

SLEEVE

GROUP	1	HERBICIDE
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NUFARM

SIGNAL

Herbicide

Emulsifiable Concentrate

**FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND INTERIOR OF BRITISH COLUMBIA
(INCLUDING THE PEACE RIVER REGION) ONLY**

A post emergence herbicide for control of wild oats, volunteer (tame) oats, green foxtail, yellow foxtail, barnyard grass, Persian dandelion and volunteer canary seed in spring wheat and Durum wheat.

COMMERCIAL



CAUTION

POISON

WARNING – EYE & SKIN IRRITANT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
REGISTRATION NO. 30168 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT:
Clodinafop-propargyl ... 240 g/L

(1 litre – Bulk litres)

Nufarm Agriculture Inc.
5101-333, 96th Avenue NE
Calgary, AB T3K 0S3
Canada

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

PRECAUTIONS:

CAUTION – POISON.

WARNING – EYE & SKIN IRRITANT.

HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

KEEP OUT OF REACH OF CHILDREN.

May cause irritation of eyes. Do not wear contact lenses when using. Avoid inhalation of vapour or spray mist. DO NOT get in eyes or on skin. Avoid contact with clothing. Do not take internally. Use only in a well-ventilated area.

If mixing and loading more than 15 kg a.i. in a day, workers must use a closed mixing/loading system.

Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), socks and shoes during mixing, loading, clean-up and repair.

For application using ground equipment: Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), socks and shoes. Gloves and protective eyewear (goggles or face shield) are not required during application within a closed cab.

For application using aerial equipment: Wear a long-sleeved shirt, long pants, socks and shoes. Gloves are not required during application within a closed cockpit.

Wash gloves thoroughly with soap and water before removal.

Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before reuse. Wash thoroughly with soap and water after handling and before eating, drinking or smoking.

Do not eat, drink or smoke while mixing, loading or during application.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Apply only to agricultural crops when the potential for drift to areas of human habitation and 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.

ENVIRONMENTAL PRECAUTIONS:

- TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- TOXIC to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- The residues of this product demonstrate the properties and characteristics associated with chemicals detected in ground water. The use of clodinafop-propargyl products in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.
- 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 contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Do not apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats.

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 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 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 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:

Do not induce vomiting. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically for ingestion and/or skin and eye contact.

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.

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 rinsing 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 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.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on this 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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Apply only to agricultural crops when the potential for drift to areas of human habitation and 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.

ENVIRONMENTAL PRECAUTIONS:

- TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- TOXIC to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- The residues of this product demonstrate the properties and characteristics associated with chemicals detected in ground water. The use of clodinafop-propargyl products in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.
- 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 contains an active ingredient and aromatic petroleum distillate which are toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Do not apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats.

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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.

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NOTICE TO USER:

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GENERAL INFORMATION

NUFARM SIGNAL HERBICIDE is a systemic, post-emergence herbicide for the selective control of wild oats, volunteer (tame) oats, green foxtail, yellow foxtail, barnyard grass, Persian dandelion and volunteer canary seed in all types of spring wheat and Durum wheat. Do not use NUFARM SIGNAL HERBICIDE on barley, as crop injury will occur. Do not apply this product using aerial application equipment except under conditions specified on this label.

NUFARM SIGNAL HERBICIDE is absorbed by the leaves and is rapidly translocated to the growing points of leaves and stems. Thorough coverage of the plants is essential for consistent control. Actively growing susceptible grasses stop growing within 48 hours of treatment. Depending on species, growing conditions and crop competition, leaves and growing points turn yellow within one to three weeks after application. Further colour changes and loss of vigour will be observed, followed by a browning and complete control three to five weeks after application.

Although NUFARM SIGNAL HERBICIDE does not control broadleaf weeds, NUFARM SIGNAL HERBICIDE can be tank-mixed with a wide range of broadleaf herbicides to provide broad-spectrum weed control in wheat. See section entitled "TANK MIXES OF NUFARM SIGNAL HERBICIDE WITH BROADLEAF WEED HERBICIDES" and refer to the appropriate Tank Mix section for ground and aerial application.

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 or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

A 30-day plant-back interval must be observed for all unlabelled crops.

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.

Aerial application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Reduce drift caused by turbulent wingtip vortices. The nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, NUFARM SIGNAL HERBICIDE is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to NUFARM SIGNAL HERBICIDE and other Group 1 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 SIGNAL HERBICIDE or other Group 1 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 rate; 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.

SPRAY BUFFER ZONES:

Spot treatments using hand-held equipment DO NOT require a spray buffer zone.

