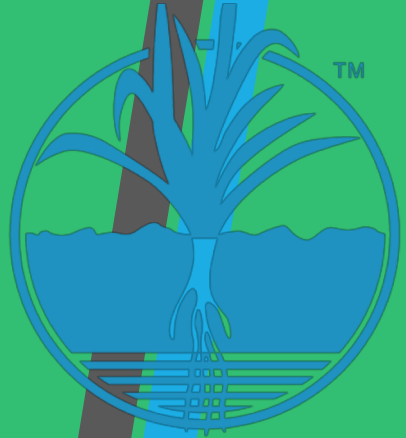


# POWER RICH

A GROWING NAME IN CROP NUTRITION





# POWERRICH<sup>TM</sup>

## *Who and what is PowerRich?*

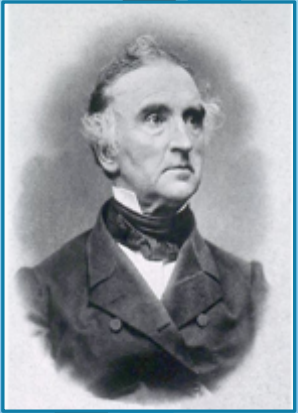
- *Family owned, Winnipeg based fertilizer company established in 1984*
- *Pioneered the use of micronutrients in granular fertilizer in Canada in 1984*
- *Users of globally sourced high quality minerals for our proprietary fertilizer formulas*

**Our overriding goal is to deliver high performing environmentally friendly fertilizers that do not contaminate the soil or plant**

**THERE IS A BETTER WAY.**







J. Von Liebig  
(May 1803-April 1873)

- German chemist who made major contributions to agriculture and biological chemistry
- Considered the founder of organic chemistry
- Recognized as the greatest chemistry professor of all time
- Described as the **"father of the fertilizer industry"** for his emphasis of nitrogen and trace minerals as essential plant nutrients

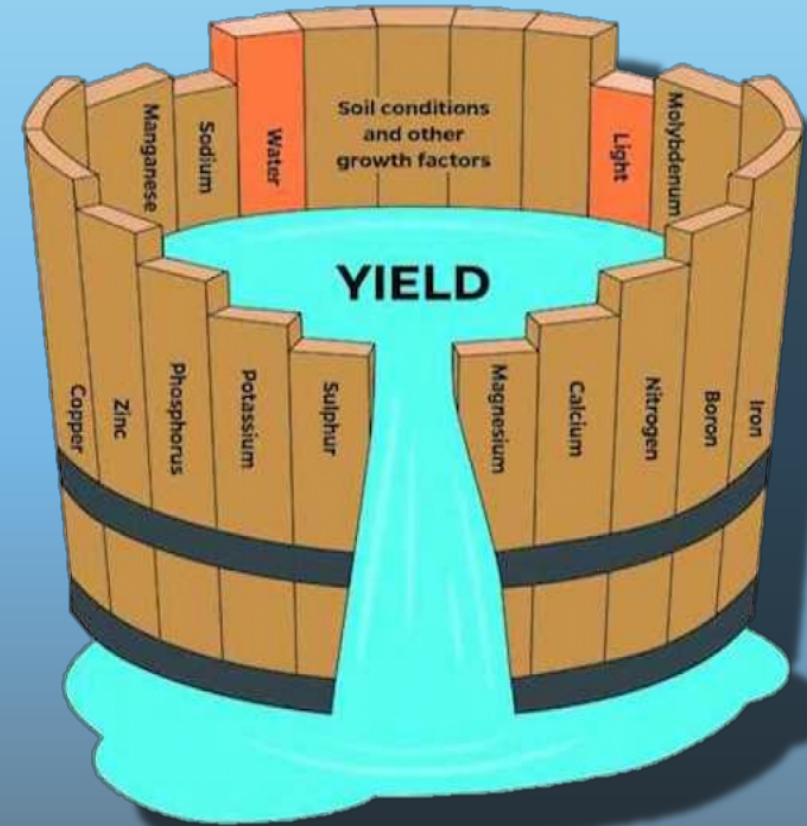
### Liebig's "Law of the Minimum"

Famously stated in 1840 that..

*"The rate of growth of a plant, the size to which it grows, and it's overall health depend on the amount of the scarcest of its essential nutrients that are available to it."*

