



2025

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 navigate a highly unpredictable world, where even the hardest work doesn't guarantee success. That's why *FBN*[®] is dedicated to empowering our farmer members, giving them more control in every decision that impacts 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 **844-200-FARM** or visit **fbn.com** today.



HERBICIDE



INSECTICIDE



FUNGICIDE



ADJUVANT



CROP NUTRITION

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.



FBN CROP PROTECTION POST-PATENT ALTERNATIVES

Visit fbn.com for product availability

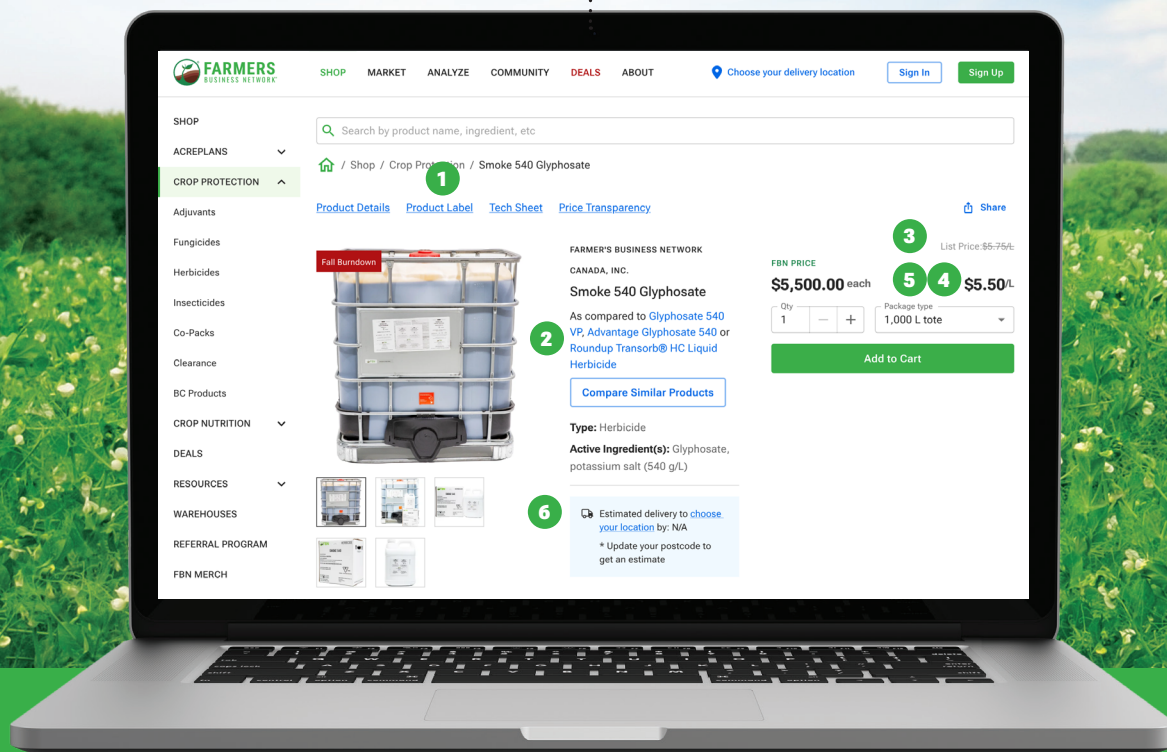


BRAND NAME	COMMON ACTIVE INGREDIENT	FBN PRODUCT
Herbicide		
2,4-D Ester 700	2,4-D, 2-ethylhexyl ester (660.00)	FBN 2,4-D Ester 700 EC
AIM®	Carfentrazone-ethyl (240.00)	Maxunitech® Carfentrazone-ethyl 240EC Herbicide
Assure®	Quizalofop-p-ethyl (96.00)	Elegant™ 10 EC Herbicide
Authority® 480	Sulfentrazone (480.00)	Maxunitech® Sulfentrazone
Axial®	Pinoxaden (100.00), Hasten® NT Ultra Spray Adjuvant	Maxunitech® Pinoxaden 100 EC
Banvel®	Dicamba (480.00)	Disha 480™ Herbicide
Basagran® Forte	Bentazon (480.00)	Benta Super™
BlackHawk®	Carfentrazone-ethyl (240.00) + 2,4-D, 2-ethylhexyl ester (660.00)	FBN BlackTail™ Herbicide
Bromotril® II 240 EC	Bromoxynil octanoate (240.00)	FBN Bromoxynil 240 EC
Buctril® M	Bromoxynil octanoate (240.00) + MCPA, 2-ethylhexyl ester (600.00)	FBN Buckwild™ M Co-Pack
Centurion®	Clethodim (240.00)	FBN Clethodim 240
Conquer®	Carfentrazone-ethyl (240) + Bromoxynil octanoate (240.00)	FBN Retreat™ Co-Pack
Enforcer® D	2,4-D, 2-ethylhexyl ester (660.00) + Fluroxypyr, 1-methylheptyl ester (180.00) + Bromoxynil octanoate (240.00)	FBN Parameter™ D Co-Pack
Enforcer® M	MCPA, 2-ethylhexyl ester (600.00) + Fluroxypyr, 1-methylheptyl ester (180.00) + Bromoxynil octanoate (240.00)	FBN Parameter™ M Co-Pack
Express®	Tribenuron-methyl (75.00%)	Tribe 75 WDG™
Florasulam	Florasulam (50.00)	FBN Florasulam 50 SC
Horizon® NG	Clodinafop-propargyl (240.00)	FBN Clodinafop
