



2024

CROP PROTECTION GUIDE

Herbicides | Insecticides | Fungicides | Adjuvants | Crop Nutrition



OUR MISSION:

POWERING THE PROSPERITY OF FAMILY FARMERS AROUND THE WORLD



To be a farmer is to live in a highly unpredictable world, where even unrelenting hard work doesn't guarantee success. Which is why FBN® is on a mission to provide our farmer members more control every day, in every decision that affects their livelihood.

Since 2018, *FBN* has been building an online platform in Canada that helps put family farmers in the driver's seat. Through better use of data and technology, we are redefining value and convenience to help farmers make confident decisions that reduce costs and maximize revenue potential.

To learn more about our crop protection products, or to talk to an *FBN* representative, call **587-874-7488** or visit **FBN.com** today.

QUALITY CROP PROTECTION AT A GREAT PRICE

FBN offers a wide range of quality herbicide, insecticide, fungicide, adjuvant and nutrition solutions that help farmers effectively protect and nourish their crops. We carry post-patent alternatives to many of the latest crop protection brands, plus a line of adjuvant and crop nutrition solutions uniquely selected to address the growing demands of crop production.

Our full line of crop protection and nutrition solutions is available to view online at FBN.com where farmers can access transparent list prices, flexible payment options and direct-to-farm delivery on qualified orders.



HERBICIDE



INSECTICIDE



FUNGICIDE



ADJUVANT



CROP NUTRITION



FBN CROP PROTECTION POST-PATENT ALTERNATIVES



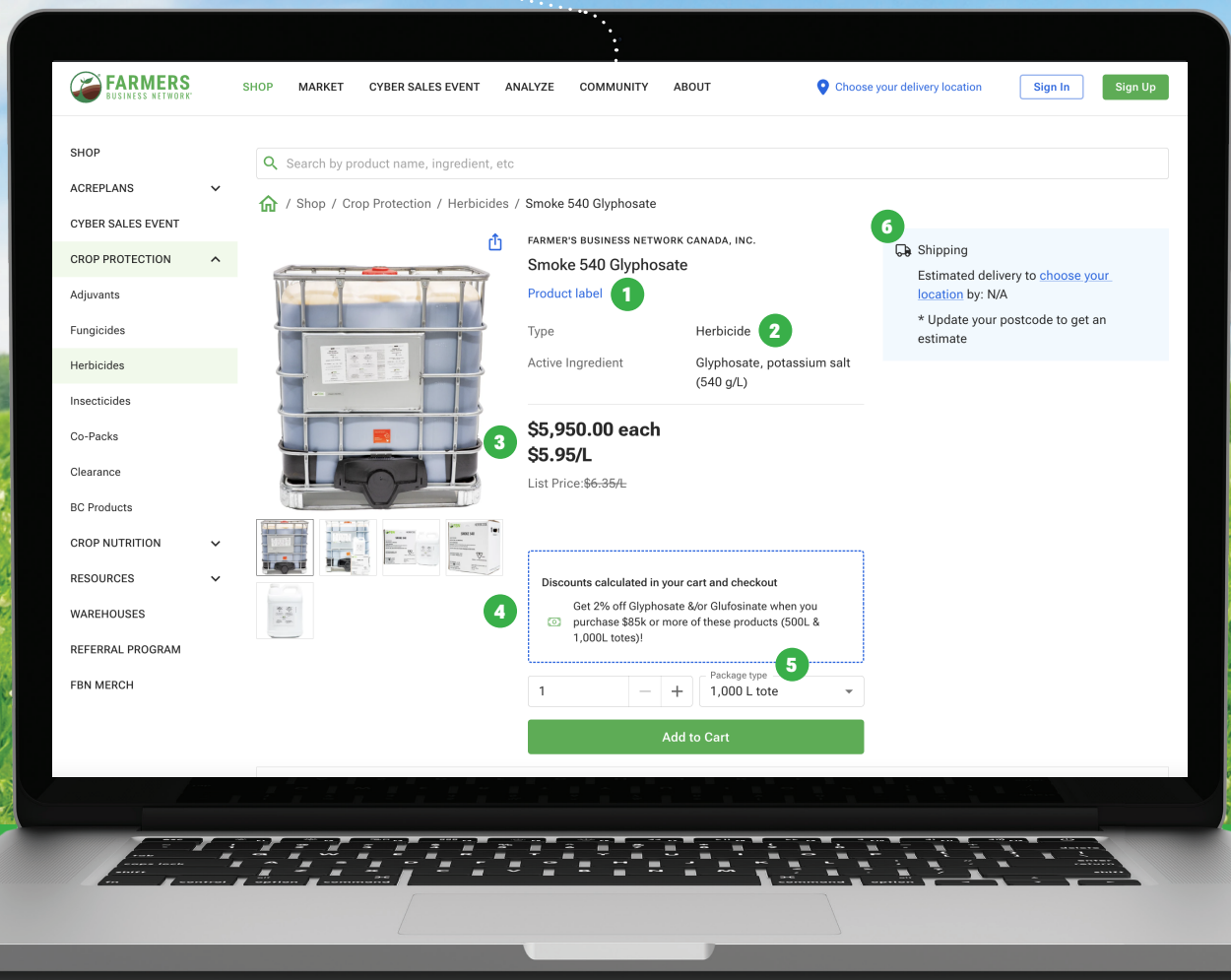
BRAND NAME	COMMON ACTIVE INGREDIENT	FBN PRODUCT <small>Visit FBN.com for product availability</small>
HERBICIDE		
● 2,4-D Ester 700	2,4-D, 2-ethylhexyl ester (660.00)	FBN 2,4-D Ester 700 EC
● AIM® EC	Carfentrazone-ethyl (240.00)	Maxunitech Carfentrazone-ethyl 240EC Herbicide
● Assure® II	Quizalofop P-Ethyl (96.00)	Elegant 10 EC Herbicide
● Authority® 480	Sulfentrazone (480.00)	Maxunitech Sulfentrazone 480SC
● Banvel® II	Dicamba (480.00)	Disha 480 Herbicide
● BlackHawk®	2,4-D Ester (660.00) + Carfentrazone-ethyl (240.00)	FBN Blacktail™ Herbicide
● Centurion®	Clethodim (240.00)	FBN Clethodim 240®
● Florasulam	Florasulam (50.00)	FBN Florasulam 50 SC
● Fluroxypyr	Fluroxypyr, 1-methylheptyl ester (180.00)	FBN Fluroxypyr 180 EC
● Horizon® NG	Clodinafop-propargyl (240.00)	FBN Clodinafop
● Liberty® 150 SN	Glufosinate-ammonium (150.00)	FBN Glufosinate 150 SN
● Lontrel™ 360	Clopyralid, monoethanolamine salt (360.00)	Advantage Clopyralid 360
● MCPA Ester 600	MCPA, 2-ethylhexyl ester (600.00)	FBN MCPA Ester 600 EC
● OcTTain™ XL	Fluroxypyr + 2,4-D	FBN CapTTain™ Co-Pack
● Refine® SG	Thifensulfuron methyl (50.00%); Tribenuron methyl (25.00%)	Draft®
● Reglone®	Diquat dibromide (240.00)	FBN Diquat 240 SN
● Roundup WeatherMAX®	Glyphosate, potassium salt (540.00)	Smoke® 540 Glyphosate
● Solo® WDG	Imazamox (70.00%)	Cavort Herbicide
● Stellar™ XL	Fluroxypyr, MCPA, Florasulam	FBN Sterling™ Co-Pack
● Viper® ADV	Bentazon (429.00) + Imazamox (20.00)	Benz
FUNGICIDE		
● Folicur® 250 EW	Tebuconazole (250.00)	FBN Tebuconazole 250
● Headline® EC	Pyraclostrobin (250.00)	Preach Fungicide
● Proline® 480 SC	Prothioconazole (480.00)	FBN Prothio 480 SC
● Prosaro® 250 EC	Prothioconazole (125.00) + Tebuconazole (125.00)	FBN ProTEB 250 EC
● Quadris®	Azoxystrobin (250.00)	FBN Azoxy 250 SC
● Quilt®	Azoxystrobin (75.00) + Propiconazole (125.00)	Sharda Funktion SC
● Raxil® Pro	Metalaxyl (6.20) + Prothioconazole (15.40) + Tebuconazole (3.00)	Lixar Pro
● Tilt® 250E	Propiconazole (250.00)	Propi Super 25 EC
INSECTICIDE		
● decis® 5 EC	Deltamethrin (50.00)	FBN Deltamethrin 5 EC Insecticide
ADJUVANT		
● AGRAL® 90	Spreader + Wetting Agent	Icon®
● LI 700®	Surfactant	Falcon®
● Valid®/InterLock®	Surfactant	ACCU-SPRAY®
CROP NUTRITION		
● Micronutrient blend	3-15-15, 0.1 Mg	Afterburner 3-15-15 + Mg
● Micronutrient blend	Macro + Micro-Nutrient Blend	Blossom SS (CAN)
WATER CONDITIONER		
● Water conditioner	Water conditioner with pH adjusting properties	Co-Pilot Non-Ionic Conditioning Agent helps with water quality issues that would affect glyphosate efficacy



