

2023-3422  
2023-11-06

(Sleeve)

GROUP

4

HERBICIDE

## TruSlate™ Pro Herbicide

### Emulsifiable Concentrate

COMMERCIAL (AGRICULTURAL)

Annual and perennial broadleaf postemergence control in wheat (spring, winter and durum), spring barley and oats.

#### ACTIVE INGREDIENTS:

MCPA, present as 2-ethylhexyl ester.....210 g a.e./L  
Fluroxypyr (present as 1-methylheptyl ester) ..... 77 g a.e./L  
Clopyralid.....60 g a.e./L

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**

DANGER  
EYE AND SKIN IRRITANT

REGISTRATION NO.: 34546 PEST CONTROL PRODUCTS ACT

Net Contents: (0.5 – Bulk) Litres

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

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

2023-3422  
2023-11-06

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

Severely irritating to the eye. DO NOT get in eyes. May irritate the skin. Avoid contact with skin. Avoid breathing spray mist or vapour. DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

DO NOT use in residential areas. Residential areas are defined as any use site where bystanders or the public, including children, could be exposed during or after application. This includes areas in and around homes, schools, public buildings or any other areas where they could be exposed.

### **PROTECTIVE CLOTHING AND EQUIPMENT**

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and rubber boots during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab or cockpit.

### **OPERATOR USE PRECAUTIONS**

Wear freshly laundered clothing and clean protective equipment daily. At completion of spraying or end of the day take a shower immediately. Wash thoroughly with soap and water before eating, drinking, smoking or using the toilet. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse. If herbicide penetrates clothing, remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

### **PHYSICAL OR CHEMICAL HAZARDS**

**COMBUSTIBLE.** Do not use or store near heat or open flame. Use only in a well-ventilated area.

### **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 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.

**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.

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

2023-3422  
2023-11-06

### **TOXICOLOGICAL INFORMATION**

THIS PRODUCT CONTAINS A PETROLEUM DISTILLATE. 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.

### **AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, fertilizers, drugs or clothing.

### **ENVIRONMENTAL PRECAUTIONS**

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater 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 filter strip between the treated area and the edge of the water body.

### **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 in original tightly closed 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. Do not contaminate food, feedstuffs or domestic water supplies. 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 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 requirements.

2023-3422  
2023-11-06

**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 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 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.

TruSlate™ is a trademark of Nufarm Agriculture Inc.

2023-3422  
2023-11-06

(Booklet)

GROUP	4	HERBICIDE
-------	---	-----------

## TruSlate™ Pro Herbicide

**Emulsifiable Concentrate**

COMMERCIAL (AGRICULTURAL)

Annual and perennial broadleaf postemergence control in wheat (spring, winter and durum), spring barley and oats.

ACTIVE INGREDIENT:

MCPA, present as 2-ethylhexyl ester.....210 g a.e./L

Fluroxypyr (present as 1-methylheptyl ester) ..... 77 g a.e./L

Clopyralid.....60 g a.e./L

**READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**

DANGER

EYE AND SKIN IRRITANT

REGISTRATION NO.: 34546 PEST CONTROL PRODUCTS ACT

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

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

2023-3422  
2023-11-06

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

Severely irritating to the eye. DO NOT get in eyes. May irritate the skin. Avoid contact with skin. Avoid breathing spray mist or vapour. DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

DO NOT use in residential areas. Residential areas are defined as any use site where bystanders or the public, including children, could be exposed during or after application. This includes areas in and around homes, schools, public buildings or any other areas where they could be exposed.

### **PROTECTIVE CLOTHING AND EQUIPMENT**

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and rubber boots during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab or cockpit.

### **OPERATOR USE PRECAUTIONS**

Wear freshly laundered clothing and clean protective equipment daily. At completion of spraying or end of the day take a shower immediately. Wash thoroughly with soap and water before eating, drinking, smoking or using the toilet. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse. If herbicide penetrates clothing, remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

### **PHYSICAL OR CHEMICAL HAZARDS**

**COMBUSTIBLE.** Do not use or store near heat or open flame. Use only in a well-ventilated area.

### **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 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.

**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.

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

2023-3422  
2023-11-06

### **TOXICOLOGICAL INFORMATION**

THIS PRODUCT CONTAINS A PETROLEUM DISTILLATE. 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.