Liberty®	Glufosinate-ammonium (150.00)	FBN Glufosinate 150
Lontrel® 360	Clopyralid, monoethanolamine salt (360.00)	Advantage® Clopyralid 360 SL
MCPA Ester 600	MCPA, 2-ethylhexyl ester (600.00)	FBN MCPA Ester 600 EC
OcTain® XL	2,4-D, 2-ethylhexyl ester (660.00) + Fluroxypyr, 1-methylheptyl ester (180.00)	FBN CapTain™ Co-Pack
Prestige®	Fluroxypyr 1-methylheptyl ester (180.00) + Clopyralid, monoethanolamine salt (300.00) + MCPA, 2-ethylhexyl ester (600.00)	FBN Aristocrat™ Co-Pack
Refine®	Thifensulfuron (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
Starane® II	Fluroxypyr 1-methylheptyl ester (180.00)	FBN Fluroxypyr 180 EC
Stellar® XL	MCPA, 2-ethylhexyl ester (600.00) + Fluroxypyr 1-methylheptyl ester (180.00) + Florasulam (50.00)	FBN Sterling™ Co-Pack
Viper® ADV	Bentazon (429.00) + Imazamox (20.00)	Benz™
Fungicide		
Folicur®	Tebuconazole (250.00)	FBN Tebuconazole 250
Headline®	Pyraclostrobin (250.00)	Preach™ Fungicide
Maxentis®	Azoxystrobin (250.00) + Prothioconazole (480.00)	FBN Supercharged™ Co-Pack
Proline®	Prothioconazole (480.00)	FBN Prothio 480 EC
Prosaro®	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 Fungtion® SC
Tilt®	Propiconazole (250.00)	Propi Super® 25 EC
Insecticide		
Decis®	Deltamethrin (50.00)	FBN Deltamethrin 5 EC Insecticide
Adjuvant		
LI 700®	Surfactant	Falcon®
Valid®/InterLock®	Surfactant	Accu-Spray®
Nutrition		
Macro + Micronutrient Blend	Nitrogen (0.03 g/L) + Phosphate (0.15 g/L) + Potash (0.15 g/L) + Magnesium (0.001 g/L)	Afterburner 3-15-15 + Mg
Macro + Micronutrient blend	Nitrogen (1 g/L) + Phosphate (1 g/L) + Potash (1 g/L) + Zinc (1 g/L)	Corn Pop Up 6-22-2
Micronutrient blend	Boron (0.002 g/L) + Calcium (0.07 g/L) + Silica (0.02 g/L)	Blossom SP
Micronutrient	Boron (1 g/L)	Pro Boron 10% CAN
Micronutrient	Copper sulfate pentahydrate (5 g/L)	Copper 5%
Micronutrient	Zinc (8 g/L)	Pro Zinc 8%
Water Conditioner		
Water conditioner	Water Conditioner with pH adjusting properties	Co-Pilot Water 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 labeled product suggestions based on the products you add to your cart.