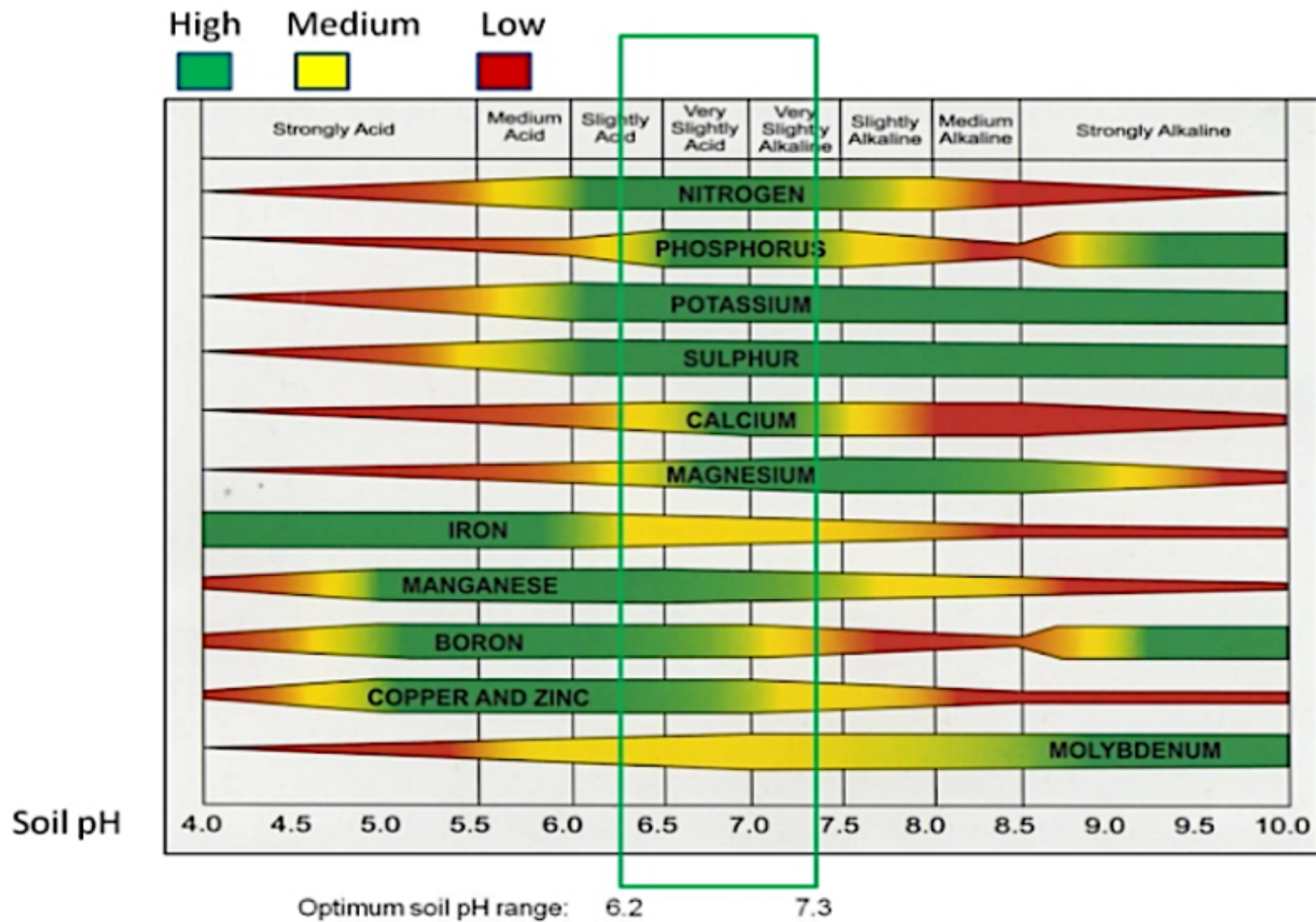


**POWERRICH**  
A GROWING NAME IN CROP NUTRITION



At Power Rich we believe it is better to prevent nutrient deficiencies than try to correct them after symptoms appear.

# The effect of soil PH on nutrient availability







**BETTER  
ROOTS**



**HEALTHY  
FIELDS**



**HEALTHY  
SOIL**



**BETTER  
YIELDS**

**PRODUCT  
REVIEW**



**POWERRICH**  
A GROWING NAME IN CROP NUTRITION



Use in conjunction with your current nitrogen application

## 3 STEP FERTILITY PROGRAM

Our **THREE STEP FERTILITY** program feeds your crop at each stage of growth achieving maximum yield for every dollar you spend and promotes sustainable agriculture with our enviro-friendly fertilizers

**QUALITY AND BALANCE ARE NATURAL**

- STRONGER PLANTS • LESS LODGING
- LONGER HEADS AND PODS • MORE BUSHEL
- MORE \$\$ IN FARMERS POCKET



**POWERRICH**  
A GROWING NAME IN CROP NUTRITION

**FEED THE SEED**



**POWERROOT**  
SEED TREATMENT

**FEED THE PLANT**



**POWERFOL**  
LIQUID FOLIAR

**FEED THE ROOT**



**POWERPAK**  
STARTER FERTILIZER



**READYPHOS**  
WATER SOLUBLE BLEND





# STEP ONE

## FEED THE SEED

*Dilute PowerRoot 1-2-1  
1 part solution to up to 10  
parts of water Cover seed  
uniformly, let it dry 1hr  
before planting and best  
results if seeded within 18  
hrs of treatment*

*1 liter treats: (seed)*

Wheat	- 30 bu
Barley	- 30 bu
Oats	- 40 bu
Peas	- 20 bu
Chick Peas	- 40 bu
Lentils	- 40 bu
Beans	- 20 bu



# POWERROOT

## SEED TREATMENT

*Non- toxic kelp based seed treatment concentrate and transplant solution*

- **PowerRoot** stimulates life in the rhizosphere where nutrients are stored.
- As seed sprouts, full spectrum of nutrients in **PowerRoot** are made available
- **PowerRoot** contains over 40 trace minerals, vitamins and amino acids

- **Activate seed germination**
- **Improved outbreak of seedlings**
- **Greater ability to withstand stress**
- **Compatible with most seed fungicides**
- **10L Jugs • 113L (30us gal) & 208L (55us gal) Drums**





**STEP  
TWO**

**FEED THE ROOTS**

## GLOBALY SOURCED HIGH GRADE GRANULAR PKS with MICROS

Used in conjunction with your current nitrogen program

- ENGINEERED TO BREAKDOWN, REMAIN AVAILABLE LONGER AND EXTEND PHOS UPTAKE
- LOW SALT INDEX = SEED SAFE
- UP TO 60% LESS BULK
- CLEAN VACUUMED PRODUCT VIRTUALLY DUST FREE

**P<sub>k</sub>**

**POWERPAK**  
STARTER FERTILIZER

- Helps improve plant health, build organic matter with larger root systems and lower PH over time
- Available in bulk and mini bulk (2000lb totes)
- We deliver to your farm







# POWERPAK20

## STARTER FERTILIZER

Popular house blends designed to be used at  
*20lbs to 30lbs per acre*



### POWERRICH

A GROWING NAME IN CROP NUTRITION



**POWERPAK:** #20  
STARTER FERTILIZER

#### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN(N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)	SULFUR(S)
<b>8</b>	<b>-</b>	<b>18</b>	<b>-</b>
<b>5</b>			
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE(P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE(K <sub>2</sub> O)	SOUFRE(S)

#### GRANULAR FERTILIZER

CAUTION: This fertilizer contains (Zinc, Manganese, Copper, Boron) and should be used only as recommended. It may prove harmful when misused. Do not mix with granular nitrogens – i.e. urea and ammonium nitrate

MISE EN GARDE: Ce fertilisant contient (Zinc, Manganèse, Cuivre, Bore) et ne doit être utilisé que selon les recommandations. Un mauvais usage pourrait être nocif. Ne pas mélanger à des azotes granuleux tels urée et nitrate d'ammonium

#### TRACE ELEMENTS • CENTENU RÉEL DE ÉLÉMENTS MINEURS

Zinc	.25 %
Iron/Fer	.13 %
Manganese/Manganèse	.20 %
Copper/Cuivre	.06 %
Boron/Bore	.04 %

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF CANADA/PRODUIT DU CANADA



### POWERRICH

A GROWING NAME IN CROP NUTRITION



**POWERPAK:** #20  
STARTER FERTILIZER

#### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN(N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)	SULFUR(S)
<b>8</b>	<b>-</b>	<b>34</b>	<b>-</b>
<b>8</b>			
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE(P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE(K <sub>2</sub> O)	SOUFRE(S)

#### GRANULAR FERTILIZER

CAUTION: This fertilizer contains (Zinc, Manganese, Copper, Boron) and should be used only as recommended. It may prove harmful when misused. Do not mix with granular nitrogens – i.e. urea and ammonium nitrate

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Zinc	.25 %
Iron/Fer	.13 %
Manganese/Manganèse	.20 %
Copper/Cuivre	.06 %
Boron/Bore	.04 %

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF CANADA/PRODUIT DU CANADA



# POWERPAK30

## STARTER FERTILIZER

Popular house blends designed to be used at  
**30lbs to 40lbs per acre**  
- Micros reduced to avoid toxicity at higher inclusion rates



### POWERRICH

A GROWING NAME IN CROP NUTRITION



**POWERPAK : #30**  
STARTER FERTILIZER

#### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN(N) PHOSPHORIC ACID (P<sub>2</sub>O<sub>5</sub>) SOLUBLE POTASH (K<sub>2</sub>O) SULFUR(S)