### **AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, fertilizers, drugs or clothing.

### **ENVIRONMENTAL PRECAUTIONS**

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater 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 filter strip between the treated area and the edge of the water body.

### **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 in original tightly closed 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. Do not contaminate food, feedstuffs or domestic water supplies. 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 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.

2023-3422  
2023-11-06

#### **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 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 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.

#### **GENERAL INFORMATION**

**TruSlate Pro Herbicide** is a selective postemergence herbicide for the control of broadleaved weeds in spring wheat, durum wheat, winter wheat, spring barley and oats (not underseeded to legumes).

**TruSlate Pro Herbicide** provides control of annual broadleaved weeds, hard-to-kill annual broadleaved weeds and perennial broadleaved weeds. The components of **TruSlate Pro Herbicide** move within the plant to control exposed and underground plant tissues. It mimics naturally occurring plant hormones which control weeds by disrupting normal plant growth patterns. Symptoms of effect include epinasty (twisting of the stems) and swollen nodes.

#### **GENERAL USE PRECAUTIONS**

READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE.

- 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.
- DO NOT APPLY TO CROPS UNDERSEEDDED WITH LEGUMES.
- Do not use in greenhouses.
- 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.

#### **To minimize spray drift to non-target areas:**

1. Minimize drift by using sufficient spray volume to ensure coverage with ASAE coarse droplet size spray.
2. Keep ground-driven spray booms as low as possible and not exceeding 60 cm above the target surface.
3. Spray when wind is less than 8 km/hr.

Do not spray in dead calm near sensitive plants. The “cloud” of suspended droplets may drift onto sensitive plants when the wind comes up. Spray only when wind is blowing away from a sensitive crop, shelterbelt or garden.

Extreme growing conditions such as:

- Drought or near freezing temperatures prior to, at and following time of application may reduce weed control and increase the risk of crop injury at all stages of growth.

2023-3422  
2023-11-06

- Wet foliage at the time of application may result in reduced weed control.
- Over-application may result in crop injury.
- Make only 1 application per year.
- Do not apply through any type of irrigation system.

#### **SPRAYER CLEANUP:**

To avoid subsequent injury to crops, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of **TruSlate Pro Herbicide** from mixing and spray equipment as follows:

- Drain tank; then flush tank, boom and hoses with clean water for a minimum of ten minutes.
- Next, prepare a sprayer cleaning solution by adding 3 litres of ammonia (containing at least 3% active) per 100 litres of clean water. Prepare sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush the tank, hoses, spray boom and spray nozzles.
- If possible, leave the ammonia solution or fresh water left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage to dissolve and dilute any remaining traces of herbicide.
- Nozzles and screens may be cleaned separately in a bucket containing cleaning agent and water.

#### **SENSITIVE PLANTS**

Do not apply **TruSlate Pro Herbicide** directly to, or otherwise permit it to come in direct contact with susceptible crops or desirable plants including alfalfa, edible beans, canola, flowers, fruit, and ornamentals, lentils, lettuce, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes or tobacco.

#### **ROTATIONAL CROP RESTRICTIONS**

Fields previously treated with **TruSlate Pro Herbicide** can be seeded to wheat, barley, oats and rye (not under-seeded to forage legumes, clover or alfalfa), canola, field peas, flax, forage grasses, mustard, or can be summer-fallowed. Seed only those crops listed above in the year following treatment. Do not seed to field peas for at least 10 months following treatment. Very dry soil conditions following application can result in a risk of injury to field peas grown in rotation. If severe drought conditions are experienced during the months of June to August inclusive in the year of application, delay seeding field peas an additional 12 months (total 22 months following application). Contact your local Nufarm Agriculture Inc. representative or retailer for more information before seeding field peas following drought conditions in the previous year.

#### **PRE-HARVEST/GRAZING INTERVALS**

- Do not cut or graze treated fields of wheat, barley or oats within 7 days after application.
- Do not harvest wheat, barley or oats within 60 days after application, or within 7 days after application when harvesting for forage.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

#### **Tank Mixtures**

This product may be tank mixed with a fertilizer, or 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

2023-3422  
2023-11-06

before applying any tank mix that is not specifically recommended on this label.

### **DIRECTIONS FOR USE**

**TruSlate Pro Herbicide**, applied with ground or aerial application equipment (see Application Directions section), will provide wide spectrum broadleaved weed control in spring wheat, durum wheat, winter wheat, spring barley and oats.