ORDER CONFIDENTLY

Get an easy ordering experience at FBN.com. Our online store makes it fast and simple to navigate, find and compare products, and view transparent list pricing. Shop by category, browse featured products and get additional suggestions based on your cart.

- 1 **PRODUCT LABEL**
- 2 **COMPARISON PRODUCTS**
- 3 **TRANSPARENT LIST PRICES**
- 4 **CALCULATE COST PER ACRE**
- 5 **PACKAGE TYPE**
- 6 **DELIVERY INFORMATION**



Nothing contained on this page, including the prices listed, should be construed as an offer for sale, or a sale of products. All products and prices are subject to change at any time and without notice. Terms and conditions apply.

CROP PROTECTION SAVINGS

PROGRAM SUMMARY

Buy now to save this season! *FBN* is offering a discount to farmers who purchase select qualifying products through the *FBN* store.

OFFER	REQUIREMENTS	PROGRAM PERIODS
4% DISCOUNT	Enterprises purchasing between Dec 9, 2023 and Mar 31, 2024 will receive 4% off select <i>FBN</i> products listed in the "Qualifying Products Section."	12/9/2023 - 3/31/2024
2% DISCOUNT	Enterprises purchasing between Apr 1, 2024 and Aug 31, 2024 will receive 2% off select <i>FBN</i> products listed in the "Qualifying Products Section."	4/1/2024 - 8/31/2024

**Terms and conditions apply. See full program details at FBN.com/direct/home.*

SHOP NOW AT [FBN.COM](https://FBN.com)

To learn more about our crop protection products, or to talk to an *FBN* representative, call **587-874-7488** or visit **FBN.com** today.



DISCOVER DIRECT-TO-FARM DELIVERY ON YOUR TERMS



Get estimated delivery dates before you buy with our Delivery Transparency feature. Choose options suited to your schedule and stay informed by receiving delivery alerts and information about upcoming deliveries.

For product orders placed through Feb 28th, 2024, the *FBN* store will automatically sort them into Pre-Season and In-Season for convenient delivery prior to the application period. You won't have to store the products throughout the winter and you'll know when to expect your delivery so you can be ready for the season.