- 1 **PRODUCT LABEL**
- 2 **COMPARISON PRODUCTS**
- 3 **TRANSPARENT LIST PRICES**
- 4 **CALCULATE COST PER LITER**
- 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, prices, and promotions in this booklet are subject to change at any time and without notice. Terms and conditions apply.

0% INPUT FINANCING PROGRAM

PROGRAM SUMMARY

We make it simple, with no product requirements, no prepayment penalties and no setup or standby fees for the standard financing program. Take advantage of opportunities to purchase with 0% interest until December 11, 2024.

INTEREST RATE	REQUIREMENTS	PURCHASE TIMING
0%	Any financed purchase of crop protection, adjuvant or crop nutrition products	Oct 1, 2024 — Dec 11, 2024

FARM CREDIT CANADA (FCC)

Promotional Rate Expiration: The promotional interest rate of 0% is available on qualifying orders until May 31, 2025. Effective June 1, 2025 the interest rate will convert to Prime* + 2.95% until March 15, 2026.

Payment Due Date: March 15, 2026

Qualifying Locations: Input financing is available to *FBN* members from FCC in Alberta, British Columbia, Manitoba, Ontario and Saskatchewan

Qualifying Products: From *FBN*: crop protection, adjuvants and crop nutrition products

General Requirements: Must be a member of *FBN*. Must complete a credit application and be approved by *FBN* and our lending partner FCC. Customer must be credit qualified by FCC and all loan documents must be fully executed. Promotional rate expires May 31, 2025

Fulfillment: Customers will select "Input Financing" at checkout on the *FBN* store

SCOTIABANK® YIELD MORE FINANCING™

Promotional Rate Expiration: The promotional interest rate of 0% is available on qualifying orders until May 31, 2025. Effective June 1, 2025 the interest rate will convert to Prime* until September 30, 2025. Effective October 1, 2025 the interest rate for loans with a principal amount of \$200,000 or greater will convert to Prime* + 1.95% until February 28, 2026. Effective October 1, 2025 the interest rate for loans with a principal amount of less than \$200,000 will convert to Prime* + 2.95% until February 28, 2026.

Payment Due Date: February 28, 2026

Qualifying Locations: Input financing is available to *FBN* members from Scotiabank® Yield More Financing™ in Alberta, British Columbia, Manitoba, Ontario and Saskatchewan

Qualifying Products: From *FBN*: crop protection, adjuvants and crop nutrition products

General Requirements: Must be a member of *FBN*. Must complete a credit application and be approved by *FBN* and our lending partner Scotiabank® Yield More Financing™ Customer must be credit qualified by FCC and all loan documents must be fully executed. 0% promotional rate expires May 31, 2025. Promotional rate expires September 30, 2025. Payment due February 28, 2026

Fulfillment: Customers will select "Input Financing" at checkout on the *FBN* store

DISCOVER DIRECT-TO-FARM DELIVERY ON YOUR TERMS



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

For Western Canada, orders placed through February 27, 2025 and for Eastern Canada, through February 21, 2025, will be consolidated to ship during the designated delivery window for your agronomic region.

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 places 97% of growing acreage within a 400-km radius of *FBN*'s locations/network/warehouses, *FBN* gives Canadian farmers the competitive advantages they need to succeed.



FBN® Fleet Vehicles | 9
FBN® Logistic Centers | 8

CANADA LOGISTICS NETWORK



- AIRDRIE, AB
- BRANDON, MB
- EDMONTON, AB
- GRANDE PRAIRIE, AB
- LANGLEY, BC
- SASKATOON, SK
- TILSONBURG, ON
- YORKTON, SK



To learn more about our crop protection products, or to talk to an FBN representative, call **844-200-FARM** or visit **fbn.com** today.

***FBN* ACREPLAN: PLAN, PRICE AND PURCHASE**



ACREPLAN™ MAKES CHEMICAL PLANNING SIMPLE.

AcrePlan™ is the only digital chem planning and purchasing tool in agriculture. With a just a few clicks, you can complete your chem program and shop online. **It's fast, simple, and easy.**

- 1 SELECT YOUR CROP AND ACRES:** Start by selecting the crop you want to build a program for and the number of acres.
- 2 IDENTIFY YOUR APPLICATION TIMINGS:** Build a tank mix for fall, spring, or in season applications for your crop.
- 3 FINALIZE YOUR MIX:** Walk through each step to select effective products for every pass across the field.



