



# CENTRAL PLAINS CO-OP AGRO NEWS SPRING 2019



CO-OP AGRO IT'S HERE.

www.centralplainsco-op.ca



Central Plains

## GROWN WITH PURPOSE

### BUILD A LEGACY

With a forward-thinking agronomic program that enhances your land.

### EVALUATE ON-FARM PRACTICES

A comprehensive review of your planning, use of crop inputs and safe work practices will identify strategies to improve performance.

### PLAN FOR CONTINUAL IMPROVEMENT

Build a crop plant that drives nutrient-use efficiency and other performance metrics. Set benchmarks and establish short and long term goals to optimize production and profitability as well as soil health. Start small, see results and expand strategies to additional acres in subsequent years.

### DEMONSTRATE LEADERSHIP IN FARM STEWARDSHIP

Show your community - and consumers - that your crops are GROWN WITH PURPOSE™; they're nutritious, safe and produced with practices that are mindful of air, soil and water quality.



### START PLANNING TODAY

For a comprehensive review of your farm operations, speak to your Central Plains Co-op Grow Team.

A new agronomic program from the Co-op Grow Team can help you gain yields and increase efficiency with on-farm practices that are mindful of air, soil and water quality.

It's called GROWN WITH PURPOSE™.

"Grown with Purpose is a way of farming for today and tomorrow that provides growers with meaningful strategies to drive yields, enhance soil quality and build a legacy for the next generation," said Trish Meyers, PAg, CCA, Director of Crop Supplies with Federated Co-operatives Limited, which helped develop the program for the Co-op Grow Team.

### WHAT IS GROWN WITH PURPOSE?

Grown with Purpose describes a comprehensive suite of best management practices that assist crop planning and management. The cornerstone of the program is 4R Nutrient Stewardship, a set of principles that ensure fertilizer applications are made when and where plants need them the most.

As part of Grown with Purpose, Co-op Grow Team members will work with growers on the optimal source, rate, timing and placement of fertilizer. Using advanced agronomic tools and strategies, including variable-rate technology and enhanced-efficiency products, Co-op Grow Team members will help producers get the most from these investments while minimizing nutrient losses to the environment.

"Through Grown with Purpose, Co-op Grow Team members will build custom strategies for growers to improve fertilizer efficiency and other on-farm performance metrics," Meyers said. "We will also help producers capture and verify that data so they can show their community — and the people buying their grain — exactly how their farm is economically, environmentally and socially sustainable."

### FARM FOR THE FUTURE

You can begin your Grown with Purpose journey today with a comprehensive review of your on-

farm activities. That assessment will be used to identify effective strategies that can be employed one field at a time to improve on-farm efficiency, productivity and safety. That includes, but is not limited to:

- **Crop rotations** that promote soil health and reduce the spread of disease and insects.
- **Crop protection applications** that mitigate herbicide resistance by rotating and layering products with different modes of action.
- **Sprayer tank cleanout** practices that reduce the amount of wasted product and prevent unnecessary crop injury.

For more information about the program, speak to a High Yield Specialist at Central Plains Co-op Agro Centres.

### Farms GROWN WITH PURPOSE™ are:

#### PROFITABLE

Achieve yield goals, maximize returns from crop inputs and grow your business.

#### PROGRESSIVE

Continually adopt technology and advanced agronomic practices with a focus on effective nutrient management. Apply crop nutrition products when and where they are needed, and by soil testing and using the most effective products, minimize losses to the environment.

#### PROFESSIONAL

Promote the efficacy and stewardship of crop inputs and plant genetics, minimize drift, and limit the effects of farm activities on beneficial insects and the environment.



Shown in photo from left to right: Murray Clarke (Fertilizer & Agronomy Manager), Mike Wurzer (Landis High Yield Specialist), Meredith Mack (Plenty High Yield Specialist), Lori Imlach (Agro Division Manager), Harold Friedhoff (Landis Ag Sales Representative), Dustin Macnab (Rosetown High Yield Specialist) & Danean Edgar (Rosetown High Yield Specialist).

## THE DIRTY DUO

### FACTS Wild Oats

- The second most abundant grassy weed in the prairies and ranked #1 on the glyphosate risk assessment list.
- Because of their abundance and the dependency on glyphosate, wild oats are at a high risk for conferring glyphosate resistance.

### FACTS Kochia

- Is the 10th most abundant weed across the Canadian Prairies
- Was the first glyphosate-resistant weed in Western Canada. There are now resistant populations of kochia in all three Prairie provinces.
- All kochia populations are also presumed resistant to Group 2 herbicides.