WE'RE CLOSER THAN YOU THINK

When you choose *FBN*, you work closely with our network of Community Builders — independent sales representatives who sell products and services designed to give family farmers personal service. Combined with a hyper-efficient logistics network that spans over 97% of growing acreage in Canada within a 400-km radius, *FBN* gives Canadian farmers the competitive advantages they need to succeed.



FBN[®] Fleet Vehicles | 10
FBN[®] Logistic Centers | 9

CANADA LOGISTICS NETWORK

ALDERSYDE, AB

CALMAR, AB

GRANDE PRAIRIE, AB

LANGLEY, BC

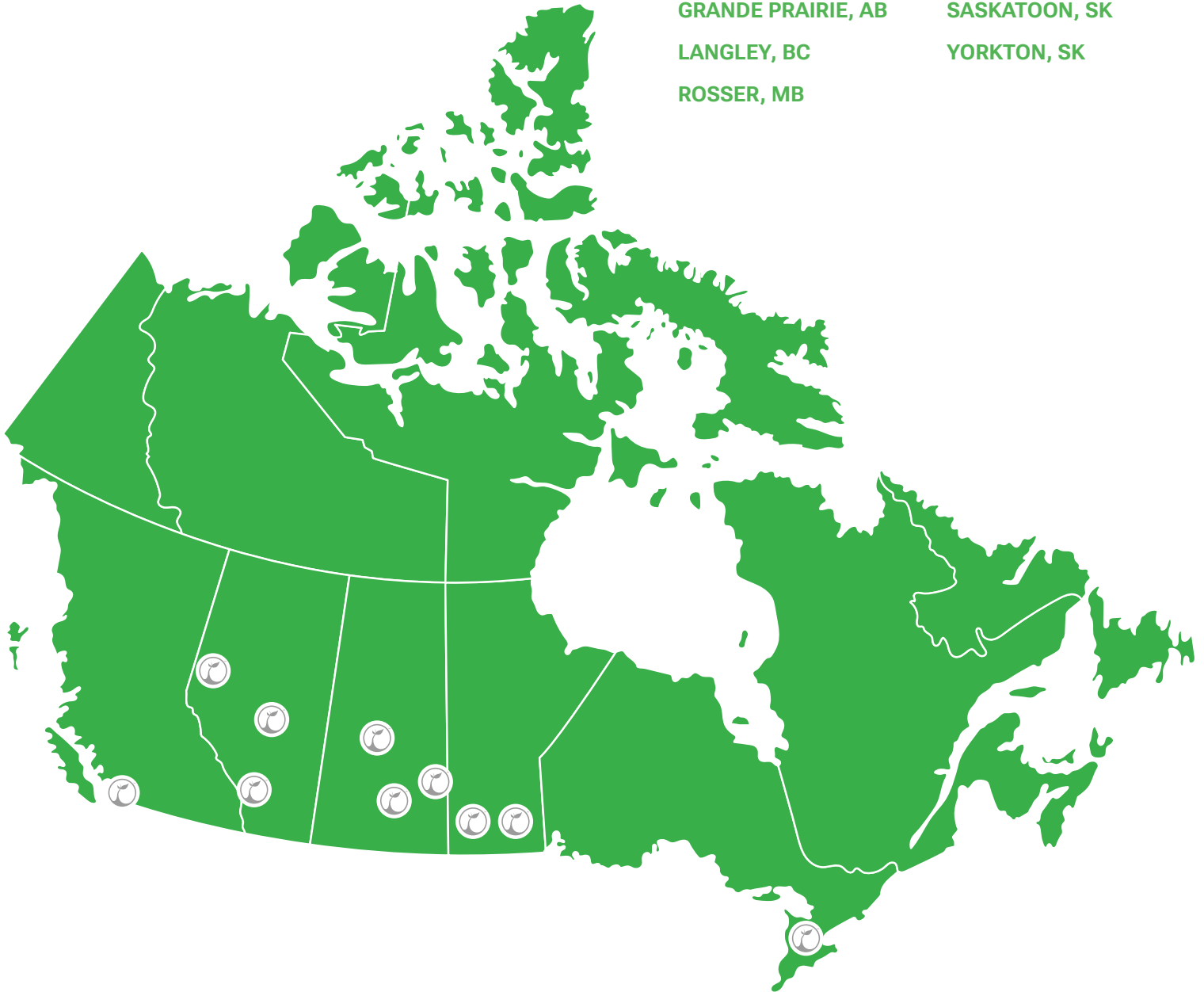
ROSSER, MB

LONDON, ON

REGINA, SK

SASKATOON, SK

YORKTON, SK



To learn more about our crop protection products, or to talk to an FBN representative, call **587-874-7488** or visit **FBN.com** today.

**NEW! *FBN*
ACREPLAN:SM
PLAN, PRICE
& PURCHASE**



AcrePlanSM makes chemical planning simple.

AcrePlanSM is the only digital chem planning and purchasing tool in agriculture and it's like nothing you've ever seen before. With a just a few clicks, you can complete your chem program and shop online. **It's fast, simple, and easy.**

- 1 STEP ONE:** In the AcrePlanSM tool, select your crop type and input your number of acres.
- 2 STEP TWO:** Choose your application timing (burndown, pre-emergence, post-emergence, fungicide/insecticide)
- 3 STEP THREE:** Choose a pre-made pass—designed with input from an *FBN* agronomist—set your rate, add to cart, and you're done!



Visit [FBN.com/AcrePlan](https://www.fbn.com/AcrePlan) today. Plan, price, and purchase.



WHEAT

HERBICIDES



Smoke® 540 Glyphosate

Non-selective, non-residual herbicide with a wide range of tank mix partners to control broadleaf and grassy weeds. Contains glyphosate, the active ingredient in Roundup® WeatherMAX®.