Visit fbn.com/acreplan today. Plan, price and purchase.



WHEAT

HERBICIDES



Benta Super™

An in-crop option to help with controlling Volunteer Canola in Peas and Soybeans, especially for escapes after spraying the first application. Contains Bentazon, the active ingredient in Basagran® Forte.



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 in many crops. 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 with both grass and broadleaf herbicides. Contains Thiensulfuron-methyl and Tribenuron-methyl, the active ingredients in Refine®.



FBN Aristocrat™ Co-Pack

An outstanding solution to control Thistles, Dandelions and Kochia. Contains Fluroxypyr, Clopyralid, and MCPA, the active ingredients in Prestige®.



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 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 Narrow-Leaved Hawk's Beard. Can be fall applied providing excellent weed control, and a cleaner start next spring. Combines 3 Herbicide Groups when tank mixed with Smoke® 540, helping manage herbicide resistance. Contains Carfentrazone and 2,4-D Ester, the active ingredients in BlackHawk®.



FBN Bromoxynil 240 EC

A great option to control Kochia in-crop and can also be used as a pre-seed herbicide ahead of many crops. Contains Bromoxynil, the active ingredient in Bromotril® II 240 EC.



FBN Buckwild™ M Co-Pack

A wide-spectrum broadleaf product that can be tank mixed. Contains Bromoxynil and MCPA, the active ingredients in Buctril® M.



FBN CapTTain™ Co-Pack

A broadleaf herbicide that includes Fluroxypyr and 2,4-D Ester. A great option to control Kochia, Cleavers, Stork's Bill, Hemp-Nettle, Lamb's Quarters, and Volunteer Canola. Contains 2,4-D Ester and Fluroxypyr, the active ingredients in OcTTain® XL.



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 Wheat and Durum Wheat. Contains Clodinafop-propargyl, the active ingredient in Horizon® NG.



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 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, Durum Wheat, Spring Barley, and Oats (tank mixes only) not underseeded with Legumes. Contains Florasulam, the active ingredient in PrePass® Flex.



FBN Fluroxypyr 180

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 Hempnettle, wild Buckwheat and Chickweed.



FBN Fluroxypyr 180 EC

A strong wide-spectrum broadleaf product for in-crop applications in Cereal crops. Contains Fluroxypyr, the active ingredient in Starane® II.



FBN Maxunitech® Pinoxaden 100 EC

A powerful option to control Wild Oats in Cereal crops. Contains Pinoxaden, the active ingredient in Axial®, and Hasten® NT Ultra Spray Adjuvant.



FBN MCPA Ester 600 EC

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



FBN Parameter™ D Co-Pack

A superior in-crop herbicide to control Kochia as well as many other difficult weeds. Contains 2,4-D Ester, Fluroxypyr, and Bromoxynil, the active ingredients in Enforcer® D.



FBN Parameter™ M Co-Pack

An excellent in-crop herbicide to control broadleaf weeds such as Kochia and Buckwheat. Contains MCPA Ester, Fluroxypyr, and Bromoxynil, the active ingredients in Enforcer® M.



FBN Pinox XTREME™ M Co-Pack

A great all-in-one package to control a wide spectrum of weeds. Contains Pinoxaden, Fluroxypyr, MCPA, and Hasten® NT Ultra Spray Adjuvant.



FBN Sterling™ Co-Pack

An excellent broadleaf herbicide option to control Kochia, Cleavers, Hemp-Nettle, Chickweed, Lamb's Quarters and Volunteer Canola. Contains Florasulam, Fluroxypyr, and MCPA, the active ingredients in Stellar® XL.



WHEAT



Maxunite® Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than Glyphosate along with no recropping restrictions and 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®.



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®.



Tribe 75 WDG™

Controls a wide variety of broadleaf weeds including Pigweed, Canada Thistle, Russian Thistle, Stinkweed, and Lamb's Quarters in Barley, Spring Wheat, and Durum Wheat. Contains Tribenuron-methyl, the active ingredient in Express®.

FUNGICIDES



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.



FBN Supercharged™ Co-Pack

A great option to control Anthracnose in Lentils, Ascochyta in Peas, Blackleg in Canola and early leaf disease in Cereals. Contains Azoxystrobin, and Prothioconazole, the active ingredients in Maxentis®.