## SPRAY PLAYBOOK



### NOZZLES

To minimize drift, use nozzles and operating pressures that produce extremely coarse to ultra-coarse droplets.



### WEED HEIGHT

Spray weeds according to size on the label.



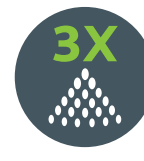
### LABEL BUFFER

Maintain the required label buffer to protect sensitive areas.



### GROUND SPEEDS

Make sure that ground speed is less than 25 km/h.



### TRIPLE RINSE

Use triple-rinse tank clean-out procedure.



### BOOM HEIGHT

To reduce the risk of drift, maintain boom height 50 cm above crop canopy.



### WIND SPEED

Optimal wind speeds for application typically occur between 5 and 15 km/h.

### MRLs

### MAXIMUM RESIDUE LIMIT

Protect our export markets. Adhere to the labelled pre-harvest interval.



### WATER VOLUME

Ensure you have sufficient water volume.



Talk to us for expert advice on tough-to-kill weeds.



### STAY CURRENT WITH THE CO-OP APP!

RECEIVE SPECIAL OFFERS TO HELP GROW, FUEL, EQUIP, BUILD AND FEED YOUR FARM!

VISIT THE APP STORE!

YOU'RE AT HOME HERE





# CENTRAL PLAINS CO-OP

# AGRO NEWS

## SPRING 2019



CO-OP AGRO IT'S HERE.

www.centralplainsco-op.ca

Unlike many of our competitors, Co-op Premium Diesel is TOP TIER™ certified — the premium standard for diesel performance — and is recognized and endorsed by one of the world's top automakers and engine manufacturers.

We achieve this by producing a fuel that exceeds the diesel fuel specifications of the Canadian General Standards Board (CGSB) for several key performance traits, including these:

- Our powerful detergent package has been proven to improve fuel economy by up to five per cent. It does so by removing and preventing deposits in fuel injectors and engine cylinders that result in power loss and sluggish performance.
- Water dispersants and fuel stabilizers in Co-op Premium Diesel control moisture in storage and fuel tanks, preserving fuel quality for longer.

To deliver optimal performance in all operating conditions, the Co-op Premium Diesel blend is adjusted more than two dozen times throughout the year. In the summer months, that means you receive an exceptional fuel with a higher cetane number and improved fuel economy compared to a standard competitor diesel.

### GET PREMIUM WITHOUT THE PRICE

When you choose Co-op Premium Diesel, you pay the regular diesel price for a fuel that outperforms the competition. Containing a powerful package of additives and detergents not available in standard competitor diesels, Co-op Premium Diesel guards your equipment against expensive repairs and unnecessary downtime — benefits that are available to you at no extra cost.

### DON'T SETTLE FOR LESS

Many Western Canadian refiners have transitioned to a "seasonal diesel" that meets winter specifications all year round. This makes it easy for the refinery to manage the product but results in a fuel that contains up to 2.4% less energy and means that you need more fuel to get the job done.

### HERE WHEN YOU NEED IT

Co-op Premium Diesel is formulated to give you the most out of your diesel when you need it most; during your biggest projects, your longest hauls, and harvest and seeding seasons. Co-op fuel will take you further than competitive seasonal diesel products because it's made for you.

## CO-OP PREMIUM DIESEL VS. TYPICAL COMPETITOR DIESEL

FEATURE	FUNCTION	BENEFIT	CO-OP PREMIUM WINTER DIESEL	CO-OP PREMIUM SUMMER DIESEL	TYPICAL COMPETITOR DIESEL
Cetane Number	Improves diesel ignition	Impacts fuel conversion efficiency, smoothness of operation, smoke emissions, noise and ease of starting	42	45-49	40
Corrosion Inhibitors	Provide corrosion protection of the fuel system	Extend injection pump life and reduce particulate in fuel, which decreases downtime and maintenance costs	Yes	Yes	No
Stabilizers	Provide longer formation of gums, varnish and sludge during storage	Longer storage life of fuel and fewer fuel filter replacements	Yes	Yes	No
Aggressive Detergents	Clean dirty injectors, keep clean injectors clean	Restores lost power because of fouled injectors. Improves fuel efficiency up to five per cent compared to dirty injectors. Extends life of injectors	Keep Clean/ Clean-up dose sufficient for heavy-duty engines	Keep Clean/ Clean-up dose sufficient for heavy-duty engines	Typical diesel doesn't contain detergents.
Lubricity Improvers	Improve the wear-inhibiting properties of ultra-low sulphur diesel	Prevents wear of high-pressure fuel injection pump. Reduces downtime and repair costs	<460µm	<350µm	<460µm
Energy Density	Improves the amount of energy contained in each litre of diesel	More energy per litre of diesel means more potential work with each tank fill	Contains lighter components	Up to 2.5 per cent higher than competitive seasonal products	Contains lighter components

For more information on this or any other CO-OP® fuel product, please contact your Central Plains Co-op Fuel Team at:  
 306.882.2608 | 310 Hwy. #7 W., Rosetown  
 Darren: dwheeler.cpcl@sasktel.net or Ben: bcressman.cpcl@sasktel.net



## CONNECTIVITY

If you've ever lost a bin of canola to spoilage, you know the benefits of equipping your farm with a grain monitoring system. The OPI Blue remote grain bin monitoring and fan control system can help protect your investment and maximize your profits.