Maxunitech Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than glyphosate along with no re-cropping restrictions. Controls Group 2-, 4- and 9-resistant kochia and other resistant weeds as well as all types of volunteer canola, wild buckwheat, cleavers, and chickweed. Contains carfentrazone, the active ingredient in AIM®.



FBN Florasulam 50 SC

Systemic post emergent selective herbicide for the control of hard-to-kill annual broadleaf weeds such as chickweed, wild buckwheat, and cleavers in spring wheat (including durum), spring barley, and oats (tank mixes only) not underseeded with legumes. Contains florasulam, the active ingredient in PrePass™ Flex.



Tribe 75 WDG

Controls a wide variety of broadleaf weeds including pigweed, Canada and Russian thistle, stinkweed, and lamb's quarters in barley, spring and durum wheat. Contains tribenuron methyl, the active ingredient in Express®.



FBN Clodinafop

Systemic post emergent herbicide for the selective control of wild oats, volunteer oats, green foxtail, yellow foxtail, barnyard grass, Persian darnel and volunteer canary seed in spring and durum wheat. Contains clodinafop-propargyl, the active ingredient in Horizon®.



FBN Sterling™ Co-Pack

A broadleaf herbicide that includes Fluoroxypyr, MCPA Ester, and Florasulam. An excellent option to control kochia, cleavers, hemp-nettle, chickweed, lamb's quarters and volunteer canola. Contains florasulam, fluoroxypr, and MCPA ester, the active ingredients in Stellar™ XL.



FBN CapTTain™ Co-Pack

A broadleaf herbicide that includes fluoroxypr and 4-D ester. A great option to control kochia, cleavers, storksbill, hemp-nettle, lamb's quarters, and volunteer canola. Contains 2,4-D ester and fluoroxypr, the active ingredients in OcTTain™ XL.

HERBICIDES CONT'D



FBN BlackTail™ Co-Pack

Versatile pre-seed weed control before cereals, soybeans, and corn. Utilizing carfentrazone, it provides excellent control of Group 2-, 4- and 9- resistant kochia, and excellent control of narrowleaf hawksbeard. Can be applied in fall providing excellent weed control, and a cleaner start next spring. Combines three herbicide groups when the tank is mixed with Smoke® 540, helping manage herbicide resistance.



FBN 2,4-D Ester 700 EC

Systemic post emergent herbicide for the control of many broadleaf weeds in cereal crops, uncropped areas, and pastures.



FBN MCPA Ester 600 EC

Systemic post emergent herbicide for the control of many broadleaf weeds in cereal crops.



FBN Fluroxypyr 180 EC

Systemic post emergent selective herbicide for the control of annual broadleaf weeds in spring wheat, durum wheat and spring barley, not underseeded with legumes. Fluroxypyr offers a novel mode of action for controlling hard-to-kill annual broadleaf weeds such as kochia (including ALS resistant biotypes) and cleavers. Fluroxypyr will also provide suppression of hemp-nettle, wild buckwheat, and chickweed.



Disha 480 Herbicide

Systemic herbicide with a broad application window that can be used in crop in corn and cereals, as well as pre-seed or post-harvest before seeding most cereals. Contains dicamba, the active ingredient in Banvel®.



Draft®

Economical broadleaf weed control in an easy to use, water-soluble formulation with a wide range of tank mix options including both grass and broadleaf herbicides. Contains thifensulfuron methyl and tribenuron methyl, the active ingredients in Refine®.



FBN Clopyralid 360 SL

Selective post emergent herbicide for control of Canada thistle, and other tough broadleaf weeds. Contains clopyralid, the active ingredient in Lorel™ 360.



FUNGICIDES



Propi Super 25 EC

Systemic fungicide that provides excellent early season disease protection and can be tank mixed with many different herbicides. Contains propiconazole, the active ingredient in Tilt®.



Sharda Fungtion SC

Systemic fungicide with two modes of action for many crops, controlling many diseases in cereals, corn, canola, and pulses, providing both curative and preventative properties. Contains azoxystrobin and propiconazole, the active ingredients in Quilt®.



Preach Fungicide

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains pyraclostrobin, the active ingredient in Headline®.



FBN Tebuconazole 250

Systemic fungicide with a wide application window, providing great control of most leaf diseases in cereals as well as some FHB protection. Contains tebuconazole, the active ingredient in Folicur®.



FBN ProTEB 250 EC

Systemic fungicide with both curative and preventative leaf and head disease control in cereals, with the best in class FHB protection. Contains prothioconazole, the active ingredient in proline® 480 SC.

SEED TREATMENT



Lixar Pro

Seed treatment fungicide for seed and seedling protection against soilborne diseases such as pythium and fusarium in cereals. Contains metalaxyl, prothioconazole, and tebuconazole, the active ingredients in Raxil® Pro.

INSECTICIDES



FBN Deltamethrin 5 EC Insecticide

Insecticide that provides fast, effective control of a wide range of insects in many crops including flea beetles, diamondback moths, bertha armyworms, and grasshoppers. Contains deltamethrin, the active ingredient in decis® 5 EC.

ADJUVANTS



Icon®

Non-ionic liquid wetting and spreading agent.



Falcon®

A surfactant that lowers water pH and reduces off-target drift.



ACCU-SPRAY®

Contains a surfactant and a drift control agent. Can replace Valid® or InterLock®. A great option with glufosinate ammonium or glyphosate.



Co-Pilot Non-Ionic Conditioning Agent

A surfactant that lowers the water pH. A great product to mix with your glyphosate and desiccant.

WHEAT



CHEM PLANNING MADE SIMPLE

To learn more about our AcrePlan, or to talk to an FBN representative, call **587-874-7488** or visit **FBN.com/AcrePlan** today.