#### **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) coarse 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. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotor span.

#### **DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.**

To control the following weeds apply a uniform spray containing 1.24 L/ha of **TruSlate Pro Herbicide**.

#### **Weeds Controlled**

burdock	prickly lettuce
Canada thistle (low infestations)	ragweeds
Canada fleabane	shepherd's purse
cleavers (1-8 whorls)	stinkweed
cocklebur	stork's-bill (1-8 leaf)
field horsetail *	sunflower, annual
flax, volunteer (1-12 cm)	sunflower, volunteer
flixweed (spring seedling 2-4 leaf)	vetch
kochia **	wild buckwheat (1-8 leaf)
lamb's-quarters	wild mustard
plantain *	wild radish

#### **Weeds Suppressed**

Chickweed, common (up to 6 cm)\*\*  
Hemp-nettle (2-6 leaf)

\* Top growth control only

\*\* Including biotypes resistant to Group 2 herbicides that inhibit the ALS enzyme.

**NOTE: TruSlate Pro 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

2023-3422  
2023-11-06

heavy infestations exist.

### **Timing of Application**

Apply postemergence when weeds are in the seedling stage (2-4 leaf) and when spring wheat, durum wheat, spring barley and oats are in the 3-leaf to just before the flag leaf emergence stage. Apply to winter wheat in the spring from the 3-tiller stage to just before the flag leaf stage. Do not apply later than the flag-leaf emergence stage. Maximum of 1 application per year.

### **Mixing Instructions**

1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of **TruSlate Pro Herbicide**.
4. Fill the sprayer tank with sufficient water (see water volumes in Application Directions section). Maintain sufficient agitation in the spray tank during mixing and spraying to ensure a uniform spray mixture.
5. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g., canola and legumes).
6. Follow sprayer clean-up directions as listed.

### **APPLICATION DIRECTIONS (GROUND AND AERIAL APPLICATIONS)**

#### **(1) Ground Application**

Using ground equipment, apply **TruSlate Pro Herbicide** alone or with tank mix partners as a broadcast treatment. Apply **TruSlate Pro Herbicide** alone at the recommended rates in a spray volume of 50-100 L water/ha.

#### **(2) Aerial Application**

**Do not use human flaggers.**

Use **TruSlate Pro Herbicide** alone or tank mixed with a product registered for aerial application as a broadcast treatment. Apply the recommended rates of **TruSlate Pro Herbicide** and tank mix partner as indicated elsewhere on this label. Apply in a spray volume of 30-50 L water/ha.

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 swath marking devices.

2023-3422  
2023-11-06

### Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even 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.

### 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 a long-sleeved shirt, long pants, chemical-resistant gloves, socks, rubber boots and protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing should be laundered regularly.

### Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-868-5444 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: The interaction of many equipment-and-weather-related factors determine the potential for spray drift.

The following drift management requirement must be followed to avoid off-target drift movement from aerial applications: Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

### TANK MIXES WITH TRUSLATE PRO HERBICIDE FOR ANNUAL GRASS CONTROL

Tank mixtures of **TruSlate Pro Herbicide** with other herbicides will provide control of additional weeds. DO NOT USE THESE TANK MIXES ON OATS.

Herbicide Tank-mix Partner	Crops Registered	Rate of Herbicide Tank-mix Partner	Adjuvant Rate	Additional Weeds
Simplicity™	spring wheat, durum wheat, winter wheat	0.5 L/ha		labelled grassy and broadleaved weeds
Puma Advance Herbicide	spring wheat, durum wheat, spring barley	510 mL/ha  1.02 L/ha	None required	green foxtail only  green foxtail, wild oats & barnyard grass

**NOTE TO USER:** 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**

**SEEDLING AND ESTABLISHED TALL FESCUE GROWN FOR SEED:** For control of labelled weeds on seedling (4 leaf to flag leaf) or established tall fescue grown for seed. Apply one post-emergent application when weeds are at the 2-4 leaf stage. Ground application only. Do not cut treated fields for hay/forage. Do not graze treated fields.

Application rates: Apply **TruSlate Pro Herbicide** at a rate of 1.24 L/ha.

Apply in a minimum spray volume of 100 L water/ha.