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 shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop		Spray Buffer Zones (metres) Required for the Protection of:		
			Freshwater Habitat of Depths:		Terrestrial Habitat:
			Less than 1 m	Greater than 1 m	
Field sprayer	Spring and durum wheat		1	0	1
Aerial	Spring and durum wheat	Fixed wing	1	0	20
		Rotary wing	1	0	20

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions 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.

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

APPLICATION AND MIXING INSTRUCTIONS:

MIXING INSTRUCTIONS-GROUND OR AERIAL APPLICATION:

1. Clean spray tank and half fill with clean water. Start agitation or bypass system.
2. If a broadleaf herbicide is to be used, add the product FIRST prior to adding NUFARM SIGNAL HERBICIDE and agitate for 2-3 minutes.
3. Add correct amount of NUFARM SIGNAL HERBICIDE.
4. Agitate for 2-3 minutes.
5. Add correct amount of Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score.
6. Agitate for 1-2 minutes before adding remainder of water and then maintain constant agitation.
7. After any break in spraying operations, agitate thoroughly before spraying again.
8. **Use the spray suspension as soon as it is prepared.**
9. If an oil film starts to build up in the tank, drain tank and then clean with a detergent.

SPRAYING INSTRUCTIONS - GROUND APPLICATION:

1. NUFARM SIGNAL HERBICIDE can be applied by ground or air. For aerial application instructions, refer to the section entitled "SPRAYING INSTRUCTIONS - AERIAL APPLICATION" which follows this section.
2. Water Volume: 50 to 100 litres per hectare when applied alone and a minimum of 100L/ha when tank-mixed with broadleaf herbicides
3. Spray Nozzles: 80° or 110° flat fan stainless steel nozzles are recommended for optimal spray coverage. Application of the spray mixture at a 45° angle in the direction of travel will result in improved spray coverage. Use 50 mesh nozzle screens. Do not use flood type nozzles, controlled droplet application equipment, spray foils, or hollow cone nozzles.
4. Pressure: 275-310 kPa.
5. Apply uniformly at 6-8 km/hr and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from an over application.
6. Do not contaminate streams, rivers, lakes, ponds, wetlands, sloughs, irrigation water, vegetated ditch banks, and water used by livestock or for domestic purposes. Do not apply within 15 meters of a wetland area or any of the aforementioned bodies of water.

SPRAYING INSTRUCTIONS - AERIAL APPLICATION:

1. NUFARM SIGNAL HERBICIDE can be applied by ground or by air. For ground application instructions, refer to the section entitled "SPRAYING INSTRUCTIONS – GROUND APPLICATION" which precedes this section.
2. Water Volume - Aerial application: Minimum of 30 litres per hectare when applied alone or when tank mixed with Buctril M.
3. Ensure uniform application. To avoid uneven or overlapped application, use appropriate marking devices. Do not use human flaggers.
4. Aerial drift is increased under certain meteorological conditions. DO NOT apply during periods of dead calm. Avoid application when winds are gusty. DO NOT apply when wind speed is greater than 15 km/hr at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification, with a volume medium diameter (VMD) greater than 350 microns. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing or rotor-span.

5. When a tank mixture is used, consult the label of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture.

SPRAYER CLEAN-UP:

1. Thoroughly clean application equipment immediately after spraying. Ensure that all traces of the product are removed. The following recommendations are provided:
2. Drain and flush tank walls, boom and all hoses for ten minutes with clean water. Do not clean the sprayer near desirable vegetation, wells, or other water sources.
3. Remove the nozzles and screens and wash separately.
4. Dispose of all rinsings in accordance with provincial regulations.
5. If a broadleaf tank-mix partner is used, always check tank-mix partner label for any additional clean up procedures.

GENERIC AERIAL APPLICATION LABEL INSTRUCTIONS:

Directions for Use

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices. No human flaggers are permitted.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified spray buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear coveralls over a long-sleeved shirt, long pants, chemical resistant gloves and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

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.

POST-EMERGENT CONTROL OF WEEDS IN SPRING AND DURUM WHEAT

NUFARM SIGNAL HERBICIDE can be used on all varieties of spring wheat and Durum wheat.

Observe minimum interval to harvest of 60 days after treatment.

Do not apply on barley or any crop other than spring wheat or Durum wheat, as crop damage will result. Do not allow spray to drift to adjacent fields seeded to crops other than spring wheat or Durum wheat.

Do not treat wheat underseeded to forages. Observe a minimum pre-harvest interval of 60 days after treatment for grain and straw and of 30 days after treatment for hay. Observe a minimum of seven (7) days before grazing livestock on treated crops.