**8**

-

**19**

-

**19**

-

**5**

AZOTE  
TOTAL (N)

ACIDE PHOSPHORIQUE  
ASSIMILABLE(P<sub>2</sub>O<sub>5</sub>)

POTASSE  
SOLUBLE(K<sub>2</sub>O)

SOUFRE(S)

#### GRANULAR FERTILIZER

CAUTION: This fertilizer contains (Zinc, Manganese, Copper, Boron) and should be used only as recommended. It may prove harmful when misused. Do not mix with granular nitrogens – i.e. urea and ammonium nitrate

MISE EN GARDE: Ce fertilisant contient (Zinc, Manganèse, Cuivre, Bore) et ne doit être utilisé que selon les recommandations. Un mauvais usage pourrait être nocif. Ne pas mélanger à des azotes granuleux tels urée et nitrate d'ammonium

#### TRACE ELEMENTS • CENTENU R'ÉLÉMENT DE ÉLÉMENTS MINEURS

Zinc	.18 %
Iron/Fer	.09 %
Manganese/Manganèse	.14 %
Copper/Cuivre	.04 %
Boron/Bore	.04 %

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF CANADA/PRODUIT DU CANADA



### POWERRICH

A GROWING NAME IN CROP NUTRITION



**POWERPAK : #30**  
STARTER FERTILIZER

#### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN(N) PHOSPHORIC ACID (P<sub>2</sub>O<sub>5</sub>) SOLUBLE POTASH (K<sub>2</sub>O) SULFUR(S)

**9**

-

**36**

-

**9**

-

**2**

AZOTE  
TOTAL (N)

ACIDE PHOSPHORIQUE  
ASSIMILABLE(P<sub>2</sub>O<sub>5</sub>)

POTASSE  
SOLUBLE(K<sub>2</sub>O)

SOUFRE(S)

#### GRANULAR FERTILIZER

CAUTION: This fertilizer contains (Zinc, Manganese, Copper, Boron) and should be used only as recommended. It may prove harmful when misused. Do not mix with granular nitrogens – i.e. urea and ammonium nitrate

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#### TRACE ELEMENTS • CENTENU R'ÉLÉMENT DE ÉLÉMENTS MINEURS

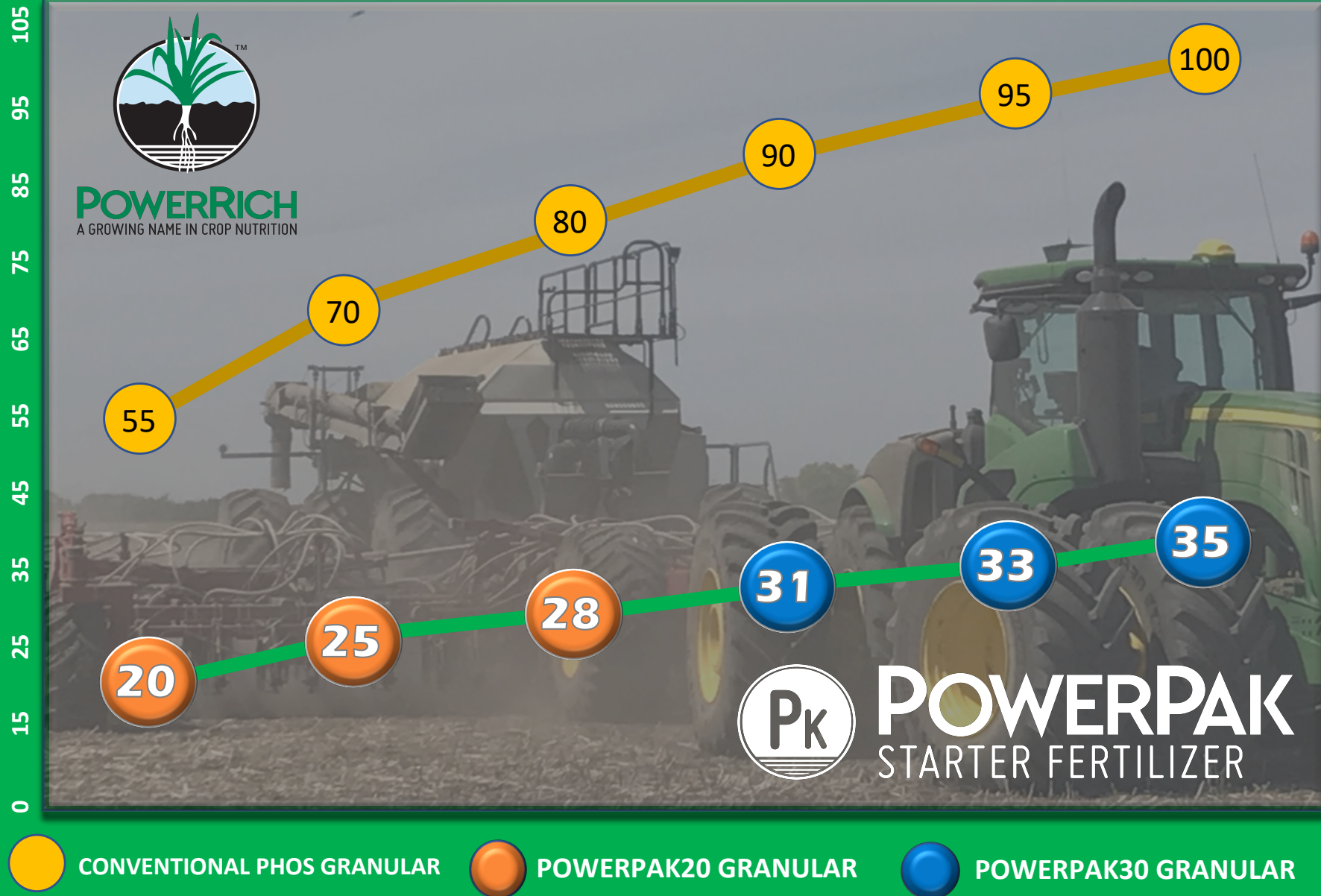
Zinc	.18 %
Iron/Fer	.09 %
Manganese/Manganèse	.14 %
Copper/Cuivre	.04 %
Boron/Bore	.04 %

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF CANADA/PRODUIT DU CANADA



## Minimum recommended application rate guidelines vs conventional phos fertilizer

TOTAL LBS PER ACRE



Because PowerRich uses a broader spectrum of high grade nutrients that are compatible and complexed or concentrated, they remain available longer. Far less fertilizer is needed to correct nutrient deficiencies. So you'll have less fertilizer to handle, store and transport

*Our high grade POWERPAK PKS and micro nutrients are complexed or concentrated and engineered to break down and remain available longer extending phos uptake Far less material is needed to correct nutrient deficiencies Recommended use in conjunction with PowerRoot Seed Treatment and Powerfol or Readyphos Foilars. Ask your agent about custom stand-alone applications and rates*



**STEP  
THREE**



# POWERFOL

## LIQUID FOLIAR

**8 - 6 - 4**  
**2 - 16 - 4**

A high grade nutrient foliar feeds your crops in later stages and provides the nutrients for seed production. Looking for higher protein? **Powerfol** can provide a late season boost

**FEED THE PLANT**



**POWERRICH**

A GROWING NAME IN CROP NUTRITION

PowerFol Liquid 8-6-4

### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN (N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)
8	6	4
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE (P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE (K <sub>2</sub> O)

### SOLUBLE PLANT FOOD CONCENTRATE

#### TRACE ELEMENTS

Zinc  
Iron/Fer  
Manganese/Manganèse  
Copper/Cuivre  
Boron/Bore

#### CENTENU RÉEL DE ELEMENTS MINEURS

0.20%  
0.20%  
0.10%  
0.10%  
0.04%

The use of this product being beyond the control of the seller, buyer assumes all risk of use herewith.