FBN Tebuconazole 250

Systemic fungicide with a wide application window, providing great control of most leaf diseases in Cereals and providing some FHB protection. Contains Tebuconazole, the active ingredient in Folicur®.



Preach™ Fungicide

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Pyraclostrobin, the active ingredient in Headline®.



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®.

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.

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®.

ADJUVANTS



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.



Falcon®

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



MSO® Spray Adjuvant

Highly concentrated modified vegetable oil adjuvant that enhances wetting and spreading of the active ingredient on the target surface.



Sentry®

Sentry® is a non-ionic liquid wetting and spreading agent made up of a very high amount of active ingredient (Nonylphenoxy Polyethoxy Ethanol).



CANOLA

HERBICIDES



Elegant™ 10 EC Herbicide

Selective, post-emergent herbicide for the control of annual and perennial grasses in many dicot crops, such as Canola, Flax, Soybeans, and Pulses. Contains Quizalofop P-Ethyl, the active ingredient in Assure®



FBN Bromoxynil 240 EC

A great option to control Kochia in-crop and can also be used as a pre-seed herbicide ahead of many crops. Contains Bromoxynil, the active ingredient in Bromotril® II 240 EC.



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®



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 Diquat 240 SN

Desiccant for Pulses and Oilseeds. Contains Diquat, the active ingredient in Reglone®



FBN Glufosinate 150 SN

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



FBN Retreat™ Co-Pack

A strong pre-seed burnoff to control a wide spectrum of weeds while keeping crop options open for seeding. Contains Carfentazone and Bromoxynil, the active ingredients in Conquer®



Maxunitech® Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than Glyphosate along with no recropping restrictions and 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®



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®

FUNGICIDES



FBN Azoxy 250 SC

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also 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®



FBN Supercharged™ Co-Pack

A great option to control Anthracnose in Lentils, Ascochyta in Peas, Blackleg in Canola and early leaf disease in Cereals. Contains Azoxystrobin, and Prothioconazole, the active ingredients in Maxentis®



Preach™ Fungicide

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Pyraclostrobin, the active ingredient in Headline®



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®

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®

ADJUVANTS



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.



Falcon®

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



MSO® Spray Adjuvant

Highly concentrated modified vegetable oil adjuvant that enhances wetting and spreading of the active ingredient on the target surface.



Sentry®

Sentry® is a non-ionic liquid wetting and spreading agent made up of a very high amount of active ingredient (Nonylphenoxy Polyethoxy Ethanol).

HERBICIDES



Benta Super™

An in-crop option to help with controlling Volunteer Canola in Peas and Soybeans, especially for escapes after spraying the first application. Contains Bentazon, the active ingredient in Basagran® Forte.



Benz™

Systemic post-emergent herbicide that combines 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-emergent treatment may be absorbed through both the roots and foliage. Contains Bentazon and Imazamox, the active ingredients in Viper® ADV.



Elegant™ 10 EC Herbicide

Selective, post-emergent herbicide for the control of annual and perennial grasses in many dicot crops, such as Canola, Flax, Soybeans, and Pulses. Contains Quizalofop P-Ethyl, 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®.



FBN Diquat 240 SN

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



Maxunitech® Carfentrazone-ethyl 240EC Herbicide

Delivers quicker burndown than Glyphosate along with no recropping restrictions and 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®.



Maxunitech® Sulfentrazone 480

Selective pre-seed herbicide that provides a soil residual for longer weed control. Also very effective on Kochia. Contains Sulfentrazone, the active ingredient in Authority® 480.



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®.

FUNGICIDES



FBN Azoxy 250 SC

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Azoxystrobin, the active ingredient in Quadris®.



FBN Supercharged™ Co-Pack

A great option to control Anthracnose in Lentils, Ascochyta in Peas, Blackleg in Canola and early leaf disease in Cereals. Contains Azoxystrobin, and Prothioconazole, the active ingredients in Maxentis®.



Preach™ Fungicide

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Pyraclostrobin, the active ingredient in Headline®.



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®.

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®.

ADJUVANTS



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.



Falcon®

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



MSO® Spray Adjuvant

Highly concentrated modified vegetable oil adjuvant that enhances wetting and spreading of the active ingredient on the target surface.



