and diagnostics to reap the rewards of variable rate seed and nutrition. Make sure you choose your prescription provider wisely.



### Did you know.....

**Variable Rate Technology is considered a Beneficial Management Practice**

***YOU could qualify for funding to implement Variable Rate Technology on your farm***

Contact Saskatchewan Ministry of Agriculture at [www.agriculture.gov.sk.ca](http://www.agriculture.gov.sk.ca) for more program information or contact Rack Petroleum for technical assistance with your project.



## Introducing Hi-Def Agronomy Services

**A**gronomy service has been a pillar of the Ultimate Yield Management Institute (UYMI) since day one. With the science of Agriculture progressing daily, the service provided by the Agronomists at the UYMI has exceeded the bounds of traditional agronomy and arrived at a new level. Hi-Def Agronomy™ encompasses the practical side of the agronomy service, providing Diagnostics, Scouting, Variable Rate Mapping and full Yield Analysis. With services to benefit every farm, Hi-Def Agronomy™ will provide in-field service at the highest level.

Hi-Def Diagnostics is the most complete nutrient testing package available. Not only does the grower receive a soil test, they will receive a corresponding tissue test and seed quality test. “We feel that your nutrient recommendations aren’t complete unless we check all aspects of the field” said Neil Yelland, Sales & Marketing Manager at the UYMI. “Our standards for the soil test are second to none, and the results can be fine tuned in season with the tissue test”. To take Hi-Def Diagnostics one step further, the soil testing is planned using a Yield Potential Map which not only provides better data, but prepares the field for Variable Rate functions in the future.

Scouting is one of the most difficult tasks for a grower to keep current on. The ‘to-do’ list on the farm is already a mile long, and visiting every acre every week can sometimes be a challenge. Not to mention the ever increasing number of weeds, pests and disease to be looking for. Hi-Def Scout takes the pressure off of the farm by allowing the Hi-Def Agronomy team to scout the fields instead. Powered by the UYMI, the Hi-Def Agronomists have the expertise necessary to identify issues in the field and recommend appropriate action to resolve them. The information is accurately recorded and stored online for ease of access by

the grower 24/7. Variable Rate Technology is one of the most important yet under utilized tools a farmer has available. UYMI has been a leader in Variable Rate Technology for over 20 years, and has the expertise to back the Hi-Def V-Rate service. “We take a completely different approach to using VRT and prescription maps on the farm” said Yelland, “Not only does our unique process produce more accurate maps and prescriptions, it produces them consistently, year after year”. The Hi-Def V-Rate program helps growers to get the highest economic returns by making the most efficient application of inputs.

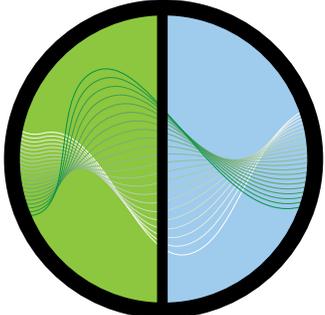
Once harvest has come to an end, the real question always remains: “were my decisions efficient and profitable?” Hi-Def Yield Analysis looks at all available application and harvest data to give the grower an in-depth analysis of the farm. The precision farming specialists have the capability to compare any of the data maps provided on a given field to see exactly how accurate and how profitable the season’s decisions were. This valuable data becomes the foundation for planning for the next growing season. Even if the growers data was not part of the Hi-Def V-Rate program, it can be collected and analyzed for the grower. With information like this, there’s no limit to where the farm can go.

With the Hi-Def Agronomy™ services available at the Ultimate Yield Management Institute, growers can take advantage of the highest level of agronomy service available at the UYMI. These tools can be molded to fit any situation for any farm, and will provide the most efficient use of resources and most importantly increased returns. Contact UYMI today to learn more about Hi-Def Agronomy™.

AVAILABLE AT UYMI

# HI-DEF™

## A G R O N O M Y



### POWERFUL TOOLS FOR BETTER DECISIONS

HI-DEF  **DIAGNOSTICS**  
Get Ready for Decisions

HI-DEF  **SCOUT**  
Watch Your Crop Grow

HI-DEF  **V-RATE**  
Vary Rates to Maximize Efficiency

HI-DEF  **YIELD ANALYSIS**  
Harvest More Than Just Bushels

## Do You Want to Achieve Ultimate Yield?

A multitude of factors impact the yield in your field. Factors like weather and soil fertility you know well. But other factors are not so well understood. To achieve Ultimate Yields you must manage your crop at a higher level.

The pursuit of achieving the Ultimate Yield in his own fields is what drove Dennis Bulani to research, develop and test an intensive management system. Bulani evaluated every possible factor that could impact yield, and determined how much influence each factor possessed. Through years of evaluation he refined

the approach. This practical knowledge and experience based on extensive research is now available to be shared with producers.

For yield there is no magic bullet. Our agronomists first seek to understand your management approach. Next they help you to manage your fields — more intensively and successfully — than anyone else. Never before has such a collaborative effort been forged between a grower and his advisors to achieve high-efficiency production on your farm.



**ULTIMATE YIELD™**  
MANAGEMENT INSTITUTE

**You manage your farm**

**We'll manage the agronomy**

**The Farm Production Appraisal will help you uncover the Ultimate Yield you deserve**

Meet with a **highly skilled UYMI Agronomist** on **every agronomic aspect** of your farm. By addressing each of the **6 Key Areas of Ultimate Yield** in depth, you will uncover **yield to gain** in all of your crops. The **unique process** will help you to **set goals** and **measure your success** in achieving them and the resulting Farm Action Plan will help to increase efficiency and optimize critical field operations. **Book your FPA Today!**

**6 KEY AREAS** impact your management success  
don't leave any of them out

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[www.UYMI.ca](http://www.UYMI.ca)

## About Us

*The Ultimate Yield Management Institute was founded on the premise that proper farm management requires consideration for all agronomic factors. 6 Key Areas can determine the success or failure of a crops yield. Examining these 6 factors is the unique process that sets Ultimate Yield Management Institute apart. A well rounded approach in the Institute ensures a well rounded approach in the field. UYMI encompasses several divisions to ensure that all agronomic considerations can be met effectively; Research, Farm Production Appraisals, Hi Def Agronomy Services and Precision Farming. UYMI Research Division oversees independent, replicated trials that relate to the Western Canadian producer. Selected trials are peer reviewed and published each year which is a testament to the quality of work being done by UYMI Research. Planning is a major part of successful agronomy. The Farm Production Appraisal provides the opportunity to examine every aspect of a producer's farm. Using the 6 Key Areas as a guide, the Farm Production Appraisal generates a tangible plan that is tailored to each farm. Hi Def Agronomy and Precision Farming Divisions provide the best information available using the latest technology. Diagnostics, scouting, VRate and Yield Analysis comprise the field level application of agronomy in the Ultimate Yield Management Institute. The Ultimate Yield Management Institute provides opportunity for agronomists and producers alike to reach new levels in farm production practices. The unique process that governs The Ultimate Yield Management Institute ensures that those involved will see a marked improvement in their farming practices and the resulting yield. You deserve to get your Ultimate Yield. Contact us today.*



**UYMI™**