L'utilisation de ce produit étant hors du contrôle du vendeur, l'acheteur assume tous les risques associés à son usage.

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF/PRODUIT DU CANADA



**POWERRICH**

A GROWING NAME IN CROP NUTRITION

PowerFol Liquid 2-16-4

### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN (N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)
2	16	4
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE (P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE (K <sub>2</sub> O)

### SOLUBLE PLANT FOOD CONCENTRATE

#### TRACE ELEMENTS

Zinc  
Iron/Fer  
Manganese/Manganèse  
Copper/Cuivre  
Boron/Bore

#### CENTENU RÉEL DE ELEMENTS MINEURS

0.20%  
0.20%  
0.10%  
0.10%  
0.04%

The use of this product being beyond the control of the seller, buyer assumes all risk of use herewith.

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MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF/PRODUIT DU CANADA

**3L – 5L /acre**

- **Improved chem uptake allows for min recommended rates of application**
- **Better Standability**
- **Increase protein and weight**
- **1000L Totes**



**STEP  
THREE**



# READYPHOS

## LIQUID FOLIAR

**7 - 4 - 6**  
**2 - 16 - 5**

**FEED THE PLANT**

Our innovative technology allows **Readyphos** – a premium liquid foliar – to apply phos through the leaf. It's an excellent way to add phos availability during the growing season



**POWERRICH**

A GROWING NAME IN CROP NUTRITION

ReadyPhos 7-4-6

### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN (N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)
<b>7</b>	<b>4</b>	<b>6</b>
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE (P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE (K <sub>2</sub> O)

### FOLIAR FERTILIZER

#### TRACE ELEMENTS

Zinc  
Iron/Fer  
Manganese/Manganèse  
Copper/Cuivre  
Boron/Bore

#### CENTENU RÉEL DE ELEMENTS MINEURS

0.20%  
0.20%  
0.10%  
0.10%  
0.04%

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L'utilisation de ce produit étant hors du contrôle du vendeur, l'acheteur assume tous les risques associés à son usage.

MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF/PRODUIT DU CANADA



**POWERRICH**

A GROWING NAME IN CROP NUTRITION

ReadyPhos 2-16-5

### GUARANTEED MIN. ANALYSIS

TOTAL NITROGEN (N)	PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	SOLUBLE POTASH (K <sub>2</sub> O)
<b>2</b>	<b>16</b>	<b>5</b>
AZOTE TOTAL (N)	ACIDE PHOSPHORIQUE ASSIMILABLE (P <sub>2</sub> O <sub>5</sub> )	POTASSE SOLUBLE (K <sub>2</sub> O)

### FOLIAR FERTILIZER

#### TRACE ELEMENTS

Zinc  
Iron/Fer  
Manganese/Manganèse  
Copper/Cuivre  
Boron/Bore

#### CENTENU RÉEL DE ELEMENTS MINEURS

0.20%  
0.20%  
0.10%  
0.10%  
0.04%

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MANUFACTURED BY/FABRIQUE AU: POWERRICH CORPORATION - PRODUCT OF/PRODUIT DU CANADA

**3L – 5L /acre**

- **Improved chem uptake**
- **allows for min recommended rates of application**
- **Stronger Podding**
- **Longer Flowering**
- **1000L Totes**



## ADVANTAGES OF STAGE FEEDING YOUR CROPS

1. Crops need moisture. Why spend all your \$\$ on fertilizer first, then hope for rain. By using dry and foliar fertilizers costs can be better managed and controlled
2. Tailor the fertilizer to supply only the nutrients a crop requires during each stage of growth to maximize yield and profit

### Seed Treatment.

- Faster starts!
- Nutrients immediately available for germinating seed
- Helps the plant through stress (dry conditions)
- Increase successful germination
- **Inexpensive addition to your nutrient program**

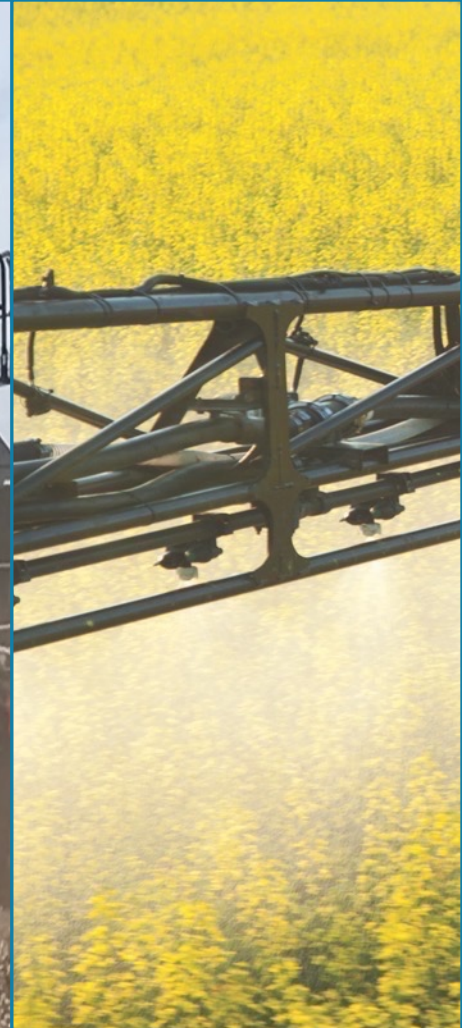
### Seed Placed Fertilizer (soil fertility):

Natural nutrients in the soil can be in a form that makes them scarce or unavailable to the plant. Ph and soil moisture also impact availability

- **Seed placed fertilizer makes nutrients available in the root zone when placed with the seed**
- **Our blends are fortified with macro and micro nutrients and work together with your nitrogen program to correct deficiencies**

### Foliar Feeding (Liquid spray or top dress):

- Foliar feeding is like feeding your plant a shot of vitamins
- Helps plants through stress periods and improves uptake of fertility placed in the soil and chemicals you apply
- **Makes nutrients available for immediate use by the plant**
- **Up to 14x more effective by providing a rapid response uptake through the leaf**