Sentry®

Sentry® is a non-ionic liquid wetting and spreading agent made up of a very high amount of active ingredient (Nonylphenoxy Polyethoxy Ethanol).



PEAS



BARLEY

HERBICIDES



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



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 Aristocrat™ Co-Pack
An outstanding solution to control Thistles, Dandelions and Kochia. Contains Fluroxypyr, Clopyralid, and MCPA, the active ingredients in Prestige®.



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 Narrow-Leaved Hawk's Beard. Can be fall applied providing excellent weed control, and a cleaner start next spring. Combines 3 Herbicide Groups when tank mixed with Smoke® 540, helping manage herbicide resistance. Contains Carfentrazone and 2,4-D Ester, the active ingredients in BlackHawk®.



FBN Bromoxynil 240 EC
A great option to control Kochia in-crop and can also be used as a pre-seed herbicide ahead of many crops. Contains Bromoxynil, the active ingredient in Bromotril® II 240 EC.



FBN Buckwild™ M Co-Pack
A wide-spectrum broadleaf product that can be tank mixed. Contains Bromoxynil and MCPA, the active ingredients in Bucril® M.



FBN CapTTain™ Co-Pack
A broadleaf herbicide that includes Fluroxypyr and 2,4 D Ester. A great option to control Kochia, Cleavers, Stork's Bill, Hemp-Nettle, Lamb's Quarters, and Volunteer Canola. Contains 2,4-D Ester and Fluroxypyr, the active ingredients in OcTTain® XL.



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 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, Durum Wheat, Spring Barley, and Oats (tank mixes only) not underseeded with Legumes. Contains Florasulam, the active ingredient in PrePass® Flex.



FBN Fluroxypyr 180 EC
A strong wide-spectrum broadleaf product for in-crop applications in Cereal crops. Contains Fluroxypyr, the active ingredient in Starane® II.



FBN MCPA Ester 600 EC
Systemic post-emergent herbicide for the control of many broadleaf weeds in Cereal crops.



FBN Parameter™ D Co-Pack
A superior in-crop herbicide to control Kochia as well as many other difficult weeds. Contains 2,4-D Ester, Fluroxypyr, and Bromoxynil, the active ingredients in Enforcer® D.



FBN Parameter™ M Co-Pack
An excellent in-crop herbicide to control broadleaf weeds such as Kochia and Buckwheat. Contains MCPA Ester, Fluroxypyr, and Bromoxynil, the active ingredients in Enforcer® M.



FBN Pinox XTREME™ M Co-Pack
A great all-in-one package to control a wide spectrum of weeds. Contains Pinoxaden, Fluroxypyr, MCPA, and Hasten® NT Ultra Spray Adjuvant.



FBN Sterling™ Co-Pack
An excellent broadleaf herbicide option to control Kochia, Cleavers, Hemp-Nettle, Chickweed, Lamb's Quarters and Volunteer Canola. Contains Florasulam, Fluroxypyr, and MCPA, the active ingredients in Stellar® XL.



Maxunitech® Carfentrazone-ethyl 240EC Herbicide
Delivers quicker burndown than Glyphosate along with no recropping restrictions and 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®.



Maxunitech® Pinoxaden 100 EC
A powerful option to control Wild Oats in Cereal crops. Contains Pinoxaden, the active ingredient in Axial®, and Hasten® NT Ultra Spray Adjuvant.



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®.



Tribe 75 WDG™
Controls a wide variety of broadleaf weeds including Pigweed, Canada Thistle, Russian Thistle, Stinkweed, and Lamb's Quarters in Barley, Spring Wheat, and Durum Wheat. Contains Tribenuron-methyl, the active ingredient in Express®.



FUNGICIDES



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.



FBN Supercharged™ Co-Pack

A great option to control Anthracnose in Lentils, Ascochyta in Peas, Blackleg in Canola and early leaf disease in Cereals. Contains Azoxystrobin, and Prothioconazole, the active ingredients in Maxentis®.



FBN Tebuconazole 250

Systemic fungicide with a wide application window, providing great control of most leaf diseases in Cereals and providing some FHB protection. Contains Tebuconazole, the active ingredient in Folicur®.



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.



Preach™ Fungicide

Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Pyraclostrobin, the active ingredient in Headline®.



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®.

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®.

ADJUVANTS



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.