No matter your needs or budget, there's an option for you. The experienced team at Central Plains Co-op can answer all your questions and help you adopt this technology.



## FARM WIDE WI-FI

Today, a lot of farming is done online. From monitoring grain bins and propane tanks to watching over video cameras and global markets, you can do more jobs right from your mobile device.

That's if you can get a reliable connection. Every farm is different, and Intelliconn's lineup of products and services available at Co-op® Agro Centres across Western Canada, can be customized to suit the layout, geography and needs of any farm.



## WE WOULD LIKE TO GIVE A WARM WELCOME TO THE NEWEST MEMBERS OF OUR GROW TEAM!



### Meredith Mack - High Yield Specialist

Meredith grew up helping on a cattle farm by Kerrobert. She got her degree in Agronomy at the U of S with a minor in Animal Science. Meredith is happy to be back home and looks forward to helping farmers in the Plenty area with all of their Agronomy needs.

Outside of work, she enjoys the company of her German Shepard Mellie. Meredith also plays show-pitch and still helps out on the farm whenever she can.



### Mike Wurzer - High Yield Specialist

Mike was born in Handel and grew up in Landis. He has a B.S.A. from the U of S and has a diploma in Environmental Engineering. Mike has practiced agronomy for 30 years, both as a field crop agronomist and a reclamation consultant in the oil and gas industry. Coming full circle to the area in which he grew up and first developed a love of the land, has brought back the passion of field crop agronomy.

Besides working with growers, Mike enjoys fishing, documenting local history, volunteering at the WDM, and restoration.

## ⟨GROW IT⟩

## MIX FOR MAXIMUM RESULTS

### Benefit from multiple modes of action.

Purchase matching acres of VECTOR® 540 and Aim® EC or Express® SG, FX or PRO and earn an after-season rebate of \$0.50 per acre.

Visit [www.agro.crs](http://www.agro.crs) or stop by your local Central Plains Co-op Agro Centre for details.



A \$0.50-per-acre after-season rebate is available on matching acres (640-acre minimum) of qualifying products only. For program calculations, conversions will be used for Vector 540 (0.67 litre = one acre), Aim EC (15 millilitres = one acre), Express SG/PRO (one jug = 80 acres) and Express FX (one case = 80 acres). This offer cannot be used in conjunction with any other Co-op offer unless minimum requirements are met for each individual offer. Always read and follow label directions.

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 VECTOR® Registered trademark of Federated Co-operatives Limited, Saskatoon S7K 3M9  
 All others are trademarks of their respective companies.

## EXCLUSIVE TO CO-OP

WE ARE COMMITTED TO PROVIDING FARMERS WITH ACCESS TO TIME-TESTED SOLUTIONS AND THE LATEST INNOVATIONS BUILT FOR WESTERN CANADA.

CO-OP® Agro Centre is home to a growing list of high quality products, including crop inputs, that Co-op exclusively manufactures and distributes.



A higher-concentrated formulation of glyphosate for non-selective weed control in most crop systems



Selective post-emergent herbicide for broad-spectrum grassy weed control in canola, flax and pulses



Post-emergent broadleaf herbicide in spring wheat, barley, rye, oats, mixed grains and flax



Post-emergent broadleaf herbicide in spring wheat, barley, rye and winter wheat



Broad-spectrum systemic fungicide for control of a wide range of diseases in several crops



Desiccant that delivers a fast and effective dry down for canola, pulses and soybeans



All in one non-ionic surfactant for deposition aid, drift reduction and pH adjustment.

## CHOOSE CENTRAL PLAINS CO-OP FOR ALL YOUR FARM NEEDS

Rosetown Agro .....	306.882.2601	Home Centre .....	306.882.2607
Landis Agro .....	306.658.2234	Bulk Fuel .....	306.882.2608
Plenty Agro .....	306.932.1214	Cardlocks in Eston, Landis, Plenty, Perdue, Harris & Rosetown	



ROSETOWN | LANDIS | PERDUE | PLENTY | ESTON