Sleeve

GROUP	2	HERBICIDE

NUFARM
BOOST® HERBICIDE

75% Wettable Granules

COMMERCIAL (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

NET CONTENTS: (5 – Bulk) grams

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 long-sleeved shirt, long pants, socks, and chemical-resistant gloves and footwear during mixing, loading, application, clean-up and repair. Chemical-resistant gloves are not required while operating groundboom sprayers.
- 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 entry into treated areas during the restricted-entry interval (REI)of 12 hours.
- 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.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under **DIRECTIONS FOR USE**. Refer to attached booklet for more information.

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.

STORAGE:

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

DISPOSAL:
For recyclable containers:
DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of 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 no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

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 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.

Booklet

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- **KEEP OUT OF REACH OF CHILDREN.**
- Avoid contact with skin, eyes and clothing. Wear long-sleeved shirt, long pants, socks, and chemical-resistant gloves and footwear during mixing, loading, application, clean-up and repair. Chemical-resistant gloves are not required while operating groundboom sprayers.
- 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 entry into treated areas during the restricted-entry interval (REI)of 12 hours.
- Do not apply by air.

FIRST AID

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For health or environmental emergencies, ProPharma Group, 1-877-325-1840.
For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray 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 filter strip between the treated area and the edge of the water body.

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 wettable 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.
- Do not remove soil from treated fields for use on lawns, in gardens or for back fill.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

As this product is not registered for the control of pests in aquatic systems, DO NOT use to
of pests in aquatic systems, DO NOT use to
control aquatic pests.
DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

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

Field Sprayer Application: **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) medium classification. Boom height must be 60 cm or less above the crop or ground.

Spray Buffer zones:
A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage
- soil drench or soil incorporation.

The spray 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 shrub lands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	**Spray Buffer Zones (metres) Required for the Protection of:**		
	Freshwater Habitat of Depths:		**Terrestrial Habitat**
	Less than 1m	**Greater than 1 m**	
Field Sprayer	1	0	15

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

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

TANK MIXES:
This product may be tank mixed with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Nufarm Agriculture Inc. at 1-800-868-5444 for information before applying any tank mix that is not specifically recommended on this label.

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 thistle[4]/cleavers (1-3 whorls)/round leaved mallow[5]/scentless chamomile/Sow thistle[4]/ stork's bill (2-6 leaf)/toadflax[6]
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)/chickweed[1]/cocklebur[2]/corn spurry/cow cockle/false ragweed[2]/flixweed/giant	

ragweed[2]/hare's-ear mustard/hemp-nettle/Indian mustard/kochia[2]/lamb's quarters/plantain (common)/prickly lettuce/ragweed[2]/redroot pigweed/Russian pigweed[2]/Russian thistle/shepherd's purse/stinkweed/tartary buckwheat/tumble mustard/volunteer rapeseed/wild buckwheat[3]/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 thistle[4]/round leaved mallow[5]/scentless chamomile/sow thistle[4]/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.

<u>WHEAT (SPRING, DURUM, WINTER) AND SPRING BARLEY</u>

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 3) 2,4-D Ester LV600 4) Acid equivalent. =420 – 550 gms active/ha.	0.6-0.8 litres/hectare 0.7-0.9 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 2,4-D to the tank while maintaining agitation, then adjuvant. Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions.

WEEDS CONTROLLED

annual smartweed (green smartweed, lady's thumb)/ball mustard/burdocks (seedling)/chickweed[1]/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 rapeseed[2]/wild buckwheat[3]/wild mustard/wild radish/wormseed 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] 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.

WEEDS SUPPRESSED

Canada thistle[4]/round leaved mallow[5]/scentless chamomile/sow thistle[4]/toadflax (2,4-D 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. **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.

SPRING WHEAT (INCLUDING DURUM) AND SPRING BARLEY

NUFARM BOOST HERBICIDE + CORDON® Herbicide	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

NUFARM BOOST HERBICIDE + CORDON Herbicide + MCPA Ester 500	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

NUFARM BOOST HERBICIDE + ACCORD*	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River Region) 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 1-8 cm 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 of 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 Interior of British Columbia (including the Peace River region) 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.. 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 Interior of British Columbia (including the Peace River region) 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.		

NUFARM BOOST HERBICIDE + ATTAIN* HERBICIDE TANK MIX		
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.		

<u>SPRING WHEAT (EXCLUDING DURUM) AND SPRING BARLEY</u>

NUFARM BOOST HERBICIDE + AXIAL* 100EC Herbicide	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.

NUFARM BOOST HERBICIDE + AXIAL 100EC Herbicide + MCPA Ester 500	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.
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 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.	

NUFARM BOOST HERBICIDE + BANVEL* II Herbicide
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

NUFARM BOOST HERBICIDE + CURTAIL* M	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

NUFARM BOOST HERBICIDE + LONTREL* 360
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

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 **Lontrel 360**	20 grams/hectare 0.21 litres/hectare
Choose one of the following: 1) MCPA Ester (500 g/L) 2) 2,4-D Ester (600 g/L)	 0.84 litres/hectare 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.	

SPRING WHEAT (INCLUDING DURUM)

NUFARM BOOST HERBICIDE + SIGNAL Herbicide	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.	

NUFARM BOOST HERBICIDE + MCPA ESTER 500 + SIGNAL® Herbicide	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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.

NUFARM BOOST HERBICIDE + ACCORD + SIGNAL Herbicide	
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace River region) 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: Do not graze treated crops or cut for hay within 77 days of application.	

<u>SPRING WHEAT (EXCLUDING DURUM)</u>

NUFARM BOOST HERBICIDE + SIGNAL Herbicide + BANVEL II Herbicide
LOCATION: For use in the prairie provinces and Interior of British Columbia (including the Peace

River region) 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.	

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 the uses described in this section of the label were developed by persons other than **Nufarm Agriculture Inc**. under the User Requested Minor Use Label Expansion program. For these uses, **Nufarm Agriculture Inc.** has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

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.

1. Fill the spray tank ¼ to 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 by-pass 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 within a 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 integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), 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 or to report suspected resistance, contact Nufarm Agriculture Inc. at 1-800-868-5444 or at www.nufarm.ca.

STORAGE:

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

DISPOSAL:

For recyclable containers:

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of 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 container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

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.

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