

Enforcer[®] MSU

Herbicide Tank Mix

- **Enforcer[®] M Herbicide (PCP No 30691)**
- **Nufarm Boost[®] Herbicide (PCP No 30377)**



Nufarm

Grow a better tomorrow.

[Sleeve]

GROUP

4

6

HERBICIDES

ENFORCER M HERBICIDE

Emulsifiable Concentrate

For use as a selective postemergent control of annual and perennial broadleaf weeds in wheat, barley and canary seed.

AGRICULTURAL

READ THE LABEL & BOOKLET BEFORE USING



WARNING

POISON

**POTENTIAL SKIN SENSITIZER
EYE & SKIN IRRITANT**

KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO.: 30691 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENTS:

Fluroxypyr, present as 1-methylheptyl ester... 80 g a.e. /L

Bromoxynil, present as octanoate ester ... 200 g/L

MCPA, present as 2-ethylhexyl ester ... 200 g a.e. /L

Nufarm Agriculture Inc.
5101, 333 - 96th Ave NE
Calgary, Alberta T3K 0S3
1-800-868-5444

Net Contents: (1 – Bulk) Litres

24 Hour Emergency Response Number 1-800-424-9300

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

HARMFUL OR FATAL IF SWALLOWED.

May irritate eyes. Avoid contact with eyes. Causes skin irritation. DO NOT get on skin. Wash concentrate from skin or eyes immediately.

DO NOT APPLY USING AERIAL APPLICATION EQUIPMENT

Avoid breathing spray mist. After use wash hands and other exposed skin.

Avoid contamination of ponds, streams, rivers and other water sources.

Avoid spray drift onto crops other than those recommended.

Store the container tightly closed away from seeds, feeds, fertilizer, plant and foodstuffs.

DO not use in residential areas. Residential areas are defined as any use site where bystanders, including children, could be exposed during or after application. This includes homes, schools, parks, playgrounds, playing fields, public buildings, or any other area where the general public, including children, could be exposed.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PROTECTIVE CLOTHING AND EQUIPMENT:

During mixing, loading, clean-up and repair, workers must wear coveralls over a long-sleeved shirt, long pants, eye protection (face shield or safety glasses), chemical resistant gloves and shoes plus socks. Rinse gloves before removal. During application, workers must wear a long-sleeved shirt, long pants, chemical resistant gloves, and shoes plus socks. Gloves are not required during application within a closed cab.

After using this product, remove clothing and launder separately and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry. Wear freshly laundered clothing and clean protective equipment daily.

Only handlers wearing personal protective equipment may be in the area being treated during application.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL PRECAUTIONS:

This product contains active ingredients and aromatic petroleum distillates which are toxic to aquatic organisms.

TOXIC to non-target terrestrial plants and aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

This product will harm other broadleaved plants in the vicinity of the treatment area. Do not directly spray or allow the spray to drift onto ornamentals or gardens.

LEACHING

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

FIRST AID:

If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Contains petroleum distillates - vomiting may cause aspiration pneumonia. High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low-blood pressure and unconsciousness. Treat symptomatically.

STORAGE CONDITIONS:

To prevent contamination, store this product away from food or feed. Store in original containers in a secure, dry, heated storage. If product is frozen, bring to room temperature and agitate before use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

DISPOSAL:

For Recyclable Containers:

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed or at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is not container collection site in your area, dispose of the container in accordance with provincial requirements.

For Returnable Containers:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For Returnable-Refillable Containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

EMERGENCY TELEPHONE NUMBERS:

For spills or transportation accidents, Chemtrec, 1-800-424-9300.

For health or environmental emergencies, ProPharma Group, 1-877-325-1840.

For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

19-2762

[Booklet]

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NOTICE TO USER:

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GENERAL INFORMATION:

Enforcer M Herbicide provides selective post-emergence control of annual and perennial broadleaf weeds in wheat (spring, durum and winter), barley and canary seed.

DIRECTIONS FOR USE:

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply using aerial application equipment.

Rotational Crop Restrictions: Field previously treated with Enforcer M Herbicide can be seeded the following year to barley, canola, flax, forage grasses, lentils, mustard, oats, peas, rye and wheat or fields can be summerfallowed.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, Enforcer M Herbicide is a Group 4 and 6 herbicide. Any weed population may contain or develop plants naturally resistant to Enforcer M Herbicide and other Group 4 and 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Enforcer M Herbicide or other Group 4 and 6 herbicides growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information and to report suspected resistance, contact Nufarm Agriculture Inc. company representatives at 1-800-868-5444 or at www.nufarm.ca

PRODUCT SPECIFIC PRECAUTIONS:

Read and understand the entire label before opening this product. If you have questions, call the manufacturer or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

GROUND SPRAYER:

Wash the tank and clean all filters, screens and tips. Select nozzle tips to apply the recommended volume per hectare. Flood jet type tips are not recommended. Adjust boom height to ensure uniform coverage of the weeds. Ensure that all tips are in good condition and spraying the same volume.

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Boom height must be 60 cm or less above the crop or ground.

BUFFER ZONES:

Spot treatments using hand-held equipment DO NOT require a buffer zone. The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat, barley and canary seed	1	1	1	1	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

USE PRECAUTIONS:

Avoid spray drift unto any desirable vegetation NOT listed on this label as damage may occur. Avoid contamination of ponds, streams, rivers, lakes and other water sources. Do not spray during periods of high winds when spray is likely to drift. Coarse sprays are less likely to drift. Do not spray during periods of high temperatures when crops may be under stress or damage to the crop may occur.

MIXING:

Half fill the tank with clean water. Add the required amount of Enforcer M Herbicide and agitate thoroughly. Add any tankmix partners. Fill the tank and agitate again before use.

CROPS

- **WHEAT (spring, durum and winter)**
- **BARLEY**
- **CANARY SEED**

APPLICATION RATE: 0.625– 1.25 L/ha

Do not apply more than one treatment per year.

APPLICATION RESTRICTIONS:

- Do not use treated crops for grazing livestock or green feed until 30 days after application.
- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.
- Do not harvest the treated crop within 60 days after application.

SPRAY VOLUME AND PRESSURE: For ground application, apply in 50 to 100 L of water per hectare at a pressure of 275 kPa. For best results when there is a heavy crop canopy, or when the majority of the weeds are at advanced stage of growth, a volume rate of 100 L/ha is recommended.

TIMING: Wheat (spring, durum and winter) and barley may be treated from the 2-leaf stage until the early flag leaf stage. Canary seed may be treated from the 3 to 5 leaf stage. Application before the 2-leaf stage may injure the crop. Winter wheat; apply in the spring at full tillering to the shot blade stage. Do not apply to winter wheat in the fall, or when the crop is in the flag leaf stage.

Apply in good growing conditions. Application must be made before the crop shields the weeds. Only weeds that have emerged at the time application will be controlled. Apply when weeds are in the seedling stage (up to 6 leaf stage) and actively growing.

WEEDS CONTROLLED:**Section 1 - Enforcer M Herbicide ALONE**

Enforcer M Herbicide Rate	Broadleaf Weeds Controlled or Suppressed	
0.625 L/ha	kochia (up to 5 cm tall)	wild buckwheat (suppression)
	lamb's quarters	wild mustard
1.25 L/ha	Weeds listed above plus:	
	American nightshade (up to 4-leaf)	redroot pigweed (suppression)
	ball mustard (up to 4-leaf)	Russian thistle (up to 4-leaf, < 5 cm tall)
	bluebur (up to 4-leaf)	scentless chamomile (up to 4-leaf)
	Canada thistle (top growth control only)	shepherd's purse (up to 4-leaf)
	chickweed	stinkweed

	cleavers (up to 6 whorls)	stork's bill (suppression)
	cocklebur (up to 4-leaf)	tartary buckwheat
	common buckwheat	triazine resistant pigweed (up to 4-leaf)
	common groundsel	velvetleaf (up to 4-leaf)
	common ragweed	volunteer canola (up to 4-leaf)
	cow cockle (up to 4-leaf)	volunteer flax
	flixweed (up to 4-leaf)	volunteer rapeseed (up to 4-leaf)
	green smartweed (up to 4-leaf)	volunteer sunflower (up to 4-leaf)
	hemp-nettle	wild buckwheat
	lady's thumb (up to 4-leaf)	wormseed mustard
	night flowering catchfly (up to 4-leaf)	perennial sow thistle (top growth control only)
	pale smartweed (up to 4-leaf)	

NOTE: Enforcer M Herbicide activity is influenced by weather conditions. Optimum activity requires active crop and weed growth. The temperature range for optimum activity is 12°C to 24 °C. Reduced activity will occur when temperatures are below 8 °C or above 27 °C. Frost before application (3 days) or shortly after (3 days) may reduce weed control and crop tolerance. Weed control may be reduced during stress conditions, e.g. drought, heat or cold stress, or if weeds have initiated flowering, or if heavy infestations exist.