**Stage feeding crops reduces risk  
and makes good economic \$ense**





# Results of PowerRich's balanced approach to nutrient management

Report Number: C15334-10209  
Account Number: 00751

## A & L Canada Laboratories Inc.

2136 Jetstream Road, London, Ontario, N5V 3P5  
Telephone: (519) 457-2575 Fax: (519) 457-2664



C15334-10209



To: WESTERN SALES LTD  
BOX 968  
318 MAIN STREET  
ROSETOWN, SK S0L 2V0  
Attn: WILSON JOHNSTON  
306-882-2348

For: ADAM HARRISON

Field: ADAM

Reported Date: Printed Date: 2015-12-02

### SOIL TEST REPORT

Page: 1

Sample Number	Legal Land Descpt:	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	CEC meq/100g	Percent Base Saturations				
1A	NW -15-21-29-W2	6	34535	2.6	6 VL 8 VL	315 VH	600 VH	2030 M	6.9	17.2	% K	% Mg	% Ca	% H	% Na
1B		24	34536	1.7		93 L	1110 VH	3620 M	7.7	28.1	4.7	29.0	58.9	6.6	0.8

Sample Number	Sulfur S ppm	Nitrate Nitrogen NO3-N ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al	K/Mg Ratio	Chloride Cl ppm	Sodium Na ppm
1A	69 H 124	2 VL 4	0.2 VL	52 VH	48 H	0.6 M	0.5 L	0.4 VL	2 L	553	0.1 G	0.16 38	19	30 M
1B	178 VH 961	2 VL 11						0.7 L				0.02 29		137 VH

W VL = VERY LOW, L = LOW, M = MEDIUM, H = HIGH, VH = VERY HIGH, G = GOOD, MA = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

Adam Harrison

Adams - NW-15-21-29-W2 (2019)  
Spring Wheat -



Sure-Check™ Soil Testing 2019 - #6465 Report Date: Jan 03, 2019

				Phosphorus P						Percent Base Saturation					
Sample	Depth (in.)	Organic Matter (%)	NO3-N (ppm)	Mod Kel (ppm)	Bray-P1 (ppm)	Potassium K (ppm)	Sulphur SO4-S (ppm)	pH	CEC (meq/100g)	% K	% Mg	% Ca	% H	% Na	
1A	0-6	3.4	9	13	19	442	17	6.8	15.4	7.4	27.5	56.8	7.4	0.8	
1B	6-24	2.2	2	4	0	172	428	7.4	33.3	1.3	30.8	65.8	0	2.5	

Sample	Depth (in.)	Mg (ppm)	Ca (ppm)	Na (ppm)	Zn (ppm)	Mn (ppm)	Fe (ppm)	Cu (ppm)	B (ppm)	Soluble Salts (ms/cm)	Saturation % P	Al (ppm)	Saturation % Al	K/Mg Ratio	Cl (ppm)	ENR	GFI
1A	0-6	509	1750	30	2.5	50	44	0.8	0.6	0.28	6	418	0.1	0.27	19	46	0
1B	6-12	1229	4380	195	0	0	0	0	0	0	0	0	0	0.04	0	34	0

2015

**FARM SITE:**

Eyebrow/Brownlee  
Sask area

**Blend:**

POWERPAK 9-36-9

**Rate:**

25lbs Pulses

30lbs Wheat

35lbs Canola

Note: Extra Sulfur added  
with N

2019

POWER RICH  
NUTRITION

# Results of PowerRich's balanced approach to nutrient management

Report Number: C15334-10207  
Account Number: 00751

## A & L Canada Laboratories Inc.

2136 Jetstream Road, London, Ontario, N5V 3P5  
Telephone: (519) 457-2575 Fax: (519) 457-2664



C15334-10207



To: WESTERN SALES LTD  
BOX 968  
318 MAIN STREET  
ROSETOWN, SK S0L 2V0  
Attn: WILSON JOHNSTON  
306-882-2348

For: ADAM HARRISON

Field: BOBS ROAD

### SOIL TEST REPORT

Reported Date: Printed Date: 2015-12-02

Page: 1

Sample Number	Legal Land Descpt:	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	CEC meq/100g	Percent Base Saturations				
1A	SW-33-21-29-W2	6	34531	3.2	6 L 9 VL	465 VH	785 H	4530 M	7.0	34.9	% K	% Mg	% Ca	% H	% Na
1B		24	34532	1.9		121 M	1070 H	5420 M	7.8	36.4	0.9	24.5	74.5		0.4

Sample Number	Sulfur S ppm	Nitrate Nitrogen NO3-N ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm
1A	14 VL 25	5 L 9	0.2 VL	46 H	45 H	1.2 H	0.7 M	0.3 VL	4 G	326	0.0 G	0.18	44	12	17 VL
1B	17 VL 92	2 VL 11						0.4 VL				0.04	31		36 L

W VL = VERY LOW, L = LOW, M = MEDIUM, H = HIGH, VH = VERY HIGH, G = GOOD, MA = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

Adam Harrison  
Bobs - SW-33-21-29-W2 (2019)  
Canola -



Sure-Check™ Soil Testing 2019 - #6465 Report Date: Jan 03, 2019

				Phosphorus P				Percent Base Saturation							
Sample	Depth (in.)	Organic Matter (%)	NO3-N (ppm)	Mod Kel (ppm)	Bray-P1 (ppm)	Potassium K (ppm)	Sulphur SO4-S (ppm)	pH	CEC (meq/100g)	% K	% Mg	% Ca	% H	% Na	
1A	0-6	3.2	10	9	13	383	36	6.4	14.3	6.9	26.8	57.6	8	0.7	
1B	6-24	2	3	4	0	196	12	7.5	22.8	2.2	33.1	64.5	0	0.6	

Sample	Depth (in.)	Mg (ppm)	Ca (ppm)	Na (ppm)	Zn (ppm)	Mn (ppm)	Fe (ppm)	Cu (ppm)	B (ppm)	Soluble Salts (ms/cm)	Saturation % P	Al (ppm)	Saturation % Al	K/Mg Ratio	Cl (ppm)	ENR	GFI
1A	0-6	461	1650	23	2	45	46	0.8	0.5	0.35	4	457	0.2	0.25	14	44	0
1B	6-12	905	2940	32	0	0	0	0	0	0	0	0	0	0.06	0	32	0