WEEDS CONTROLLED:

Wild Oats,	Volunteer (Tame) Oats,
Green Foxtail,	Yellow Foxtail,
Barnyard grass,	Persian Darnel
Volunteer Canary Seed	

TIMING OF APPLICATION:

CROP	GROWTH STAGE	REMARKS
Spring wheat and Durum wheat	Prior to emergence of 4 th tiller	When tank-mixing with a broadleaf herbicide always refer to the label of the broadleaf partner prior to use.

WEED	GROWTH STAGE	REMARKS
Wild Oats	1 to 6 leaf stage on main stem	Prior to emergence of 4 th tiller.
Volunteer (Tame) Oats	3 to 6 leaf stage on main stem	Prior to emergence of 4 th tiller.
Green Foxtail and Yellow Foxtail (wild millet, pigeon grass)	1 to 5 leaf stage on main stem	For optimum control apply prior to emergence of the 3 rd tiller and while foxtail is actively growing.
Barnyard grass	1 to 5 leaf stage on main stem	For optimum control apply before tillering, and while barnyard grass is actively growing.
Persian Darnel	1 to 5 leaf stage on main stem	For optimum control apply before tillering, and while Persian darnel is actively growing.
Volunteer Canary Seed	1 to 6 leaf stage on main stem	Prior to emergence of 4 th tiller.

- For optimum results, apply NUFARM SIGNAL HERBICIDE to actively growing weeds. An early application will maximize crop yields by reducing weed competition. Weeds emerging after application of NUFARM SIGNAL HERBICIDE will not be controlled.
- Weed control following application of NUFARM SIGNAL HERBICIDE alone or in combination with broadleaf weed herbicides, can be reduced or delayed under stress conditions such as drought, heat, insufficient fertility, flooding or prolonged cool temperatures. Grass escapes or re-tillering may occur if application is made during prolonged stress conditions. Optimum weed

control will be obtained if application of NUFARM SIGNAL HERBICIDE is delayed until the stress conditions have ended and weeds are once again actively growing.

- NUFARM SIGNAL HERBICIDE alone can be used 30 minutes before rainfall.
- Do not apply to crop that is stressed by conditions such as frost, low fertility, drought, flooding, disease or insect damage as crop injury may result.

RATE OF USE FOR GROUND APPLICATION:

Apply the recommended rate of NUFARM SIGNAL HERBICIDE and the recommended rate of Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score in a minimum of 50 to 100 L of water per hectare.

NUFARM SIGNAL HERBICIDE ALONE	
Weeds Controlled:	WILD OATS VOLUNTEER (TAME) OATS GREEN FOXTAIL YELLOW FOXTAIL BARNYARD GRASS VOLUNTEER CANARY SEED
Application Method:	Ground - apply in 50 – 100 litres of water per hectare.
Application Rate:	230 mL/ha of NUFARM SIGNAL HERBICIDE + 0.25% v/v of Nufarm Enhance or 0.5% v/v Journey HSOC or Destinaire High Surfactant Oil Concentrate or 0.8% v/v of Score

NUFARM SIGNAL HERBICIDE ALONE	
Weeds Controlled:	WILD OATS VOLUNTEER (TAME) OATS GREEN FOXTAIL YELLOW FOXTAIL BARNYARD GRASS VOLUNTEER CANARY SEED PERSIAN DARNEL
Application Method:	Ground - apply in 50 - 100 litres of water per hectare.
Application Rate:	290 mL/ha of NUFARM SIGNAL HERBICIDE + 0.32% v/v of Nufarm Enhance or 0.5% v/v Journey HSOC or Destinaire High Surfactant Oil Concentrate or 1% v/v of Score

RATE OF USE FOR AERIAL APPLICATION:

Apply the recommended rate of NUFARM SIGNAL HERBICIDE and the recommended rate of Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score in a minimum of 30 L of water per hectare.

NUFARM SIGNAL HERBICIDE ALONE	
Weeds Controlled:	WILD OATS
Application Method:	Aerial - apply in a minimum of 30 litres of water per hectare.
Application Rate:	230 mL/ha of NUFARM SIGNAL HERBICIDE + 0.25% v/v of Nufarm Enhance or 0.5% v/v Journey HSOC or Destinaire High Surfactant Oil Concentrate or 0.8% v/v of Score

NUFARM SIGNAL HERBICIDE ALONE	
Weeds Controlled:	WILD OATS YELLOW FOXTAIL GREEN FOXTAIL PERSIAN DARNEL
Application Method:	Aerial - apply in 30 litres of water per hectare.

Application Rate:	290 mL/ha of NUFARM SIGNAL HERBICIDE + 0.32% v/v of Nufarm Enhance or 0.5% v/v Journey HSOC or Destinaire High Surfactant Oil Concentrate or 1.0% v/v of Score
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TANK MIXES:

NUFARM SIGNAL HERBICIDE is recommended in tank mix with other products. Follow **all instructions** for mixing, spraying precautions, limitations, crop rotations, application timing, pre-harvest intervals etc. on labels of products tank mixed with NUFARM SIGNAL HERBICIDE.