BARLEY

HERBICIDES



Smoke® 540 Glyphosate

Non-selective, non-residual herbicide with a wide range of tank mix partners to control broadleaf and grassy weeds. Contains glyphosate, the active ingredient in Roundup® WeatherMAX®.



Maxunitech Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than glyphosate along with no re-cropping restrictions. Controls Group 2-, 4- and 9-resistant kochia and other resistant weeds as well as all types of volunteer canola, wild buckwheat, cleavers, and chickweed. Contains carfentrazone, the active ingredient in AIM®.



FBN Florasulam 50 SC

Systemic post emergent selective herbicide for the control of hard-to-kill annual broadleaf weeds such as chickweed, wild buckwheat, and cleavers in spring wheat (including durum), spring barley, and oats (tank mixes only) not underseeded with legumes. Contains florasulam, the active ingredients in PrePass™ Flex.



Tribe 75 WDG

Controls a wide variety of broadleaf weeds including volunteer canola, pigweed, Canada and Russian thistle, stinkweed and lamb's quarters in barley, spring and durum wheat. Contains tribenuron methyl, the active ingredient in Express SG®.



FBN 2,4-D Ester 700 EC

Systemic post emergent herbicide for the control of many broadleaf weeds in cereal crops, uncropped areas, and pastures.



FBN MCPA Ester 600 EC

Systemic post emergent herbicide for the control of many broadleaf weeds in cereal crops.



FBN Fluroxypyr 180 EC

Systemic post emergent selective herbicide for the control of annual broadleaf weeds in spring wheat, durum wheat and spring barley, not underseeded with legumes. Fluroxypyr offers a novel mode of action for controlling hard-to-kill annual broadleaf weeds such as kochia (including ALS resistant biotypes) and cleavers. Fluroxypyr will also provide suppression of hemp-nettle, wild buckwheat, and chickweed.



Draft®

Economical broadleaf weed control in an easy to use, water-soluble formulation with a wide range of tank mix options including both grass and broadleaf herbicides. Contains thifensulfuron methyl and tribenuron methyl, the active ingredients in Refine®.



FBN Clopyralid 360 SL

Selective post emergent herbicide for control of Canada thistle, and other tough broadleaf weeds. Contains clopyralid, the active ingredient in Lontrel™ 360.



FBN Sterling™ Co-Pack

A broadleaf herbicide that includes fluroxypyr, MCPA ester, and florasulam. An excellent option to control kochia, cleavers, hemp-nettle, chickweed, lamb's quarters and volunteer canola.



FBN CapTTain™ Co-Pack

A broadleaf herbicide that includes fluroxypyr and 2,4-D ester. A great option to control kochia, cleavers, storksbill, hemp-nettle, lamb's quarter, and volunteer canola.

FUNGICIDES



Lixar Pro

Seed treatment fungicide for seed and seedling protection against soilborne diseases such as pythium and fusarium in cereals. Contains metalaxyl, prothioconazole, and tebuconazole, the active ingredients in Raxil® Pro.



Propi Super 25 EC

Systemic fungicide that provides excellent early season disease protection and can be tank mixed with many different herbicides. Contains propiconazole, the active ingredient in Tilt®.



Sharda Fungtion SC

Systemic fungicide with two modes of action for many crops, controlling many diseases in cereals, corn, canola, and pulses, providing both curative and preventative properties. Contains azoxystrobin and propiconazole, the active ingredients in Quilt®.



Preach Fungicide

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains pyraclostrobin, the active ingredient in Headline®.



FBN Tebuconazole 250

Systemic fungicide with a wide application window, providing great control of most leaf diseases in cereals as well as some FHB protection. Contains tebuconazole, the active ingredient in Folicur®.



FBN ProTEB 250 EC

Systemic fungicide with both curative and preventative leaf and head disease control in cereals, with the best in class FHB protection. Contains prothiconazole and tebuconazole, the active ingredients in Prostaro®.

INSECTICIDES



FBN Deltamethrin 5 EC Insecticide

Insecticide that provides fast, effective control of a wide range of insects in many crops, including flea beetles, diamondback moths, bertha armyworms, and grasshoppers. Contains deltamethrin, the active ingredient in decis® 5 EC.

ADJUVANTS



Icon®

Non-ionic liquid wetting and spreading agent.



Falcon®

Surfactant that lowers water pH and reduces off-target drift.



ACCU-SPRAY®

Contains a surfactant and a drift control agent. Can replace Valid® or InterLock®. A great option with glufosinate ammonium or glyphosate.



Co-Pilot Non-Ionic Conditioning Agent

A surfactant that lowers the water pH. A great product to mix with your glyphosate and desiccant.



CANOLA

HERBICIDES



Smoke® 540 Glyphosate

Non-selective, non-residual herbicide with a wide range of tank mix partners to control broadleaf and grassy weeds. Contains glyphosate, the active ingredient in Roundup® WeatherMAX®.



Maxunitech Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than glyphosate along with no re-cropping restrictions. Controls Group 2-, 4- and 9-resistant kochia and other resistant weeds as well as all types of volunteer canola, wild buckwheat, cleavers, and chickweed. Contains carfentrazone, the active ingredient in AIM®.



Bromoxynil 240 EC

Selective post emergent herbicide that is an excellent option for volunteer canola control tank mixed with Smoke® pre-seed. Contains bromoxynil, the active ingredient in Pardner®.



FBN Glufosinate 150 SN

Non-selective herbicide and desiccant that breaks down rapidly in the soil. Contains glufosinate, the active ingredient in Liberty®.