2015

2019

POWER RICH  
MULTI-TREATMENT

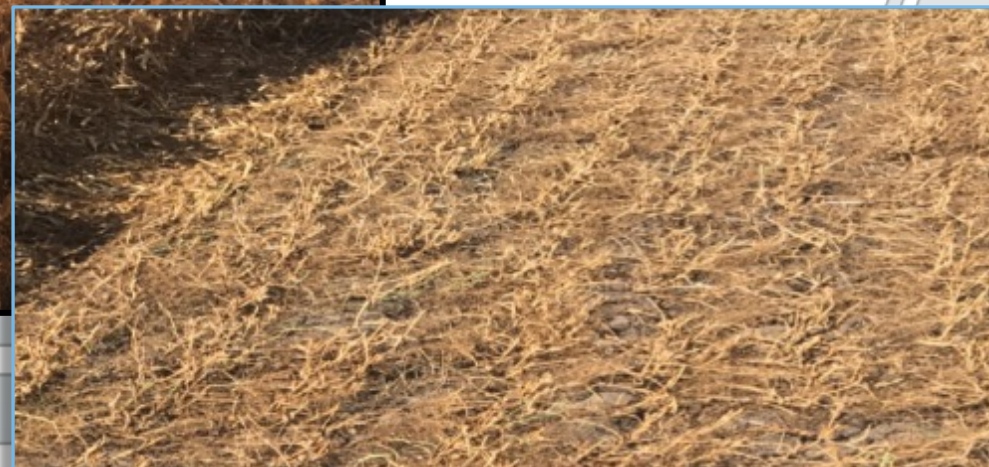
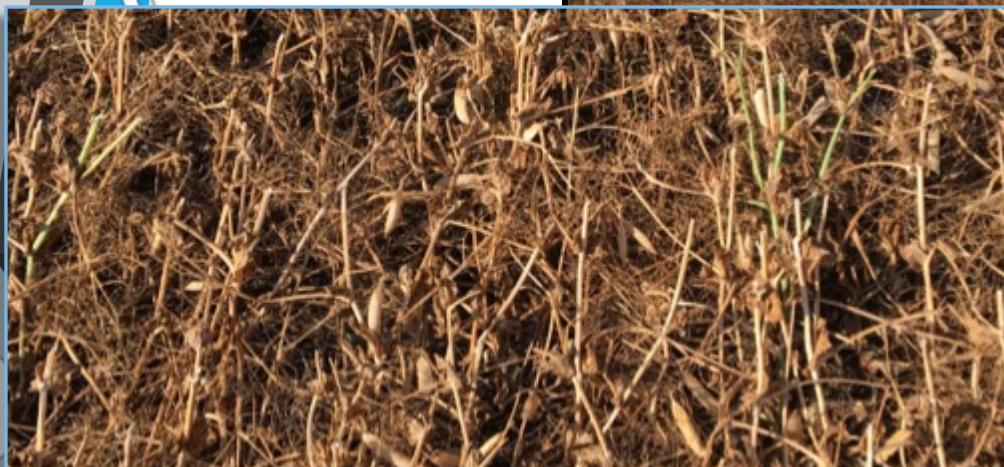


## Yorkton Sask: Peas Aug 2018

Left: Standard Phos  
11-52

Right: PowerPak30  
9-36-9

Both sides had equal pods but the right side had one seed more in every pod. The PowerRich side stood up better and was able to gather every pod. On left side some pods were left behind because they were too low. The healthier plant on right stood stronger and produced more bushels per acre.





## PowerRich customer results

**Hard Red Spring Wheat**

Holler Farms

Rosetown Sask

Powerpak30 9-36-9-2 granular  
starter @ 30lbs to the acre



POWER  
TOTAL CROOD NUTRITION

POWERRICH  
TOTAL CROOD NUTRITION



## Recent PowerRich customer result samples



Swan River Sask: Soybeans June 2018

Left: Standard P

Right: Powerpak30 9-36-9



Same Bean Roots Close up  
PowerRich treated beans on right show huge difference  
in nodulation, plant and root size





Oungre Sask: Hard Red Wheat July 2019  
 Left: Standard P  
 Right: Powerpak30 9-36-9



Torquay Sask: Peas July 2019  
 Right: PowerPak30 25lbs 9-36-9  
 Left: No fertilizer



Torrington Ab: Barley Aug 2019  
 PowerPak30 30lbs 9-36-9  
 17 Rows!  
 Yield was 91 bu/acre

POWERRICH

A GROWING NAME IN CROP NUTRITION



# Battle River Research Group

Forestburg, Alberta

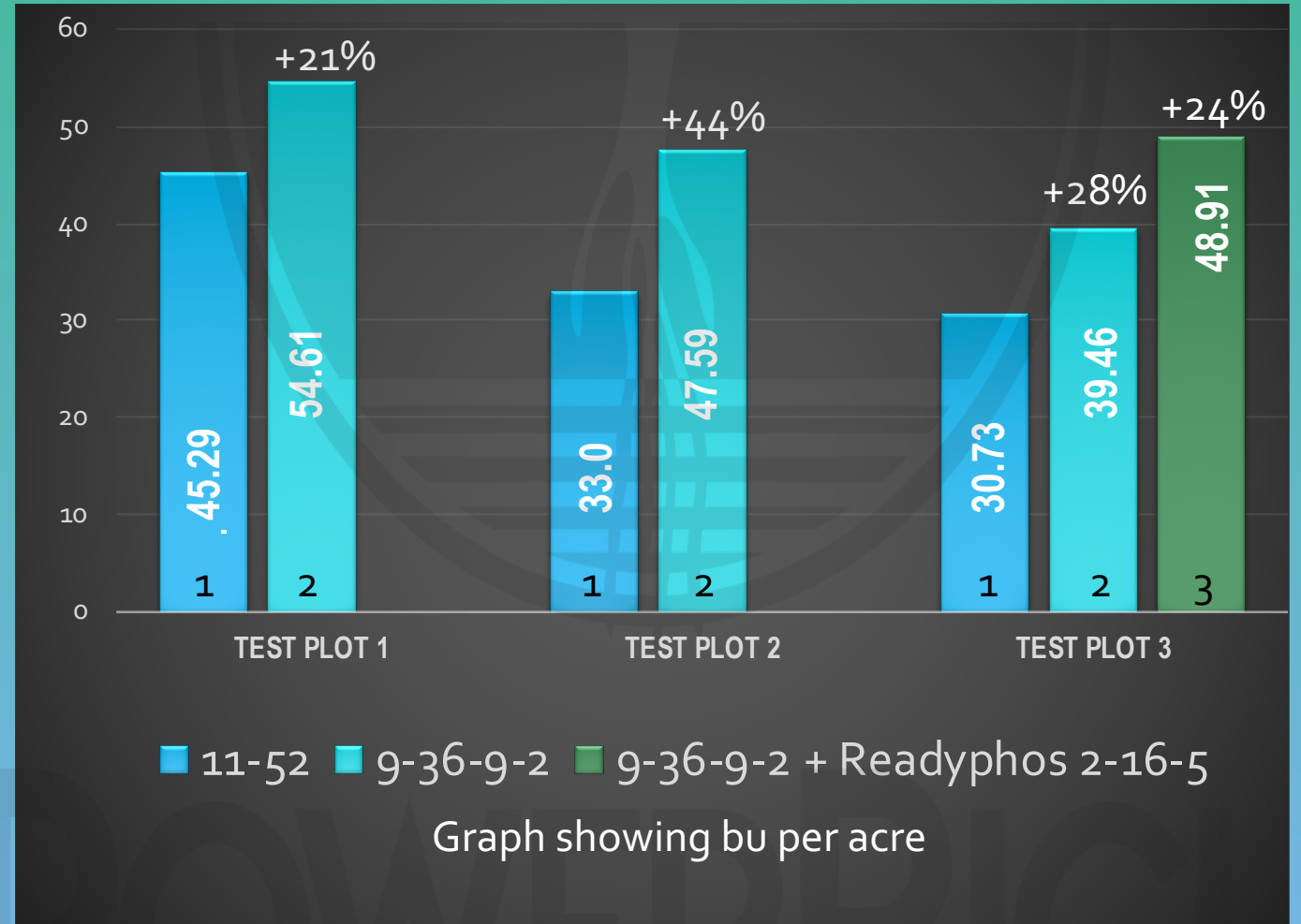
Khalil Ahmed Ph.D, PAg - Manager and Crop Research Coordinator