Section 2 - Enforcer M Herbicide in Tank Mix with other herbicides

TANK MIXTURES:

When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

Enforcer M Herbicide can be tank mixed with the following herbicides:

1. Nufarm Tralkoxydim Herbicide, Nufarm Tralkoxydim Liquid or Achieve Liquid Herbicide (for wheat and barley only)
2. Cordon or Puma Advance Herbicide (for spring wheat, durum wheat and spring barley only)
3. Signal Herbicide or Nufarm Clodinafop Herbicide (for spring wheat and durum wheat only)
4. Axial 100EC Herbicide (for spring wheat and barley only)
5. Everest 2.0 Herbicide (for spring wheat and durum wheat only)
6. Varro Herbicide (for wheat only)
7. Simplicity (for spring wheat and durum wheat only)
8. Enforcer M Herbicide plus Nufarm Boost Herbicide – for suppression of Narrow-leaved Hawk's beard

Enforcer M Herbicide + Nufarm Boost Herbicide (wheat (spring, durum and winter) and barley only)

Weeds Controlled:	See Section 1, plus suppression of Narrow-leaved Hawk's beard
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage.
Application Method:	Ground application only. DO NOT APPLY USING AERIAL APPLICATION EQUIPMENT. Apply in at least 100 litres of water per hectare.
Application Rate:	0.625 -1.25 L/ha Enforcer M Herbicide + 6.7 g/ha Nufarm Boost Herbicide + surfactant as required on the Nufarm Boost Herbicide label directions.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Nufarm Agriculture Inc. at 1-800-868-5444 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Nufarm Agriculture Inc.

®,™ Products are trademarks of their respective companies.

19-2762

Booklet

GROUP	2	HERBICIDE
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**NUFARM
BOOST® HERBICIDE**

75% Water Dispersible Granules

AGRICULTURAL

FOR SALE FOR USE ON WHEAT (SPRING, WINTER OR DURUM), SPRING BARLEY AND OATS, AND
SEEDLING AND ESTABLISHED GRASS SPECIES FOR FORAGE AND SEED PRODUCTION ONLY

ACTIVE INGREDIENT:
Thifensulfuron-methyl ... 50%
Tribenuron-methyl ... 25%

WARNING: CONTAINS THE ALLERGENS MILK AND SULFITES

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

REGISTRATION NO.: **30377** PEST CONTROL PRODUCTS ACT

Nufarm Agriculture Inc.
5101, 333 - 96th Ave NE
Calgary, Alberta T3K 0S3
1-800-868-5444

24 Hour Emergency Response Number 1-800-424-9300

BOOST® is a registered trademark of Nufarm Agriculture Inc.

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Avoid contact with skin, eyes and clothing. Wear goggles or face shield, coveralls, and suitable chemical resistant gloves during mixing and loading.
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Causes eye and skin irritation.
- When using, do not eat, drink or smoke. Wash skin thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before re-use.
- Do not enter or allow worker re-entry treated fields for 12 hours after treatment.
- Do not apply by air.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

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ENVIRONMENTAL PRECAUTIONS:

- Overspray or drift to important wildlife habits such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided. Leave a 15-meter buffer zone between the last spray swath and the edge of any of these habitats.
- Do not use on highly variable soils that have large gravelly or sand areas, eroded knolls, or calcium deposits.
- Do not remove soil from treated fields for use on lawns, in gardens or for back fill.
- Do not contaminate irrigation water. Do not apply to land where tail water will be used to irrigate cropland.

- Do not apply more than 20 g per hectare of **NUFARM BOOST® HERBICIDE** per crop year.

IMPORTANT

Injury to or loss of desirable trees or vegetation may result from failure to observe the following: Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, recreational grounds or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water that may be used on other crops.

DO NOT APPLY BY AIR.

Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than wheat, barley or oats.

APPLY WITH A SURFACTANT REGISTERED FOR USE WITH **NUFARM BOOST HERBICIDE**.

GENERAL INFORMATION

NUFARM BOOST HERBICIDE is recommended for selective postemergence control or suppression of broadleaf weeds in wheat (spring, winter or durum), spring barley and oats not underseeded to legumes or grasses. **NUFARM BOOST HERBICIDE** is a 75% active ingredient herbicide formulated as a water dispersible granule. **NUFARM BOOST HERBICIDE** is to be mixed with water and a recommended surfactant and applied as a uniform broadcast spray. It is noncorrosive, nonflammable, nonvolatile and does not freeze.

NUFARM BOOST HERBICIDE MUST be applied with a recommended surfactant, early postemergence, to the main flush of actively growing broadleaf weeds. Recommended surfactants are AGRAL* 90, AG-SURF*, CITOWETT* PLUS and LIBERATE.

Warm, moist growing conditions promote active weed growth and enhance the activity of **NUFARM BOOST HERBICIDE** by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. For best results, ensure thorough spray coverage of target weeds. See "DIRECTIONS FOR USE" section of this label for complete use details. **NUFARM BOOST HERBICIDE** stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending upon growing conditions and weed susceptibility. Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.

Canola, flax, lentils and alfalfa may be planted two months after an application of **NUFARM BOOST HERBICIDE**. Any crop may be planted in the year following the use of **NUFARM BOOST HERBICIDE**. One 320 g container of **NUFARM BOOST HERBICIDE** treats 16 ha.

IMPORTANT INFORMATION: READ BEFORE USING

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, recreational grounds or similar areas.
- Prevent drift of spray to desirable plants.
- Do not contaminate any body of water, including irrigation water that may be used on other crops.
- Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than wheat, spring barley or oats.

REPLANTING TO OTHER CROPS:

Minimum Crop Rotation Guidelines:

Minimum Interval	Crop
2 months	Canola, Flax, Lentils, Alfalfa
Next crop year	All crops

GRAZING/HARVEST RESTRICTIONS:

Wheat, spring barley or oats may not be grazed or fed to livestock within 7 days of application.

VARIETY RESTRICTIONS:

Limit use of **NUFARM BOOST HERBICIDE** to currently licensed varieties of wheat (spring, durum, winter), spring barley and oats. Consult **NUFARM AGRICULTURE INC.** prior to use on unlicensed varieties for crop tolerance information. **DO NOT USE ON LEGER SPRING BARLEY OR BELVEDERE WHEAT VARIETIES.**

APPLICATION INFORMATION:

APPLICATION PRECAUTIONS:

- **DO NOT APPLY BY AIR.**
- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls or calcium deposits.
- Overspray or drift to important wildlife habitats such as shelterbelts, wetlands, sloughs or dry slough borders and woodlots should be avoided. Leave a 15-meter buffer zone between the last spray swath and the edge of any of these habitats.
- Apply with an adjuvant registered for use with **NUFARM BOOST HERBICIDE.**
- Use only water as a carrier. Other carriers may accelerate breakdown of **NUFARM BOOST HERBICIDE** and reduce its effectiveness.
- Do not apply to crops underseeded to legumes or grasses as injury to forage may result.
- Application to crops that are stressed by severe weather conditions, frost, low fertility, water logged soil (soil at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.