Falcon®

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



MSO® Spray Adjuvant

Highly concentrated modified vegetable oil adjuvant that enhances wetting and spreading of the active ingredient on the target surface.



Sentry®

Sentry® is a non-ionic liquid wetting and spreading agent made up of a very high amount of active ingredient (Nonylphenoxy Polyethoxy Ethanol).

BARLEY



LENTILS

HERBICIDES



Cavort™
Systemic post-emergent herbicide providing both contact and residual control of many grass and broadleaf weeds in Clearfield® Lentils, while providing flexible recropping options. Contains Imazamox, the active ingredient in Solo® WDG.



Elegant™ 10 EC Herbicide
Selective, post-emergent herbicide for the control of annual and perennial grasses in many dicot crops, such as Canola, Flax, Soybeans, and Pulses. Contains Quizalofop P-Ethyl, 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®.



Maxunitech® Carfentrazone-ethyl 240EC Herbicide
Delivers quicker burndown than Glyphosate along with no recropping restrictions and 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®.



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®.

FUNGICIDES



FBN Azoxy 250 SC
Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Azoxystrobin, the active ingredient in Quadris®.



FBN Supercharged™ Co-Pack
A great option to control Anthracnose in Lentils, Ascochyta in Peas, Blackleg in Canola and early leaf disease in Cereals. Contains Azoxystrobin, and Prothioconazole, the active ingredients in Maxentis®.



Preach™ Fungicide
Systemic fungicide providing broad-spectrum disease control in many crops. As a Strobilurin fungicide, it also provides a plant health effect. Contains Pyraclostrobin, the active ingredient in Headline®.



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®.

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®.

ADJUVANTS



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.



Falcon®
A non-ionic surfactant that lowers water pH and reduces off-target drift.



MSO® Spray Adjuvant
Highly concentrated modified vegetable oil adjuvant that enhances wetting and spreading of the active ingredient on the target surface.



Sentry®
Sentry® is a non-ionic liquid wetting and spreading agent made up of a very high amount of active ingredient (Nonylphenoxy Polyethoxy Ethanol).



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Chem Planning Made Simple

To learn more about our AcrePlan, or to talk to an FBN representative, call 844-200-FARM 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®	Allows for less product when used as a surfactant Reduces drift and lowers solution pH for better penetration and droplet retention and spreading	FBN Diquat 240 SN Elegant™ 10 EC Herbicide Smoke® 540 Glyphosate	FBN Diquat 240 SN 0.1% V.V.
			Elegant™ 10 EC Herbicide 0.25 – 0.5% V./V.
			Smoke® Glyphosate 0.25 – 0.5% V./V.
Accu-Spray®	Provides Drift control, Antifoamer and a Deposition Aid	FBN Glufosinate 150 SN Ammonium Smoke® 540 Glyphosate	FBN Glufosinate 150 SN Ammonium 250–400 ml/100L
			Smoke® 540 Glyphosate 0.25%–0.4% V./V.



To learn more about our crop protection products, or to talk to an *FBN* representative, call **844-200-FARM** or visit **fbn.com** today.

BETTER TOGETHER.