Trial:	Power Rich Peas 2019		
Seeding date:	May-10-2019		
Harvesting date:	Sep-16-2019		
treatments	3		
replication	4		
fertilizer:	provided by company		
seeding depth	1.5 inch deep		
Variety	CDC Meadow Peas		
	100% plant stand in all plots		
	glyphosate	as per blue book	preseed
2019-06-10	Viper adv	as per blue book	In-crop herbicide
2019-07-10	Headline	as per blue book	incrop fungicide

Trt. No.	BLEND	RATE lbs/acre	Herb treatment	Fung treatment	Seed treat
1	11-52*	50			
2	9-36-9 A	20			Yes
3	9-36-9 B	20	2L/acre RP*		Yes



## 2019 pea crop trail results







# POWERRICH

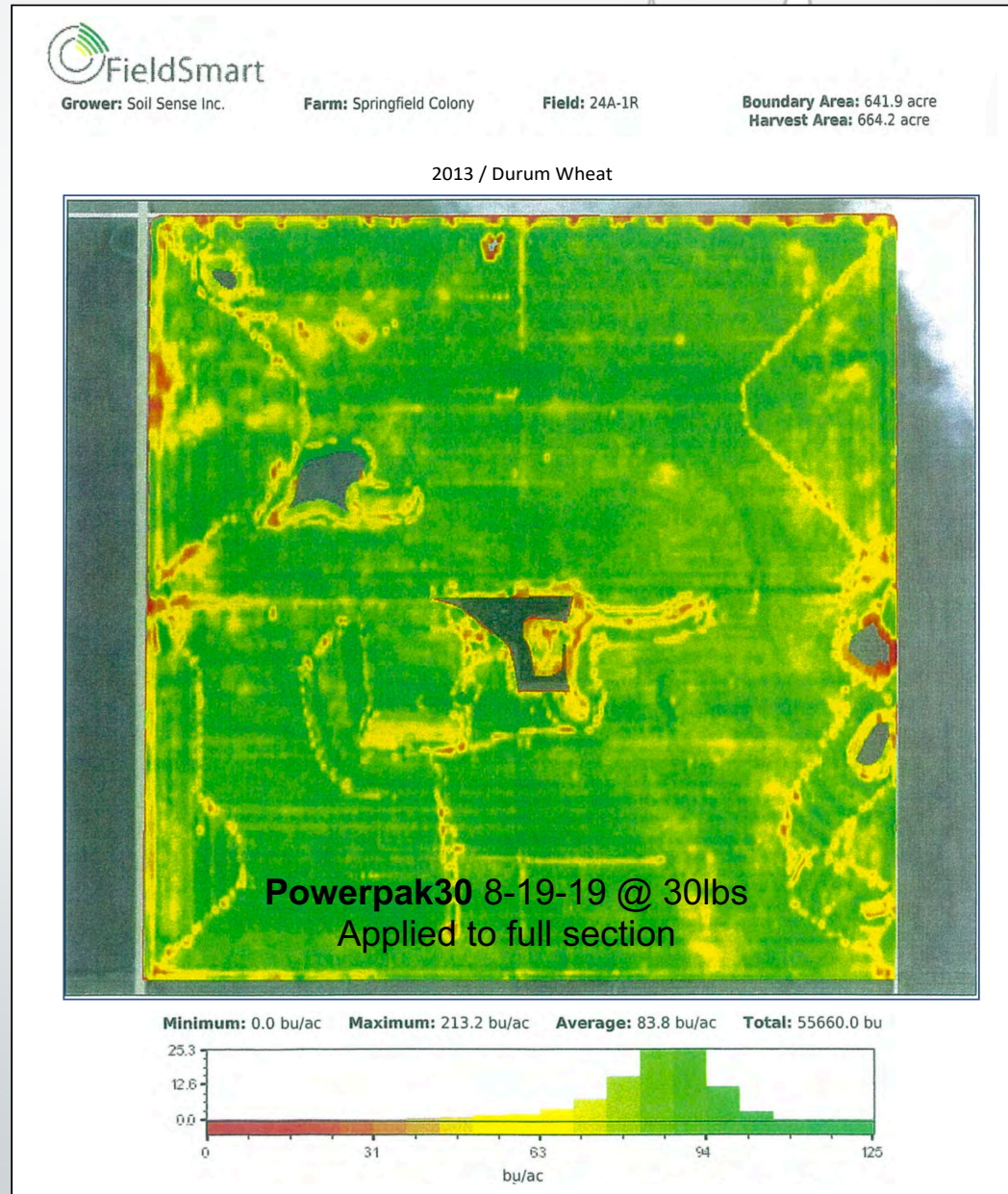
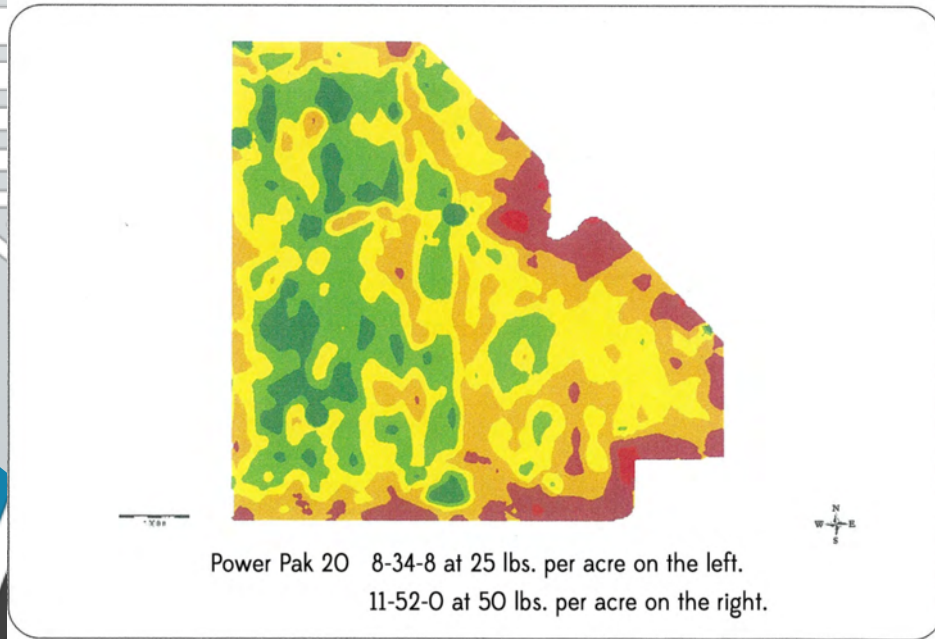
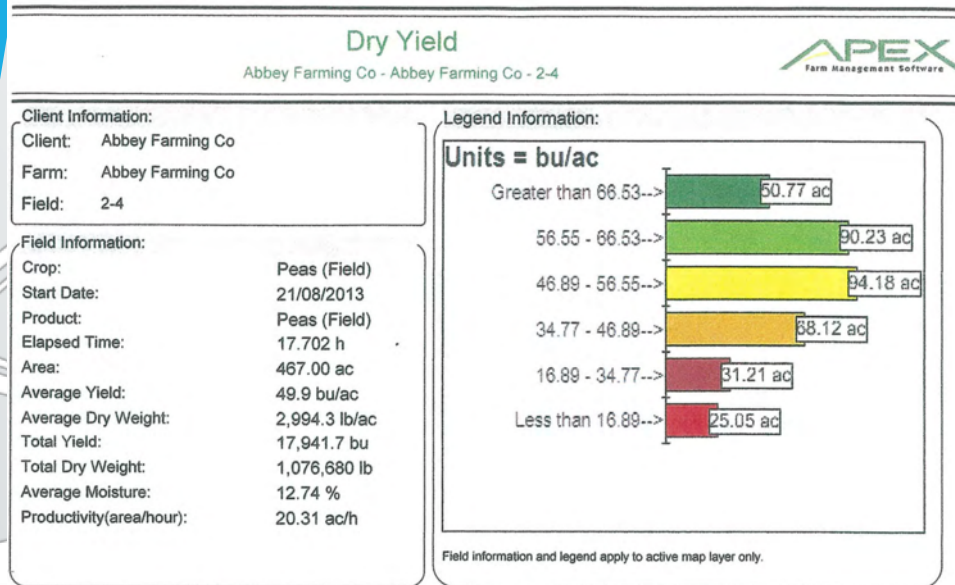
A GROWING NAME IN CROP NUTRITION