- Under certain conditions, such as heavy rainfall, prolonged cool weather, frost or wide fluctuations in day/night temperatures, temporary lightening in crop colour, and occasionally, a slight reduction in crop height may occur.
- Do not apply more than 20 grams/hectare of **NUFARM BOOST HERBICIDE** per year.

APPLICATION INSTRUCTIONS:

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh or larger filter screens (metal or nylon). A spray pressure of 210-275 kPa is recommended.

Continuous agitation is required to keep **NUFARM BOOST HERBICIDE** in suspension. Apply uniformly. Avoid overlapping and shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

DIRECTIONS FOR USE

WHEAT (SPRING, DURUM, WINTER), SPRING BARLEY AND OATS

NUFARM BOOST HERBICIDE	
LOCATION: Not restricted	
CROP(S): wheat (spring, durum, winter), spring barley and oats only	
TIMING: Post-emergent application from 2-leaf to flag leaf (shot blade) growth stage of crop, prior to head emergence, but before the crop canopy will prevent thorough coverage of target weeds. For best results apply to young, actively growing weeds that are less than 10 cm in height or diameter. Thorough coverage of target weeds is essential.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS, LIBERATE or NUFARM ENHANCE®	2 litres/1000 litres of spray solution
MIXING: Mixing order is NUFARM BOOST HERBICIDE, then adjuvant. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED annual smartweed (green smartweed, lady’s thumb)/ball mustard/chickweed ¹ /corn spurry/cow cockle/flixweed/groundsel (common)/hemp-nettle/kochia/lamb’s quarters/narrow-leaved hawk’s beard/redroot pigweed/Russian thistle/shepherd’s purse/stinkweed/tartary buckwheat/volunteer rapeseed ² /volunteer sunflower/wild buckwheat ³ /wild mustard	
Notes ¹ Apply when chickweed is small (1-6 leaf) and actively growing, but before crop canopy prevents thorough herbicide coverage of weeds. Chickweed emerging after application will not be controlled. ² NUFARM BOOST HERBICIDE alone will not control imazamox and imazethapyr tolerant canola (e.g., Clearfield* canola). ³ Apply to actively growing wild buckwheat in the cotyledon 1-3 leaf stage. Under environmental stress, such as dry weather, control may be reduced. Large plants may re-grow after treatment.	

WEEDS SUPPRESSED

Canada thistle⁴/cleavers (1-3 whorls)/round leaved mallow⁵/scentless chamomile/Sow thistle⁴/stork's bill (2-6 leaf)/toadflax⁶

Notes

⁴ Apply when the majority of thistles have emerged and are actively growing. For best top growth control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of weeds. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be suppressed

⁵ Apply to actively growing round leaved mallow from the 2-6 leaf stage (10-12 cm in height). **NUFARM BOOST HERBICIDE** will keep mallow stunted but may not reduce overall populations.

⁶ Apply to toadflax that is no larger than 15 cm in height. A control program for this weed includes both frequent tillage and chemical application.

NOTE: Rainfall within 4 hours of application of **NUFARM BOOST HERBICIDE** will result in reduced weed control.

NUFARM BOOST HERBICIDE + MCPA

LOCATION: Not restricted

CROP(S): wheat (spring, durum, winter), spring barley and oats only

TIMING: Post-emergent application from full 3-leaf to just before flag leaf (shot blade) growth stage of crop.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
MCPA Amine or Ester 500	0.7-1.1 litres/hectare (350-560 grams acid equivalent/hectare)
OR	
MCPA Ester 500	0.56 litres/hectare (280 grams acid equivalent/hectare)
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution

MIXING: Mixing order is **NUFARM BOOST HERBICIDE**, then MCPA to the tank while maintaining agitation, then adjuvant.

Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED BY NUFARM BOOST HERBICIDE+ MCPA AT 0.7-1.1 L/HA

annual smartweed (green smartweed, lady's thumb)/ball mustard/burdocks (seedling)/chickweed¹/cocklebur²/corn spurry/cow cockle/false ragweed²/flixweed/giant ragweed²/hare's-ear mustard/hemp-nettle/Indian mustard/kochia²/lamb's quarters/plantain (common)/prickly lettuce/ragweed²/redroot pigweed/Russian pigweed²/Russian thistle/shepherd's purse/stinkweed/tartary buckwheat/tumble mustard/volunteer rapeseed/wild buckwheat³/wild mustard/wild radish/wormseed mustard

WEEDS CONTROLLED NUFARM BOOST HERBICIDE+ MCPA ESTER 500 AT 0.56 L/HA

Weeds controlled by **NUFARM BOOST HERBICIDE** as well as volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage)

Notes

¹ Apply when chickweed is small (1-6 leaf) and actively growing, but before crop canopy prevents thorough herbicide coverage of weeds. Chickweed emerging after application will not be controlled.

² Use minimum of 400 grams MCPA active ingredient per hectare.

³ Apply to actively growing wild buckwheat in the cotyledon 1-3 leaf stage. Under environmental stress, such as dry weather, control may be reduced. Large plants may re-grow after treatment.

WEEDS SUPPRESSED

Canada thistle⁴/round leaved mallow⁵/scentless chamomile/sow thistle⁴/stork's bill (2-6 leaf) (MCPA Ester only)

Notes

⁴ Apply when the majority of thistles have emerged and are actively growing. For best top growth control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of weeds. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be suppressed.

⁵ Apply to actively growing round leaved mallow from the 2-6 leaf stage (10-12 cm in height).

NUFARM BOOST HERBICIDE + MCPA will keep mallow stunted but may not reduce overall populations.

NOTES: Ensure that **NUFARM BOOST HERBICIDE** is completely in suspension before adding MCPA. Consult the MCPA label for additional application instructions and use precautions.

WHEAT (SPRING, DURUM, WINTER) AND SPRING BARLEY

NUFARM BOOST HERBICIDE + 2,4-D AMINE or ESTER	
LOCATION: Not restricted	
CROP(S): wheat (spring, durum, winter) and spring barley only. DO NOT USE ON OATS	
TIMING: Post-emergent application from full 3-leaf to just before flag leaf (shot blade) growth stage of crop.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
Choose one of the following:	
1) 2,4-D Amine 500	0.84-1.1 litres/hectare
2) 2,4-D Ester LV700	0.6-0.8 litres/hectare
3) 2,4-D Ester LV600	0.7-0.9 litres/hectare
4) Acid equivalent.	

=420 – 550 gms active/ha.	
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution
<p>MIXING: Mixing order is NUFARM BOOST HERBICIDE, then 2,4-D to the tank while maintaining agitation, then adjuvant. Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions.</p>	
<p>WEEDS CONTROLLED annual smartweed (green smartweed, lady's thumb)/ball mustard/burdocks (seedling)/chickweed¹/cocklebur/common ragweed/corn spurry/cow cockle/false ragweed/flixweed/giant ragweed/hare's-ear mustard/hemp-nettle/Indian mustard/kochia/lamb's quarters/plantain (common)/prickly lettuce/redroot pigweed/Russian pigweed/Russian thistle/shepherd's purse/stinkweed/stork's bill (2-6 leaf) (2,4-D Ester only)/tartary buckwheat/tumble mustard/volunteer rapeseed²/wild buckwheat³/wild mustard/wild radish/wormseed mustard</p> <p>Notes ¹ Apply when chickweed is small (1-6 leaf) and actively growing, but before crop canopy prevents thorough herbicide coverage of weeds. Chickweed emerging after application will not be controlled. ² For imazamox and imazethapyr tolerant canola (e.g., Clearfield canola) consult the 2,4-D label for appropriate use rates. ³ Apply to actively growing wild buckwheat in the cotyledon 1-3 leaf stage. Under environmental stress, such as dry weather, control may be reduced. Large plants may re-grow after treatment.</p>	
<p>WEEDS SUPPRESSED Canada thistle⁴/round leaved mallow⁵/scentless chamomile/sow thistle⁴/toadflax (2,4-D Ester only)</p> <p>Notes ⁴ Apply when the majority of thistles have emerged and are actively growing. For best top growth control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of weeds. NUFARM BOOST HERBICIDE+ 2,4-D will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be suppressed. ⁵ Apply to actively growing round leaved mallow from the 2-6 leaf stage (10-12 cm in height). NUFARM BOOST HERBICIDE + 2,4-D will keep mallow stunted but may not reduce overall populations. NOTES: Ensure that NUFARM BOOST HERBICIDE is completely in suspension before adding 2,4-D. Consult the 2,4-D label for additional application instructions and use precautions.</p>	