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

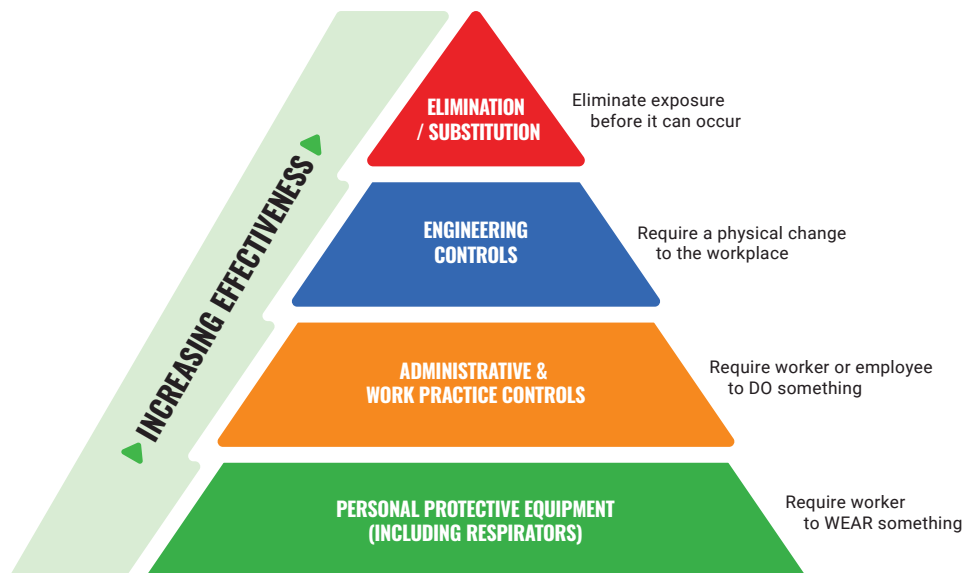
CROP	CORE PRODUCT	TANK MIX PARTNER	KEY WEEDS ADDRESSED
Canola	<i>FBN</i> Glufosinate 150 SN	<i>FBN</i> Clethodim 240 or <i>Elegant™</i> 10 EC	Grasses
	<i>FBN</i> Glufosinate 150 SN	<i>FBN</i> Quinclorac	Cleavers
	<i>FBN</i> Clethodim 240	<i>FBN</i> Clopyralid 360 SL	Canada Thistle, Sow Thistle, Dandelions, Grassy Weeds
Wheat	<i>FBN</i> Clodinafop	<i>FBN</i> Fluroxypyr 180 EC <i>FBN</i> Clopyralid 360 SL <i>FBN</i> CapTTain™ <i>FBN</i> Buckwild™ M	Many Perennial Weeds
	<i>FBN</i> Clodinafop	<i>FBN</i> Clopyralid 360 SL	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</i> Clethodim 240 or <i>Elegant™</i> 10 EC	Enhanced Weed 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.



To learn more about our crop protection products, or to talk to an FBN representative, call **844-200-FARM** or visit **fbn.com** today.

TYPE OF CONTROL	EXAMPLES
<p>Elimination/Substitution</p>	<p>Substitute with safer alternatives through a work plan, like the 7-Step Work plan:</p> <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
<p>Engineering Controls</p> <p>Implement physical change to the workplace which eliminates/reduces the hazard on the job/task</p>	<ul style="list-style-type: none"> • Change 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
<p>Administrative and Work Practice Controls</p> <p>Establish efficient processes or procedures</p>	<ul style="list-style-type: none"> • Rotate job assignments. • Adjust work schedules so that workers are not overexposed to a hazardous chemical.
<p>Personal Protective Equipment</p> <p>Use protection to reduce exposure to risk factors</p>	<ul style="list-style-type: none"> • Use chemical protective clothing • Wear respiratory protection • Use gloves • Wear eye protection

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.

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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FARM NOTES

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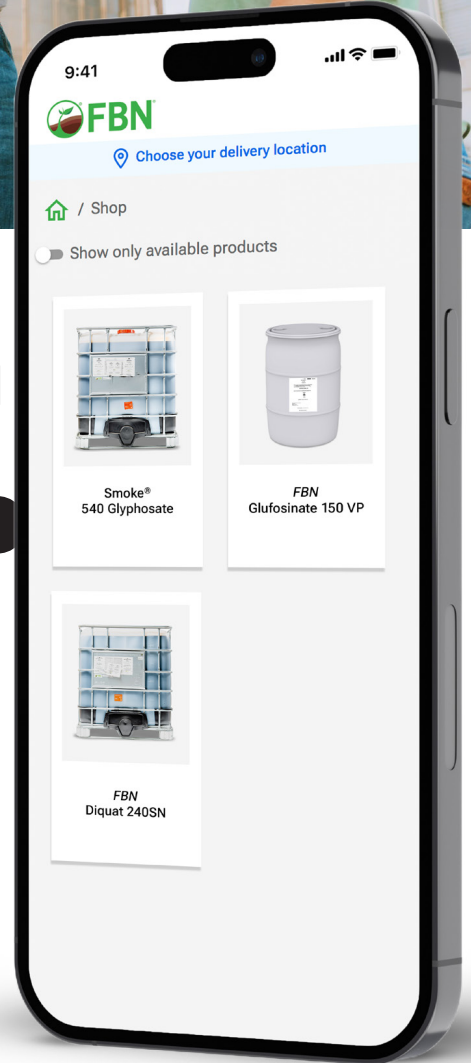
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