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.

NUFARM SIGNAL HERBICIDE WITH BROADLEAF WEED HERBICIDES – GROUND APPLICATION:

For the control of Wild oats, green foxtail, broadleaf weeds:

Consult the label of the tank-mix partner for a list of broadleaf weeds controlled, rates, timing, recropping restrictions, grazing interval restrictions, recommendations for specific weeds, directions for use and precautions and follow the more restrictive label. When tank mixing always add the broadleaf herbicide(s) to the spray tank first; followed by NUFARM SIGNAL HERBICIDE, with Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score added last. For the appropriate rate of NUFARM SIGNAL HERBICIDE with Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score, refer to the 'RATE OF USE FOR GROUND APPLICATION' section of the label.

Partner product	Tankmix partner rate	Crop stage ¹
Dyvel* Herbicide Agricultural	1.25 L/ha	2 to 5 leaf
Refine Extra *2 75DF Herbicide	20 g/ha	2 leaf to flag leaf
Buctril *M	1.0 L/ha	2 leaf to flag leaf
Mextrol* 450 Liquid Herbicide	1.25 L/ha	2 leaf to flag leaf
Estoprop* Plus Liquid Herbicide / Turboprop* / Dichlorprop*-D	1.75 L/ha	4 leaf to early flag leaf (shot blade)
Lontrel 360EC + MCPA Ester (assume 600 series)	280 - 420 mL/ha 920 mL/ha	3 leaf to flag leaf
Curtail* M Herbicide	1.5 to 2.0 L/ha	3 leaf to just before flag leaf
Thumper* EC	1.0 L/ha	4 leaf to flag leaf
Approve* Herbicide	1.24 L/ha	4 leaf to flag leaf
2,4-D Amine (assume 600 series) ³	700 mL to 920 mL/ha	3 leaf to flag leaf

MCPA Amine (assume 600 series) ³	700 mL to 920 mL/ha	3 leaf to flag leaf
MCPA Ester (assume 600 series)	700 mL to 920 mL/ha	3 leaf to flag leaf
Pardner*	1.0 L/ha	2 leaf to flag leaf
Koril* 235 Liquid Herbicide	1.2 L/ha	2 leaf to flag leaf
Ally* ²	7.5 g/ha	2 leaf to flag leaf
Attain* Herbicide Tank Mix	600 mL/ha of Attain A + 1.0 L/ha of Attain B	4 leaf to flag leaf

1. Always consult the label of the broadleaf herbicide prior to use.
2. Addition of surfactants other than Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score is not required.
3. A reduction in control of green foxtail and wild oats may be observed when NUFARM SIGNAL HERBICIDE is tank mixed with 2,4-D Amine and MCPA Amine.

Temporary crop injury may occur with tank-mixes under extreme weather conditions or when the crop is suffering from stress due to inadequate or abnormally high moisture levels or extreme temperatures.

NUFARM SIGNAL HERBICIDE WITH BROADLEAF WEED HERBICIDES – AERIAL APPLICATION:

Consult the label of the tank-mix partner for a list of broadleaf weeds controlled, rates, timing, recropping restrictions, grazing interval restrictions, recommendations for specific weeds, directions for use and precautions and follow the more restrictive label. When tank mixing always add the broadleaf herbicide(s), to the spray tank first; followed by NUFARM SIGNAL HERBICIDE, with Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score added last. For the appropriate rate of NUFARM SIGNAL HERBICIDE with Nufarm Enhance, Journey HSOC, Destinaire High Surfactant Oil Concentrate or Score, refer to the 'RATE OF USE FOR AERIAL APPLICATION' section of the label.

Use in a minimum of 30 L of water per hectare.

Partner product	Tankmix partner rate	Crop stage ¹
Buctril *M	1.0 L/ha	2 leaf to flag leaf

1. Always consult the label of the broadleaf herbicide prior to use.

Temporary crop injury may occur with tank-mixes under extreme weather conditions or when the crop is suffering from stress due to inadequate or abnormally high moisture levels or extreme temperatures.

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

The DIRECTIONS FOR USE for 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.

DIRECTIONS FOR USE IN THE OKANAGAN AND CRESTON FLATS REGION OF BC:

NUFARM SIGNAL HERBICIDE can be used for the control of wild oats, green foxtail and yellow foxtail in spring wheat and durum wheat in the Okanagan and Creston Flats Regions of British Columbia. For information on crop and weed stages, rates of application, mixing and spraying instructions and precautions see the appropriate sections elsewhere on this label.

* All products listed are trademarks of their respective companies.