FBN Clopyralid 360 SL

Selective post emergent herbicide for control of Canada thistle, and other tough broadleaf weeds. Contains clopyralid, the active ingredient in Lontrel™ 360.



FBN Clethodim 240®

Systemic post emergent herbicide for control of a broad range of grasses in many broadleaf crops. Contains clethodim, the active ingredient in Centurion®.



Elegant 10% EC Herbicide

Selective, post emergence herbicide for the control of annual and perennial grasses in many dicot crops such as canola, flax, soybeans, and pulses. Contains quizalofop, the active ingredient in Assure®.



FBN Diquat 240 SN

Desiccant for pulses and oilseeds. Contains diquat, the active ingredient in Reglone®.

FUNGICIDES



Propi Super 25 EC

Systemic fungicide that provides excellent early season disease protection and can be tank mixed with many different herbicides. Contains propiconazole, the active ingredient in Tilt®.



Sharda Fungtion SC

Systemic fungicide with two modes of action for many crops, controlling many diseases in cereals, corn, canola, and pulses, providing both curative and preventative properties. Contains azoxystrobin and propanazole, the active ingredients in Quilt®.



Preach Fungicide

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains pyraclostrobin, the active ingredient in Headline®.



FBN Azoxy 250 SC

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains azoxystrobin, the active ingredient in Quadris®.



FBN Prothio 480 SC

A systemic fungicide that provides excellent protection against sclerotinia in canola, leaf disease and fusarium in cereals, as well as white mold in lentils. Can be used in corn and soybeans too. Contains prothioconazole, the active ingredient in Proline®.

INSECTICIDES



FBN Deltamethrin 5 EC Insecticide

Insecticide that provides fast, effective control of a wide range of insects in many crops, including flea beetles, diamondback moths, bertha armyworms, and grasshoppers. Contains deltamethrin, the active ingredient in decis® 5 EC.

ADJUVANTS



Icon®

Non-ionic liquid wetting and spreading agent.



Falcon®

A surfactant that lowers water pH and reduces off-target drift.



ACCU-SPRAY®

Contains a surfactant and a drift control agent. Can replace Valid® or InterLock®. A great option with glufosinate ammonium or glyphosate.



Co-Pilot Non-Ionic Conditioning Agent

A surfactant that lowers the water pH. A great product to mix with your glyphosate and desiccant.



CHEM PLANNING MADE SIMPLE

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PEAS

HERBICIDES



Smoke® 540 Glyphosate

Non-selective, non-residual herbicide with a wide range of tank mix partners to control broadleaf and grassy weeds. Contains glyphosate, the active ingredient in Roundup® WeatherMAX®.



Maxunitech Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than glyphosate along with no re-cropping restrictions. Controls Group 2-, 4- and 9-resistant kochia and other resistant weeds as well as all types of volunteer canola, wild buckwheat, cleavers, and chickweed. Contains carfentrazone, the active ingredient in AIM®.



Elegant 10% EC Herbicide

Selective, post emergence herbicide for the control of annual and perennial grasses in many dicot crops such as canola, flax, soybeans, and pulses. Contains quizalofop, the active ingredient in Assure®.



FBN Clethodim 240®

Systemic post emergent herbicide for control of a broad range of grasses in many broadleaf crops. Contains clethodim, the active ingredient in Centurion®.



Benz

Systemic post emergent herbicide that combines the two active ingredients: imazamox, belonging to herbicide mode of action Group 2, and bentazon belonging to the herbicide mode of action Group 6. Imazamox is a selective herbicide that, when applied as an early post-emergence treatment, may be absorbed through both the roots and foliage. Contains bentazon and imazamox, the same active ingredients as in Viper® ADV.



FBN Diquat 240 SN

Desiccant for pulses and oilseeds. Contains diquat, the active ingredient in Reglone®.

FUNGICIDES



Propi Super 25 EC

Systemic fungicide that provides excellent early season disease protection and can be tank mixed with many different herbicides. Contains propiconazole, the active ingredient in Tilt®.



Sharda Fungtion SC

Systemic fungicide with two modes of action for many crops, controlling many diseases in cereals, corn, canola, and pulses, providing both curative and preventative properties. Contains azoxystrobin and propiconazole, the active ingredients in Quilt®.

FUNGICIDES CONT'D



Preach Fungicide

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains pyraclostrobin, the active ingredient in Headline®.



FBN Azoxy 250 SC

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains azoxystrobin, the active ingredient in Quadris®.

INSECTICIDES



FBN Deltamethrin 5 EC Insecticide

Insecticide that provides fast, effective control of a wide range of insects in many crops, including flea beetles, diamondback moths, bertha armyworms, and grasshoppers. Contains deltamethrin, the active ingredient in decis® 5 EC.

ADJUVANTS



Icon®

Non-ionic liquid wetting and spreading agent.



Falcon®

A surfactant that lowers water pH and reduces off-target drift.



ACCU-SPRAY®

Contains a surfactant and a drift control agent. Can replace Valid® or InterLock®. A great option with glufosinate ammonium or glyphosate.



Co-Pilot Non-Ionic Conditioning Agent

A surfactant that lowers the water pH. A great product to mix with your glyphosate and desiccant.



ESSENTIALS

HERBICIDES



Smoke® 540 Glyphosate

Non-selective, non-residual herbicide with a wide range of tank mix partners to control broadleaf and grassy weeds. Contains glyphosate, the active ingredient in Roundup® WeatherMAX®.



Maxunitech Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than glyphosate along with no re-cropping restrictions. Controls Group 2-, 4- and 9-resistant kochia and other resistant weeds as well as all types of volunteer canola, wild buckwheat, cleavers, and chickweed. Contains carfentrazone, the active ingredient in AIM®.