SPRING WHEAT (INCLUDING DURUM) AND SPRING BARLEY

NUFARM BOOST HERBICIDE + ASSERT*	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 2-leaf to 6-leaf growth stage of crop. Apply to wild oats from the 1-4 leaf stage.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ASSERT	1.3 litres/hectare for 1-3 leaf stage of wild oats 1.6 litres/hectare for 4-leaf stage of wild oats
No adjuvant required.	
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Spray Water pH Adjuster then Assert.	
Ensure that NUFARM BOOST HERBICIDE is completely in suspension before adding pH Adjuster and that pH Adjuster is completely dissolved before adding Assert while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED Broadleaf weeds controlled by NUFARM BOOST HERBICIDE alone, as well as wild oats.	
NOTES: Use spray preparation within 12 hours or product degradation may occur. Consult the Assert label for additional application instructions, use precautions and recropping information.	

NUFARM BOOST HERBICIDE + ASSERT + MCPA Ester 500	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 4-leaf to 6-leaf growth stage of crop. Apply to wild oats from the 1-4 leaf stage.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ASSERT	BROWN AND DARK BROWN SOIL ZONES 1.3 litres/hectare for 1-3 leaf stage of wild oats 1.6 litres/hectare for 4-leaf stage of wild oats BLACK AND GREY WOODDED SOIL ZONES 1.6 litres/hectare
MCPA Ester 500	0.7-1.1 litres/hectare (350-560 grams acid equivalent/hectare)
No adjuvant required.	
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Spray Water pH Adjuster then Assert then MCPA Ester 500. Ensure that NUFARM BOOST HERBICIDE is completely in suspension	

before adding pH Adjuster and that pH Adjuster is completely dissolved before adding Assert, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.
WEEDS CONTROLLED Broadleaf weeds controlled by NUFARM BOOST HERBICIDE alone, as well as wild oats.
NOTES: Use spray preparation within 12 hours or product degradation may occur. Consult the Assert and MCPA Ester 500 labels for additional application instructions, use precautions and recropping information.

NUFARM BOOST HERBICIDE + COUGAR* 120 EC Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
COUGAR 120 EC Herbicide	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass
No adjuvant required	
MIXING: Mixing order is NUFARM BOOST HERBICIDE then COUGAR 120 EC Herbicide, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as green foxtail, yellow foxtail, barnyard grass and wild oats.	
NOTES: Consult the COUGAR 120 EC Herbicide label for additional information on appropriate weed staging, application instructions, environmental and use precautions.	

NUFARM BOOST HERBICIDE + CORDON® Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
CORDON Herbicide	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass
No adjuvant required	
MIXING: Mixing order is NUFARM BOOST HERBICIDE then CORDON Herbicide, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as	

green foxtail, yellow foxtail, barnyard grass and wild oats.

NOTES: Consult the CORDON Herbicide label for additional information on appropriate weed staging, application instructions, environmental and use precautions.

NUFARM BOOST HERBICIDE + PUMA* 120 SUPER

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.

CROP(S): spring wheat (including durum) and spring barley only

TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley.
For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
PUMA 120 SUPER	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass

No adjuvant required

MIXING: Mixing order is **NUFARM BOOST HERBICIDE** then Puma 120 Super, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

Broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** alone, as well as green foxtail, yellow foxtail, barnyard grass and wild oats.

NOTES: Consult the Puma 120 Super label for additional information on appropriate weed staging, application instructions, environmental and use precautions.

NUFARM BOOST HERBICIDE + COUGAR 120 EC Herbicide + MCPA Ester 500

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.

CROP(S): spring wheat (including durum) and spring barley only

TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
COUGAR 120 EC Herbicide	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass
MCPA Ester 500	560 mL/hectare for volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage). 840 mL/hectare for weeds controlled by MCPA Ester 500 at this rate.

No adjuvant required

MIXING: Mixing order is **NUFARM BOOST HERBICIDE** then COUGAR 120 EC Herbicide, then MCPA Ester 500 while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

Broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** alone: green foxtail, yellow foxtail, barnyard grass and wild oats as well as weeds controlled by MCPA Ester 500 at 840 mL/hectare or volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage) when MCPA Ester 500 is applied at 560 mL/hectare.

NOTES: Consult the MCPA Ester 500 and COUGAR 120 EC Herbicide labels for additional information on appropriate weed staging, application instructions, environmental and use precautions.

NUFARM BOOST HERBICIDE + CORDON Herbicide + MCPA Ester 500

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.

CROP(S): spring wheat (including durum) and spring barley only

TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
CORDON Herbicide	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass
MCPA Ester 500	560 mL/hectare for volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage). 840 mL/hectare for weeds controlled by MCPA Ester 500 at this rate.

No adjuvant required

MIXING: Mixing order is **NUFARM BOOST HERBICIDE** then CORDON Herbicide, then MCPA Ester 500 while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

Broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** alone: green foxtail, yellow foxtail, barnyard grass and wild oats as well as weeds controlled by MCPA Ester 500 at 840 mL/hectare or volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage) when MCPA Ester 500 is applied at 560 mL/hectare.

NOTES: Consult the MCPA Ester 500 and CORDON Herbicide labels for additional information on appropriate weed staging, application instructions, environmental and use precautions.

NUFARM BOOST HERBICIDE + PUMA 120 SUPER + MCPA Ester 500

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.

CROP(S): spring wheat (including durum) and spring barley only

TIMING: Post-emergent application from 1 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 1 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
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PUMA 120 SUPER	385 mL/hectare for green foxtail only 770mL/hectare for wild oats, green foxtail, yellow foxtail and barnyard grass
MCPA Ester 500	560 mL/hectare for volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage). 840 mL/hectare for weeds controlled by MCPA Ester 500 at this rate.
No adjuvant required	
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Puma 120 Super, then MCPA Ester 500 while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone: green foxtail, yellow foxtail, barnyard grass and wild oats as well as weeds controlled by MCPA Ester 500 at 840 mL/hectare or volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield canola)(2-4 leaf stage) when MCPA Ester 500 is applied at 560 mL/hectare.	
NOTES: Consult the MCPA Ester 500 and Puma 120 Super labels for additional information on appropriate weed staging, application instructions, environmental and use precautions.	

NUFARM BOOST HERBICIDE + ACCORD*	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley (grown for feed purposes only) NOT UNDERSEEDED TO FORAGES	
TIMING: Post-emergent application from 2 to 5-leaf growth stage of the crop. See below for weed staging.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD	135 grams/hectare for most weeds listed below 165 grams/hectare for green foxtail 67 grams/hectare for cleavers and annual sowthistle
Adjuvant: MERGE only	10 litres/1000 litres of spray solution (1.0% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Accord then Merge adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as: green foxtail.....1-5 leaf, 2 tillers barnyard grass 1-5 leaf	

volunteer flax cleavers	1-8 cm 1-4 whorls
<p>NOTES: Do not apply this tank mixture more often than once every 2 years. Do not graze the treated crops or cut for hay within 77 days of application. Consult the Accord label for rotational cropping restrictions, application instructions, use precautions and other restrictions. Refer to the Accord label for additional information on appropriate weed staging at application. Thorough coverage of foliage is important for consistent weed control.</p>	

NUFARM BOOST HERBICIDE + ACCORD + COUGAR 120 EC Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley (grown for feed purposes only) NOT UNDERSEEDED TO FORAGES	
TIMING: Post-emergent application from 2 to 5-leaf growth stage of spring and durum wheat or to barley at the 2 to 4-leaf stage. See below for weed staging.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD	67 grams/hectare for cleavers only
COUGAR 120 EC Herbicide	0.77 litres per hectare
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Accord then COUGAR 120 EC Herbicide . Merge adjuvant is NOT required in this tank mixture. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as: Wild oats, green foxtail, barnyard grass – 1 - 6-leaf stage up to emergence of third tiller Cleavers 1-4 whorls	
NOTES: Do not apply this tank mixture more often than once every 2 years. Do not graze the treated crops or cut for hay within 77 days (spring wheat, durum) or 80 days (spring barley) of application. Consult the Accord label for rotational cropping restrictions, application instructions, use precautions and other restrictions. Refer to the Accord and COUGAR 120 EC Herbicide labels for additional information on appropriate weed staging at application. Thorough coverage of foliage is important for consistent weed control.	