## RECENT CENTRAL SASKATCHEWAN GROWER TRAILS - Granular

Location	Crop	Yield Without PowerRich	Yield With PowerRich
Imperial	Red Lentils	37 bu/ac – no fertilizer	41.5 bu/ac @ 17lbs. PR/ac
Wakaw	Spring Wheat	44 bu/ac @ 50lbs. phos/ac	46 but/ac @ 25lbs. PR/ac
Davidson	Red Lentils	26 bu/ac – no fertilizer	31 bu/ac @ 15lbs. PR/ac
Hodgeville	Eston Lentils	26 bu/ac @ 50lbs. phos/ac	32 bu/ac @ 15lbs. PR/ac
Kindersley	Yellow Peas	45 bu/ac @ 40lbs. phos/ac	52 bu/ac @ 20 lbs. PR/ac
Imperial	Canola	46 bu/ac @ 50lbs. phos/ac	48 bu/ac @ 25lbs. PR/ac



# Results of PowerRich's balanced approach to nutrient management





## Customers see other benefits to using the PowerRich 3 step Fertility Program

**Combined Primary Elevator Receipt**  
Viterra Inc.

Date: 06/Sep/2018  
Receipt No.: 444481  
Delivery No.: 366499

YITERRA

Receipt: Primary Elevator Receipt  
Handling Type: Primary Elevator Receipt  
Reference No.:  
Special Bin:

Received this day for storage from:  
Name: Lasko, Kirby D  
Address: f

Reference:  
Purchase Contract #:  
Customer BOL: 4044696-0  
Shipment #:  
Vehicle Id:

Station:  
Name: Kamsack  
Address: KAMSACK

Scale Weight: Metric Tonnes		Moisture Loss	
Vehicle Full Weight:	38.460	Applied:	No
Vehicle Empty Weight:	12.580	Initial:	
Gross Before Waste Loss:	25.880	Final:	
Waste Loss:	0.000	Scale:	
Gross Weight:	25.880	Date:	06-Sep-2018
Moisture Loss:	0.000	Time In:	16:18:40 CST
Accountable Gross:	25.880	Time Out:	16:21:52 CST
Dockage:	0.129		
Net:	25.751		
Net Imperial Bushels:	946.187		

Grain/Grade:  
Grain: Wheat, Red Spring  
Provisional or Agreed  
Grade: 1 CWRS 15.1

Remarks:  
SPL 119

Receipt Properties:  
MST 14.500 %, D

**15.1% protein**

**0.5% Dockage**

“Using PowerRich has made outstanding changes that have benefited my farm”

- Kirby Lasko, Pelly Sask

POWER RICH  
A GROWING NAME IN CROP NUTRITION



# POWER RICH

## *SUMMARY OF PRESENTATION*

LIKE PEOPLE, PLANTS NEED A BALANCE OF NUTRITION  
TO REACH THEIR MAXIMUM POTENTIAL

WE BUILD CROPS FROM THE BOTTOM UP USING HIGH  
QUALITY MINERALS AND NATURAL KNOWLEDGE  
BENEFICIAL TO PLANTS AND YOUR SOIL

THROUGH THE PROCESS OF PROPER FERTILIZATION  
WE MAKE SURE THE PRODUCTS YOU ARE PUTTING IN THE  
SOIL AND ON YOUR CROPS PROMOTE SUSTAINABLE  
AGRICULTURE WHILE MAXIMIZING YIELD AND PROFIT

THERE IS A BETTER WAY.





# PURCHASING FERTILIZER IN THREE EASY STEPS

Amount is agreed upon and payment options are discussed including :

- **Cheque**
- **Credit card**
- **Financing options**



Agent fills out **Sale Invoice** and advises customer of any discounts or

**EARLY SHIPPING REBATES**

In effect at that time and terms of rebate



Agent explains how product is scheduled for delivery using the

**SHIPPING CALANDER**



then dates that work for customer are posted  
**PowerRich Freight Coordinator** advises when load is on its way to customer and ensures Delivery is satisfactory

PRODUCT DELIVERED TO FARM





# Does crop input financing makes sense for your farm?

More and more PowerRich  
customers across Western Canada are  
using crop input financing as a valuable  
tool for their farm operation

Our key financial partnerships make purchasing  
PowerRich products easier than ever before



**POWERRICH**  
A GROWING NAME IN CROP NUTRITION





**THANK YOU!**  
**FOR THE**  
**OPPORTUNITY**  
**TO SPEAK TO**  
**YOU TODAY**



**POWERRICH**  
A GROWING NAME IN CROP NUTRITION

**“In the years we’ve been using PowerRich, we’ve noticed healthier plants all season long and have higher protein in our wheat”**

**- Ken & Austin Severson, Norquay Sask**