Elegant 10% EC Herbicide

Selective, post emergence herbicide for the control of annual and perennial grasses in many dicot crops such as canola, flax, soybeans, and pulses. Contains quizalofop, the active ingredient in Assure®.



FBN Clethodim 240®

Systemic post emergent herbicide for control of a broad range of grasses in many broadleaf crops. Contains clethodim, the active ingredient in Centurion®.



Cavort

Systemic post emergent herbicide providing both contact and residual control of many grass and broadleaf weeds in Clearfield lentils, while allowing for flexible re-cropping options. Contains imazamox, the active ingredient in Solo® WDG.

FUNGICIDES



Propi Super 25 EC

Systemic fungicide that provides excellent early season disease protection and can be tank mixed with many different herbicides. Contains propiconazole, the active ingredient in Tilt®.



Sharda Fungtion SC

Systemic fungicide with two modes of action for many crops, controlling many diseases in cereals, corn, canola, and pulses, providing both curative and preventative properties. Contains azoxystrobin and propiconazole, the active ingredients in Quilt®.

FUNGICIDES CONT'D



Preach Fungicide

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains pyraclostrobin, the active ingredient in Headline®.



FBN Azoxy 250 SC

Systemic fungicide providing broad spectrum disease control in many crops, and as a strobilurin fungicide, it provides a plant health effect. Contains azoxystrobin, the active ingredient in Quadris®.

INSECTICIDES



FBN Deltamethrin 5 EC Insecticide

Insecticide that provides fast, effective control of a wide range of insects in many crops, including flea beetles, diamondback moths, bertha armyworms, and grasshoppers. Contains deltamethrin, the active ingredient in decis® 5 EC.

ADJUVANTS



Icon®

Non-ionic liquid wetting and spreading agent.



Falcon®

A surfactant that lowers water pH and reduces off-target drift.



ACCU-SPRAY®

Contains a surfactant and a drift control agent. Can replace Valid® or InterLock®. A great option with glufosinate ammonium or glyphosate.



Co-Pilot Non-Ionic Conditioning Agent

A surfactant that lowers the water pH. A great product to mix with your glyphosate and desiccant.



CHEM PLANNING MADE SIMPLE

To learn more about our AcrePlan, or to talk to an FBN representative, call **587-874-7488** or visit **FBN.com/AcrePlan** today.

IMPROVING SPRAYING EFFICACY WITH SURFACTANTS

Using one of these surfactants in your crop formulation, mixed with other *FBN* offered products, is one of the most efficient ways to help improve production performance.

PRODUCT	DESCRIPTION	TANK MIX PARTNERS	COMMON USE RATES
Falcon®	<ul style="list-style-type: none"> Allows for less product when used as a surfactant Reduces drift and lowers solution pH for better penetration and droplet retention and spreading 	<i>FBN</i> Diquat 240 SN Elegant 10 EC Herbicide Smoke® 540 Glyphosate	<i>FBN</i> Diquat 240 SN – 0.1% V.V.
			Elegant 10 EC Herbicide – 0.1% V./V. – 0.25% V./V.
			Smoke® Glyphosate – 0.1% V./V. – 0.25% V./V.
Icon®	<ul style="list-style-type: none"> One of the most registered non-ionic surfactants compatible with many products 	Cavort Herbicide Draft® <i>FBN</i> Diquat 240 SN Smoke® 540 Glyphosate	Cavort Herbicide – 0.25% V./V.
			Draft® depending on the tankmix partner. Add Icon® at 0.25% V/V when required
			<i>FBN</i> Diquat 240 SN – 0.1% V./V.
			Smoke® 540 Glyphosate – depends on application rate – 0.25% V./V. – 0.5% V./V.
ACCU-SPRAY®	<ul style="list-style-type: none"> Provides drift control, is an anti-foamer and deposition aid 	<i>FBN</i> Glufosinate 150 SN Ammonium Smoke® 540 Glyphosate	250–400 ml/100L – 0.25% V./V. – 0.4% V./V.

Always Read and Follow Label Directions.



To learn more about our crop protection products, or to talk to an *FBN* representative, call **587-874-7488** or visit **FBN.com** today.

BETTER TOGETHER.

Some weeds and fungi can be quite stubborn.
Combining inputs can multiply your firepower and increase your productivity.