NUFARM BOOST HERBICIDE + ACCORD + CORDON Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley (grown for feed purposes only) NOT UNDERSEEDED TO FORAGES	
TIMING: Post-emergent application from 2 to 5-leaf growth stage of spring and durum wheat or to barley at the 2 to 4-leaf stage. See below for weed staging.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD	67 grams/hectare for cleavers only
CORDON Herbicide	0.77 litres per hectare
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Accord then CORDON Herbicide . Merge adjuvant is NOT required in this tank mixture. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	

Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as: Wild oats, green foxtail, barnyard grass – 1 - 6-leaf stage up to emergence of third tiller Cleavers 1-4 whorls
NOTES: Do not apply this tank mixture more often than once every 2 years. Do not graze the treated crops or cut for hay within 77 days (spring wheat, durum) or 80 days (spring barley) of application. Consult the Accord label for rotational cropping restrictions, application instructions, use precautions and other restrictions. Refer to the Accord and CORDON Herbicide labels for additional information on appropriate weed staging at application. Thorough coverage of foliage is important for consistent weed control.

NUFARM BOOST HERBICIDE + ACCORD + Puma 120 Super	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley (grown for feed purposes only) NOT UNDERSEEDED TO FORAGES	
TIMING: Post-emergent application from 2 to 5-leaf growth stage of spring and durum wheat or to barley at the 2 to 4-leaf stage. See below for weed staging.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD	67 grams/hectare for cleavers only
Puma 120 Super	0.77 litres per hectare
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Accord then Puma 120 Super. Merge adjuvant is NOT required in this tank mixture. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as: Wild oats, green foxtail, barnyard grass – 1 - 6-leaf stage up to emergence of third tiller Cleavers 1-4 whorls	
NOTES: Do not apply this tank mixture more often than once every 2 years. Do not graze the treated crops or cut for hay within 77 days (spring wheat, durum) or 80 days (spring barley) of application. Consult the Accord label for rotational cropping restrictions, application instructions, use precautions and other restrictions. Refer to the Accord and Puma 120 Super labels for additional information on appropriate weed staging at application. Thorough coverage of foliage is important for consistent weed control.	

NUFARM BOOST HERBICIDE + Nufarm Fluroxypyr Herbicide+ 2,4-D Ester 700		
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.		
CROP(S): spring wheat (including durum wheat) and spring barley not underseeded to legumes		
TIMING: Post-emergent application from the 4-leaf to flag-leaf stage of spring wheat (including durum) or spring barley and seedling stage to 4-leaf/whorls of weed.		
TANK MIX COMPONENTS AND APPLICATION RATES		
NUFARM BOOST HERBICIDE		20 grams/hectare
	Nufarm Fluroxypyr Herbicide	0.30 L/ha
	2,4-D Ester 700	0.42 L/ha
Adjuvants: AGRAL 90, AG-SURF or CITOWETT PLUS or LIBERATE		2L/1000 litres of spray solution

MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Nufarm Fluroxypyr Herbicide then 2,4-D Ester 700, then surfactant. Refer to MIXING DIRECTIONS section for general instructions. Use a spray volume of 100 L/ha.
WEEDS CONTROLLED
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as cleavers (excluding Group 2 resistant cleavers).
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Do not harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days prior to slaughter. Do not harvest the treated mature crop within 60 days after application. Consult the Attain Herbicide Tank Mix labels for additional application instructions and use precautions.

NUFARM BOOST HERBICIDE + ATTAIN* HERBICIDE TANK MIX		
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.		
CROP(S): spring wheat (including durum) and spring barley, not underseeded to legumes		
TIMING: Post-emergent application from the 4-leaf to flag-leaf stage of spring wheat (including durum) or spring barley and seedling stage to 4-leaf/whorls of weed.		
TANK MIX COMPONENTS AND APPLICATION RATES		
NUFARM BOOST HERBICIDE		20 grams/hectare
Attain Herbicide Tank Mix	ATTAIN A (fluroxypyr)	Attain A - 0.30 L/ha
	ATTAIN B (2,4-D Ester)	Attain B - 0.50 L/ha
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE		2L/1000 litres of spray solution
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Attain A, then Attain B then surfactant. Refer to MIXING DIRECTIONS section for general instructions. Use a spray volume of 100 L/ha.		
WEEDS CONTROLLED		
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as cleavers (excluding Group 2 resistant cleavers).		
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Do not harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days prior to slaughter. Do not harvest the treated mature crop within 60 days after application. Consult the Attain Herbicide Tank Mix labels for additional application instructions and use precautions.		

SPRING WHEAT (EXCLUDING DURUM) AND SPRING BARLEY

NUFARM BOOST HERBICIDE + AXIAL* 100EC Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 1 to flag leaf. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of 4th tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	

NUFARM BOOST HERBICIDE	20 grams/hectare
AXIAL 100 EC Herbicide	400 mL/hectare for Persian darnel only 600mL/hectare for wild oats, volunteer oats, green foxtail, yellow foxtail, volunteer canary seed, and proso millet.
ADIGOR* Adjuvant Or MERGE* Adjuvant	700 mL/hectare
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Axial 100 EC Herbicide, then Adigor or Merge, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, plus wild oats, volunteer oats, green foxtail, yellow foxtail, Persian darnel, volunteer canary seed, and proso millet.	
NOTES: Do not harvest within 60 days for grain and straw and 30 days for hay. Do not graze treated crop for 7 days after application. Consult AXIAL 100 EC Herbicide label for additional information on appropriate weed staging, application instructions, environmental and use precautions.	

NUFARM BOOST HERBICIDE + AXIAL 100EC Herbicide + MCPA Ester 500	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) and spring barley only	
TIMING: Post-emergent application from 1 to flag leaf. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of 4 th tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
AXIAL 100 EC Herbicide	400 mL/hectare for Persian darnel only 600mL/hectare for wild oats, volunteer oats, green foxtail, yellow foxtail, volunteer canary seed, and proso millet.
MCPA Ester 500	560 mL/hectare for volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield canola)(2-4 leaf stage). 700 mL/hectare for weeds controlled by MCPA Ester at this rate
ADIGOR Adjuvant OR MERGE Adjuvant	700 mL/hectare
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Axial 100 EC Herbicide, then MCPA Ester 500, and finally Adigor or Merge, while maintaining agitation. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as weeds controlled by MCPA Ester 500 at 700 mL/hectare, or volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield canola) (2-4 leaf stage) when applied at 560	

mL/hectare, plus wild oats, volunteer oats, green foxtail, yellow foxtail, Persian dandelion, volunteer canary seed, and proso millet.
NOTES: Do not harvest within 60 days for grain and straw and 30 days for hay. Do not graze treated crop for 7 days after application. Consult AXIAL 100 EC Herbicide and MCPA Ester labels for additional information on appropriate weed staging, application instructions, environmental and use precautions.