#### **FORAGE GRASSES GROWN FOR SEED:**

Creeping Red Fescue

Intermediate Wheat Grass

Crested Wheat Grass

Meadow Brome Grass

Smooth Brome Grass

Timothy

Apply one application per year in a spray volume of 100-200 L/ha to control labelled weeds in seedling (4 leaf to flag leaf) or established forage grasses. Application should be made postemergence when weeds are in the 2-4 leaf stage. Apply in a broadcast spray using a hydraulic boom ground sprayer.

Application rates: **TruSlate Pro Herbicide** at 1.24 L/ha

Do not cut treated fields for hay/forage. Do not graze treated fields. Do not harvest the treated crop within 60 days of application.

#### **LABELLED ANNUAL AND PERENNIAL BROADLEAVED WEEDS IN CANARYSEED (*Phalaris canariensis*)**

For the control of labelled annual and perennial broadleaved weeds in canaryseed (*Phalaris canariensis*), apply **TruSlate Pro Herbicide** at a rate of 1.24 L/ha in a minimum of 100 L of water to thoroughly cover the weeds with a spray pressure of 200 to 275 kPa. Apply when weeds are in the seedling stage (2-4 leaf) and when canaryseed (*Phalaris canariensis*), is in the 3-leaf stage up to just before the flag leaf emergence stage. Apply using a ground boom sprayer or aerial sprayer, and apply only one post-emergent application per season. Do NOT apply within 60 days of harvest.

Annual canarygrass seeds may be harvested for human consumption. Annual canarygrass is NOT to be cut for feed or grazed.

Refer to the main **TruSlate Pro Herbicide** label for additional details and instructions before using.

READ THE ROTATIONAL CROPPING RESTRICTIONS ON FULL LABEL BEFORE USING THIS PRODUCT.

2023-3422  
2023-11-06

**Improved Pastures containing only forage grasses.**

**TruSlate Pro Herbicide** can be applied post emergence as a broadcast spray to control weeds in improved pastures that may eventually be rotated into annual cropland. Such pastures may contain non-native, tame or introduced forage grass species.

For pastures grown for seed please refer to the instructions listed in the above label section "Seedlings, established grasses and Tall fescue grown for seed".

DO NOT APPLY TO CROPS UNDERSEEDDED WITH LEGUMES.

Do not spray improved pastures if the injury to existing legume species cannot be tolerated. **TruSlate Pro Herbicide** will injure or eliminate legume plants (e.g. alfalfa, clover species).

**DIRECTIONS FOR USE**

Apply when weeds are in the 2-4 leaf stage and actively growing. Best results are obtained from applications made to seedling weeds. Only weeds emerged at the time of treatment will be controlled. Extreme growing conditions such as drought or near freezing temperature prior to, at, and following time of application may reduce weed control. Pastures in poor condition or under stress (e.g., over-grazed, nutrient deficient, etc.) could lead to reduced weed control as a result of limited competition from the pasture grasses. Foliage that is wet at the time of application may decrease control.

**Application rate: TruSlate Pro Herbicide** at 1.24 L/ha

**Weeds controlled:** Refer to the weeds controlled above with **TruSlate Pro Herbicide** at 1.24 L/ha.

**Restrictions:**

1. Do not permit lactating dairy animals to graze fields within 7 days after application.
2. Do not harvest forage or cut hay within 7 days after application.
3. Withdraw meat animals from treated fields at least 3 days before slaughter.

Refer to the main **TruSlate Pro Herbicide** label for additional details and instructions before using.

READ THE ROTATIONAL CROPPING RESTRICTIONS ON THE FULL LABEL BEFORE USING THIS PRODUCT.

**SPRAY BUFFER ZONES**

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

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) and estuarine/marine habitats.

Method of application	Crop		Spray Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Spring wheat, durum wheat, winter wheat, spring barley, seedling and established tall fescue grown for seed, seedling and established forage grasses grown for seed, canary seed, improved pastures		1	0	1	1	1
Aerial	Spring wheat, durum wheat, winter wheat, spring barley, seedling and established tall fescue grown for seed, seedling and established forage grasses grown for seed, canary seed	Fixed wing	4	0	1	1	70
		Rotary wing	1	0	1	1	55

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 labels 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.

#### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **TruSlate Pro Herbicide** is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to **TruSlate Pro Herbicide** and other Group 4 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 **TruSlate Pro Herbicide** or other Group 4 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.

2023-3422  
2023-11-06

- 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](http://www.nufarm.ca).

**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 any way that is inconsistent with the directions on the label.

TruSlate™ is a trademark of Nufarm Agriculture Inc.