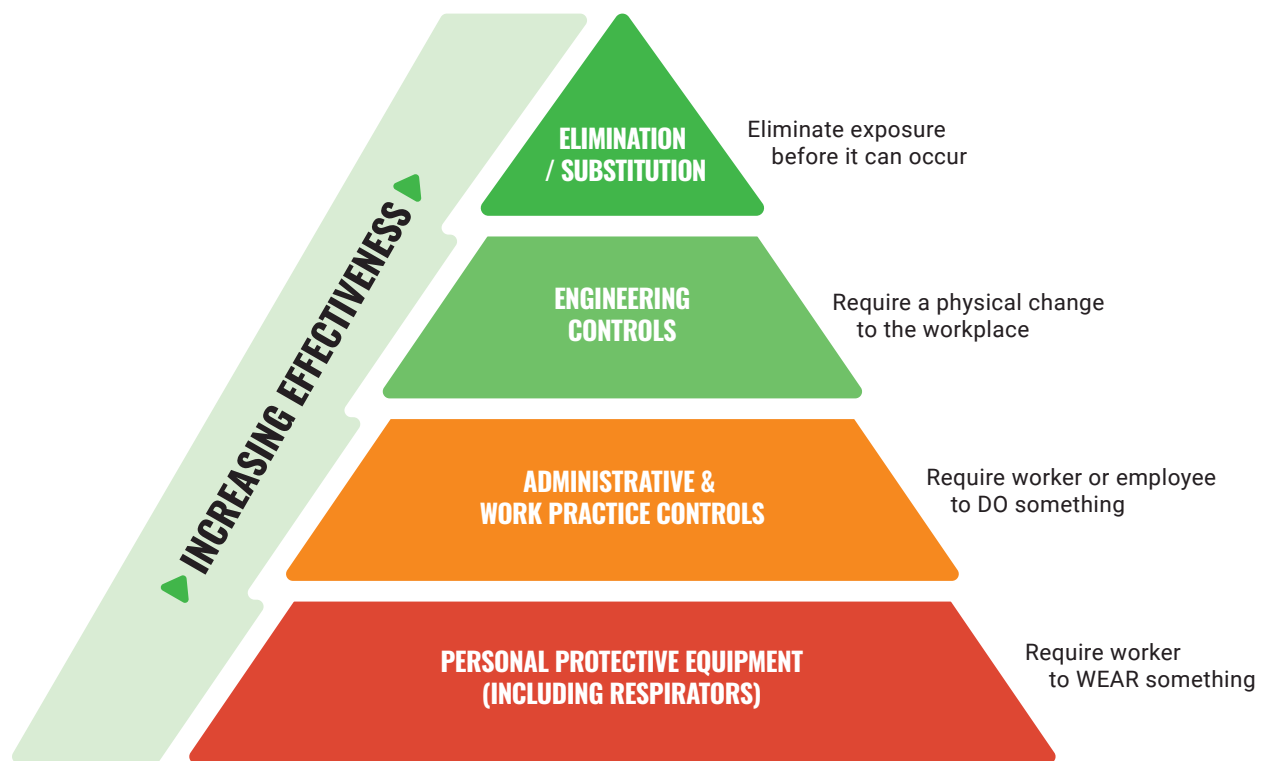
CROP	CORE PRODUCT	TANK MIX PARTNER	KEY WEEDS ADDRESSED
Canola	<i>FBN Glufosinate 150 SN</i>	<i>FBN Clethodim 240[®]</i> or <i>Elegant 10% EC</i>	Grasses
	<i>FBN Glufosinate 150 SN</i>	<i>FBN Quinclorac</i>	Cleavers
	<i>FBN Clethodim 240[®]</i>	<i>FBN Clopyralid 360 SL</i>	Canada Thistle, Sow Thistle, Dandelions, Grassy Weeds
Wheat	<i>FBN Clodinafop</i>	<i>FBN Fluroxypyr 180 EC,</i> <i>FBN Clopyralid 360 SL,</i> <i>FBN CapTTain™,</i> Bromoxynil/MCPA	Many Perennial Weeds
	<i>FBN Clodinafop</i>	<i>FBN Clopyralid 360 SL</i>	Canada Thistle, Sow Thistle, Dandelions
Peas	Benz Herbicide	Urea Ammonium Nitrate (UAN)	Enhanced Weed Control
	Benz Herbicide	Benta Super	Enhanced Weed Control
Lentils	Cavort Herbicide	<i>FBN Clethodim 240[®],</i> or <i>Elegant 10% Herbicide</i>	Enhanced Grass Control

CONTROLLING WORKPLACE HAZARDS

There are risks included with using herbicides and other chemicals. Applicators should always read the label which provides information on the proper application methods and other safety details.

Controlling exposures to chemical hazards and toxic substances is the fundamental method of protecting workers. A hierarchy of controls is used as a means of determining how to implement feasible and effective controls.

Engineering and work practice controls must be the primary way to reduce employee exposure to toxic chemicals. Respiratory protection is required to be used when engineering or work practice controls are infeasible or while they are being implemented.



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Where possible, elimination or substitution is the most desirable followed by engineering controls. Administrative or work practice controls may be appropriate in some cases where engineering controls cannot be implemented or when different procedures are needed after implementation of the new engineering controls. Personal protection equipment is the least desirable, but may still be effective.

TYPE OF CONTROL	EXAMPLES
Elimination/Substitution	Substitute with safer alternatives through a work plan, like the 7-Step Work plan: <ol style="list-style-type: none"> 1. Identify chemical 2. Set a reduction goal 3. Track achievements by date 4. List action steps 5. Develop timeline 6. Set metrics 7. Identify assessment tool used
Engineering Controls (implement physical change to the workplace which eliminates/reduces the hazard on the job/task)	<ul style="list-style-type: none"> • Change the process to minimize contact with hazardous chemicals. • Isolate or enclose the process. • Use of wet methods to reduce generation of dusts or other particulates. • General dilution ventilation.
Administrative and Work Practice Controls (establish efficient processes or procedures)	<ul style="list-style-type: none"> • Rotate job assignments. • Adjust work schedules so that workers are not overexposed to a hazardous chemical.
Personal Protective Equipment (use protection to reduce exposure to risk factors)	<ul style="list-style-type: none"> • Use chemical protective clothing. • Wear respiratory protection. [See the Respiratory Protection Safety and Health Topics page] • Use gloves. • Wear eye protection.

MIXING ORDER MATTERS

For herbicide applications mixed with water, remember the WAMLEGS acronym regarding mixing order. Begin by filling the spray tank with about half of the water required for the total spray job, and begin agitation.

W Wettable powders, flowables.

A Agitate, anti-foaming, buffering agents.

M Microcapsule suspension.

L Liquids and solubles.

E Emulsifiable concentrate.

G Glyphosate.

S Surfactant.

Finally, add water to the required levels and continue agitation so that the tank mix is ready for spraying. ***Always remember to read and follow label instructions.***



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FBN puts **you** in control.

From herbicides to fungicides, *FBN* has your crop protection covered. Access free tools, plus financing and crop marketing, all within the *FBN* app. Control is right at your fingertips. Discover farming—the way it should be.



TAKE CONTROL FBN.COM

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