NUFARM BOOST HERBICIDE + BANVEL* II Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) and spring barley only, not underseeded to forages	
TIMING: Post-emergent application from the 2-5 leaf stage of spring wheat or spring barley and seedling stage to 8 leaf stage of kochia.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
Banvel II Herbicide	0.110 litres/hectare
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Banvel II Herbicide then adjuvant. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as kochia (including Group 2 resistant kochia).	
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Consult the Banvel II Herbicide label for additional application instructions and use precautions.	

NUFARM BOOST HERBICIDE + CURTAIL* M	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) and spring barley only	
TIMING: Post-emergent application from the full 3-leaf growth stage of spring wheat or spring barley.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
CURTAIL M	1.5 litres/hectare
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Curtail M, while maintaining agitation, then adjuvant, to the tank. Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as Canada thistle ¹ and wild buckwheat ² .	
Notes	
¹ Apply when the majority of thistles have emerged and are actively growing. For best control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of thistles. Later emerging thistles will not be controlled.	

² Apply to actively growing wild buckwheat in the cotyledon to 5-leaf stage. Under environmental stress, such as dry weather, control may be reduced. Large plants may re-grow after treatment.

NOTES: Consult the Curtail M label for additional application instructions and use precautions.

NUFARM BOOST HERBICIDE + LONTREL* 360	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): Spring wheat (excluding durum) and spring barley only	
TIMING: Post-emergent application from the full 3-leaf to the flag leaf growth stage of spring wheat or spring barley.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
LONTREL 360	0.21 litres/hectare
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Lontrel 360, to the tank while maintaining agitation, then adjuvant. Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as Canada thistle ¹ (seasonal control) and wild buckwheat ² .	
Notes	
¹ Apply when the majority of thistles have emerged and are actively growing. For best control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of thistles. Later emerging thistles will not be controlled.	
² Apply to actively growing wild buckwheat in the cotyledon to 5-leaf stage. Under environmental stress, such as dry weather, control may be reduced. Large plants may re-grow after treatment.	
NOTES: Consult the Lontrel 360 label for additional application instructions and use precautions.	

NUFARM BOOST HERBICIDE + LONTREL 360 + 2,4-D ESTER or MCPA ESTER	
LOCATION: Western Canada only.	
CROP(S): spring wheat (excluding durum) and spring barley only	
TIMING: Post-emergent application from full 3-leaf to just before flag leaf (shot blade) growth stage of crop.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
Lontrel 360	0.21 litres/hectare
Choose one of the following:	
1) MCPA Ester (500 g/L)	0.84 litres/hectare
2) 2,4-D Ester (600 g/L)	0.7 litres/hectare
Adjuvants: AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE	2 litres/1000 litres of spray solution

MIXING: Mixing order is NUFARM BOOST HERBICIDE first in fresh water, then Lontrel 360 then 2,4-D Ester or MCPA Ester then adjuvant. Refer to MIXING DIRECTIONS section for general instructions.
WEEDS CONTROLLED All other weeds controlled by NUFARM BOOST HERBICIDE alone, as well as Canada thistle ¹ , lady's thumb, perennial sow thistle, stinkweed, volunteer canola, wild buckwheat and wild mustard.
Notes ¹ Provides seasonal control of Canada thistle.
WEEDS SUPPRESSED All other weeds suppressed by NUFARM BOOST HERBICIDE alone, as well as cleavers.
NOTES: Consult the Lontrel 360 and MCPA Ester or 2,4-D Ester labels for additional application instructions, use Precautions and other label restrictions.

SPRING WHEAT (INCLUDING DURUM)

NUFARM BOOST HERBICIDE + BULLWHIP 240EC Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only	
CROP(S): spring wheat (including durum) only	
TIMING: Post-emergent application from 2-leaf to flag leaf growth stage of the crop.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
BULLWHIP 240EC Herbicide	230 mL/hectare for wild oats 290 mL/hectare for wild oats and green foxtail
Adjuvant: XA Oil Concentrate	800 mL/hectare for low rate of Bullwhip 240EC 1.0 litre/hectare for high rate of Bullwhip 240EC
MIXING: Mixing order is NUFARM BOOST HERBICIDE then BULLWHIP 240 EC Herbicide then XA Oil Concentrate. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as wild oats and green foxtail.	
NOTES: Consult the BULLWHIP 240EC Herbicide label for application instructions and use precautions.	

NUFARM BOOST HERBICIDE + SIGNAL Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only	
CROP(S): spring wheat (including durum) only	
TIMING: Post-emergent application from 2-leaf to flag leaf growth stage of the crop.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
SIGNAL Herbicide	230 mL/hectare for wild oats 290 mL/hectare for wild oats and green foxtail
Nufarm Enhance Adjuvant	2.5/1000 L (0.25% v/v) for low rate of SIGNAL Herbicide 3.2 L/1000 L (0.32% v/v) for high rate of SIGNAL Herbicide
MIXING: Mixing order is NUFARM BOOST HERBICIDE then SIGNAL Herbicide then Nufarm Enhance Adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.	

WEEDS CONTROLLED

Broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** alone, as well as wild oats and green foxtail.

NOTES: Consult the SIGNAL Herbicide label for application instructions and use precautions.

NUFARM BOOST HERBICIDE + HORIZON* 240 EC HERBICIDE TANK MIX

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only

CROP(S): spring wheat (including durum) only

TIMING: Post-emergent application from 2-leaf to flag leaf growth stage of the crop.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
HORIZON 240 EC	230 mL/hectare for wild oats 290 mL/hectare for wild oats and green foxtail
Adjuvant: SCORE* only	800 mL/hectare for low rate of Horizon 240 EC 1.0 litre/hectare for high rate of Horizon 240 EC

MIXING: Mixing order is **NUFARM BOOST HERBICIDE** then Horizon 240 EC **HERBICIDE TANK MIX** then Score adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

Broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** alone, as well as wild oats and green foxtail.

NOTES: Consult the Horizon 240 EC HERBICIDE TANK MIX label for application instructions and use precautions.

NUFARM BOOST HERBICIDE + MCPA ESTER 500 + BULLWHIP* 240EC Herbicide

LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.

CROP(S): spring wheat (including durum) only

TIMING: Post-emergent application from 3-leaf to flag leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3rd tiller.

TANK MIX COMPONENTS AND APPLICATION RATES

NUFARM BOOST HERBICIDE	20 grams/hectare
MCPA ESTER 500	0.84-1.1 litres/hectare or 0.56 litres/hectare
BULLWHIP 240EC Herbicide	230 mL/hectare
Adjuvant: XA Oil Concentrate	8 litres/1000 litres of spray solution (0.8% v/v)

MIXING: Mixing order is **NUFARM BOOST HERBICIDE** then BULLWHIP 240EC Herbicide, then MCPA Ester 500 then XA Oil Concentrate. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

Green foxtail¹
Wild oats

PLUS broadleaf weeds controlled or suppressed by **NUFARM BOOST HERBICIDE** and broadleaf weeds controlled by MCPA Ester 500 at 0.84-1.1 L per hectare or volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield canola) (2-4 leaf stage) when MCPA is applied at

0.56 L per hectare.

Notes

¹ A reduction in control of green foxtail may be observed with the tankmix of **NUFARM BOOST HERBICIDE** + MCPA Ester 500 + BULLWHIP 240EC Herbicide.

NOTES: Consult the MCPA Ester 500 and BULLWHIP 240EC label for application instructions and use precautions.

NUFARM BOOST HERBICIDE + MCPA ESTER 500 + SIGNAL® Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) only	
TIMING: Post-emergent application from 3-leaf to flag leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3rd tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
MCPA ESTER 500	0.84-1.1 litres/hectare or 0.56 litres/hectare
SIGNAL Herbicide	230 mL/hectare
Nufarm Enhance Adjuvant	2.5 litres/1000 litres of spray solution (0.25% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE then SIGNAL Herbicide then MCPA Ester 500 then Nufarm Enhance Adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED Green foxtail ¹ Wild oats	
PLUS broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE and broadleaf weeds controlled by MCPA Ester 500 at 0.84-1.1 L per hectare or volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield canola) (2-4 leaf stage) when MCPA is applied at 0.56 L per hectare.	
Notes	
¹ A reduction in control of green foxtail may be observed with the tankmix of NUFARM BOOST HERBICIDE + MCPA Ester 500 + SIGNAL Herbicide.	
NOTES: Consult the MCPA Ester 500 and SIGNAL Herbicide label for application instructions and use precautions.	

NUFARM BOOST HERBICIDE + MCPA ESTER 500 + HORIZON 240 EC HERBICIDE TANK MIX	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) only	
TIMING: Post-emergent application from 3-leaf to flag leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3rd tiller.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
MCPA ESTER 500	0.84-1.1 litres/hectare or 0.56 litres/hectare
HORIZON 240 EC	230 mL/hectare
Adjuvant: SCORE only	8 litres/1000 litres of spray solution (0.8% v/v)

<p>MIXING: Mixing order is NUFARM BOOST HERBICIDE then Horizon 240 EC then MCPA Ester 500 then Score adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.</p>
<p>WEEDS CONTROLLED Green foxtail¹ Wild oats</p> <p>PLUS broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE and broadleaf weeds controlled by MCPA Ester 500 at 0.84-1.1 L per hectare or volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield canola) (2-4 leaf stage) when MCPA is applied at 0.56 L per hectare.</p> <p>Notes ¹ A reduction in control of green foxtail may be observed with the tank mix of NUFARM BOOST HERBICIDE + MCPA Ester 500 + Horizon 240 EC HERBICIDE TANK MIX.</p> <p>NOTES: Consult the MCPA Ester 500 and Horizon 240 EC HERBICIDE TANK MIX label for application instructions and use precautions.</p>

NUFARM BOOST HERBICIDE + ACCORD + BULLWHIP 240EC Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) only	
TIMING: Make application from 2 to 5-leaf leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3rd tiller. Thorough coverage of foliage is important for consistent weed control.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD Herbicide	67 grams/hectare
BULLWHIP 240EC Herbicide	L/hectare
Adjuvant: XA Oil Concentrate	8 litres/1000 litres of spray solution (0.8% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Accord then Bullwhip 240EC Herbicide then XA Oil Concentrate. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE , wild oats, green foxtail, and cleavers (1-4 whorl).	
NOTES: Prior to use, consult the Accord label for additional rotational cropping restrictions, application instructions, use precautions, and other restrictions. Do not graze treated crops or cut for hay within 77 days of application.	

NUFARM BOOST HERBICIDE + ACCORD + SIGNAL Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) only	
TIMING: Make application from 2 to 5-leaf leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3rd tiller. Thorough coverage of foliage is important for consistent weed control.	
TANK MIX COMPONENTS AND APPLICATION RATES	

NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD Herbicide	67 grams/hectare
SIGNAL Herbicide	230 mL/hectare
Nufarm Enhance Adjuvant	2.5 litres/1000 litres of spray solution (0.25% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Accord then SIGNAL Herbicide then Nufarm Enhance Adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE , wild oats, green foxtail, and cleavers (1-4 whorl).	
NOTES: Prior to use, consult the Accord label for additional rotational cropping restrictions, application instructions, use precautions, and other restrictions. Do not graze treated crops or cut for hay within 77 days of application.	

NUFARM BOOST HERBICIDE + ACCORD + HORIZON 240 EC HERBICIDE TANK MIX	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (including durum) only	
TIMING: Make application from 2 to 5-leaf leaf growth stage of the crop. Apply to actively growing wild oats from the 1 to 6-leaf stage, prior to emergence of the 4 th tiller and to green foxtail from the 1 to 5-leaf stage, prior to emergence of the 3 rd tiller. Thorough coverage of foliage is important for consistent weed control.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD Herbicide	67 grams/hectare
HORIZON 240 EC	230 mL/hectare
Adjuvant: SCORE only	8 litres/1000 litres of spray solution (0.8% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Accord then Horizon 240 EC HERBICIDE TANK MIX then Score adjuvant. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE , wild oats, green foxtail, and cleavers (1-4 whorl).	
NOTES: Prior to use, consult the Accord label for additional rotational cropping restrictions, application instructions, use precautions, and other restrictions. Do not graze treated crops or cut for hay within 77 days of application.	

SPRING WHEAT (EXCLUDING DURUM)

NUFARM BOOST HERBICIDE + ACCORD + AVENGE* 200-C	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) only NOT UNDERSEED TO FORAGES	
TIMING: Post-emergent application from 2 to 5-leaf growth stage of the crop.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
ACCORD	135 grams/hectare for most weeds listed

	below 165 grams/hectare for green foxtail
AVENGE 200-C	3.5 litres/hectare
Adjuvant: MERGE only	10 litres/1000 litres of spray solution (1.0% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE , then Accord, then Avenge 200-C while maintaining agitation, then MERGE adjuvant. DO NOT USE ADDITIONAL NONIONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.	
WEEDS CONTROLLED Weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone and the NUFARM BOOST HERBICIDE + Accord tank mix, as well as wild oats at populations between 1 and 200 plants per square meter.	
NOTES: Do not apply this tank mixture more often than once every 2 years. Do not graze treated crops or cut for hay within 77 days of application. Consult the Accord label for rotational cropping restrictions, application instructions, use precautions and other restrictions. Refer to the Accord and Avenge 200-C labels for additional information on appropriate weed staging and populations at application. Thorough coverage of foliage is important for consistent weed control. Avenge 200-C can cause some crop injury. Always refer to the Accord and Avenge 200-C labels for additional application instructions, use precautions and restrictions.	

NUFARM BOOST HERBICIDE + BULLWHIP 240EC Herbicide + BANVEL II Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) only, not underseeded to legumes	
TIMING: Post-emergent application from the 2-5 leaf stage of spring wheat and seedling stage to 8-leaf stage of kochia.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
BULLWHIP 240EC Herbicide	0.230 L/Ha
Banvel II Herbicide	0.110 L/Ha
Adjuvant: XA Oil Concentrate	0.8 L/Ha
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Banvel II Herbicide then BULLWHIP 240EC Herbicide then XA Oil Concentrate. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.	
WEEDS CONTROLLED Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as kochia (including Group 2 resistant kochia), green foxtail and wild oats.	
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Consult the Banvel II Herbicide and BULLWHIP 240EC Herbicide labels for additional application instructions and use precautions.	

NUFARM BOOST HERBICIDE + SIGNAL Herbicide + BANVEL II Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) only, not underseeded to legumes	
TIMING: Post-emergent application from the 2-5 leaf stage of spring wheat and seedling stage to 8-leaf stage of kochia.	

TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
SIGNAL Herbicide	0.230 L/Ha
Banvel II Herbicide	0.110 L/Ha
Nufarm Enhance Adjuvant	2.5/1000 L of spray solution (0.25% v/v)
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Banvel II Herbicide then SIGNAL Herbicide then Nufarm Enhance Adjuvant. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as kochia (including Group 2 resistant kochia), green foxtail and wild oats.	
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Consult the Banvel II Herbicide and SIGNAL Herbicide labels for additional application instructions and use precautions.	

NUFARM BOOST HERBICIDE + HORIZON 240 EC Herbicide Tank Mix + BANVEL II Herbicide	
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.	
CROP(S): spring wheat (excluding durum) only, not underseeded to legumes	
TIMING: Post-emergent application from the 2-5 leaf stage of spring wheat and seedling stage to 8-leaf stage of kochia.	
TANK MIX COMPONENTS AND APPLICATION RATES	
NUFARM BOOST HERBICIDE	20 grams/hectare
HORIZON 240 EC	0.230 L/Ha
Banvel II Herbicide	0.110 L/Ha
Adjuvant: SCORE	0.8 L/Ha
MIXING: Mixing order is NUFARM BOOST HERBICIDE then Banvel II Herbicide then Horizon 240 EC Herbicide Tank Mix then Score. Refer to MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.	
WEEDS CONTROLLED	
Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as kochia (including Group 2 resistant kochia), green foxtail and wild oats.	
NOTES: Do not permit lactating dairy animals to graze fields within 7 days after application. Consult the Banvel II Herbicide and Horizon 240 EC Herbicide Tank Mix labels for additional application instructions and use precautions.	

NUFARM BOOST HERBICIDE + 2,4-D AMINE or ESTER + EVEREST* SOLUPAK* 70 DF or EVEREST 70 DF			
LOCATION: For use in the prairie provinces and Peace River Region of British Columbia only.			
CROP(S): spring wheat (excluding durum) only NOT UNDERSEEDED TO LEGUMES			
TIMING: Post-emergent application from 1 to 6-leaf (1 to 4 leaves on main stem, plus 2 tillers) growth stage of the crop. For wild oats and green foxtail, apply from 1 to 6-leaf (1 to 4 leaves on main stem, plus 2 tillers)			
TANK MIX COMPONENTS AND APPLICATION RATES			
Component 1	Component 2	Component 3	Component 4

NUFARM BOOST HERBICIDE	20 g/ha	Everest 70 DF	43 g/ha			Agral 90 or Ag-surf	0.25% v/v
NUFARM BOOST HERBICIDE	20 g/ha	Everest 70 DF or Everest Solupak 70 DF	43 g/ha	2,4-D Amine or Ester	Up to 560 g ae/ha	Agral 90 or Ag-surf	0.25% v/v
MIXING: Mixing order is Everest Solupak 70 DF or Everest 70 DF then NUFARM BOOST HERBICIDE then 2,4-D Amine or Ester then adjuvant. Refer to MIXING DIRECTIONS section for general instructions.							
WEEDS CONTROLLED Broadleaf weeds controlled or suppressed by NUFARM BOOST HERBICIDE alone, as well as green foxtail and wild oats.							
NOTES: Observe minimum interval to harvest of 80 days after treatment. For black, dark brown and gray-wooded soil zones only, field peas may be grown the year following Everest Solupak application in fields where precipitation has been normal or above normal (10 year average) during the growing season, and where organic matter content is above 4% and pH below 7.5. Re-crop spring wheat only in brown soil zone. Consult the 2,4-D Amine or Ester and Everest Solupak 70 DF or Everest 70 DF labels for additional information on rotational cropping restrictions, application instructions, use precautions and other restrictions.							

MINOR USES:

SEEDLING AND ESTABLISHED GRASS SPECIES FOR FORAGE AND SEED PRODUCTION

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The **DIRECTIONS FOR USE** for this product for the use described below were developed by persons other than **Nufarm Agriculture Inc.** and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. **Nufarm Agriculture Inc** itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the User assumes all risks related to performance and crop tolerance arising and agrees to hold **Nufarm Agriculture Inc** harmless from any claims based on efficacy or phytotoxicity in connection with the use described below.

SEEDLING AND ESTABLISHED GRASS SPECIES FOR FORAGE AND SEED PRODUCTION

For broadleaf weed control, apply 20 grams of **NUFARM BOOST HERBICIDE** per hectare with AGRAL 90, AG-SURF, CITOWETT PLUS or LIBERATE at 2.0 litres per 1,000 litres of spray solution. (See "Mixing Instructions" section of the label).

Apply postemergence to the following Seedling or Established Grasses for Forage

or Seed Production:

Meadow Bromegrass	Pubescent Wheatgrass
Smooth Bromegrass	
Tall Wheatgrass	Creeping Red Fescue
Slender Wheatgrass	
Tall Fescue	Streambank Wheatgrass
Orchard Grass	Northern Wheatgrass
Crested Wheatgrass	Western Wheatgrass
	Intermediate Wheatgrass

Apply postemergence to the following Established Grasses for Forage or Seed Production:

Kentucky Bluegrass

NUFARM BOOST HERBICIDE will control the broadleaf weeds listed on the label for **NUFARM BOOST HERBICIDE** alone. For best results apply to emerged, young, actively-growing weeds that are less than 10 cm tall or across. Thorough coverage of target weeds is essential. Apply with ground equipment only. Make only one application per growing season. The above grasses may not be grazed by or fed to livestock within 7 days of application. Please refer to the appropriate sections of this label for additional use precautions, application and/or mixing instructions.

MIXING INFORMATION

Mixing Precautions:

Do not allow the spray mixture to remain in the tank for more than 24 hours before spraying or the effectiveness may be reduced. If the spray mixture has been allowed to stand in the tank, use vigorous agitation to thoroughly disperse before resuming spraying.

Use the spray preparation of **NUFARM BOOST HERBICIDE** within 24 hours or product degradation may occur. Use spray preparation containing ASSERT within 12 hours or product degradation may occur. If spray solution is left standing without agitation, thoroughly agitate and re-suspend any settled **NUFARM BOOST HERBICIDE** before resuming the spraying operation.

NOTE: Do not mix **NUFARM BOOST HERBICIDE** with liquid fertilizers, substances that contain boron or substances that release free chlorine. Mixing **NUFARM BOOST HERBICIDE** with any of these compounds will result in an insoluble substance in the tank.

Mixing Directions:

Select a spray volume that will ensure thorough coverage and a uniform spray pattern. Use a minimum of 55 L of spray volume per hectare. If tank mixing with other herbicides, always consult the label of the tank mix partner(s) for minimum spray volume requirements and apply the tank mixture using a water volume recommended for all products.

1. Fill the spray tank $\frac{1}{4}$ to $\frac{1}{3}$ full with fresh water.
2. Add the required amount of **NUFARM BOOST HERBICIDE** to the spray tank while the agitator is running. Continuous agitation is recommended through the entire mixing procedure to ensure products are completely dissolved and/or in suspension.
3. After **NUFARM BOOST HERBICIDE** has been fully dissolved and is in suspension, other tank mix components may be added while continuing to fill the tank with water. The proper sequence for tank mix components is:
 - a. dry formulations
 - b. emulsifiable concentrates
 - c. adjuvants (recommended adjuvant must be added to improve wetting and contact activity)
 - d. If a drift control agent is to be tank mixed, it is to be added first.
4. Refer to specific tank mixes in the DIRECTIONS FOR USE section of this label for mixing order and other mixing instructions.

For repeat loads, reduce the tank heel to 10% or less of the previous load. Fill tank with fresh water as described in step 1 and continue as directed. Emulsifiable concentrates may make dispersion of **NUFARM BOOST HERBICIDE** more difficult. For that reason, tank heels of the previous tank mix should be kept to 10% or less of the spray tank volume.

EQUIPMENT CLEANING INFORMATION

Cleaning Precautions:

CAUTION: Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour, which may cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR DESIRABLE VEGETATION.

Cleaning Instructions:

To avoid subsequent injury to crops other than wheat, spring barley or oats, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of **NUFARM BOOST HERBICIDE** from mixing and spray equipment as follows:

1. Empty the tank and drain the sump completely. Remove any contamination on the outside of the spraying equipment by washing with clean water.
2. Spray the interior tank walls (including the lid) with clean water using a minimum volume of 10% of the tank volume. Add household ammonia (containing a minimum 3% ammonia) at a solution rate of 1 L/100 L water or ALLCLEAN Cleaner (or other similarly approved cleaner) to the tank. Circulate the water through the lines, including all bypass lines, for at least two minutes. Flush the boom well and empty the sprayer. Completely drain the sump.
3. Repeat step 2. For this rinse, the addition of household ammonia or other cleaner is not required.

4. Remove the strainers, nozzles, tips and screens and clean separately in a bucket containing water and ammonia solution.
5. If only ammonia is used as a cleaner, the rinsate solution may be applied to the crop(s) listed on this label. Do not exceed the maximum-labeled use rate. If other cleaners are used consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **NUFARM BOOST HERBICIDE** is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **NUFARM BOOST HERBICIDE** and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible rotate the use of **NUFARM BOOST HERBICIDE** or other Group 2 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Nufarm Agriculture Inc. at 1-800-868-5444 or at www.nufarm.ca.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

DISPOSAL:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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