

IMPORTANT NOTICE

This product is registered in both the U.S. and Canada. It has BOTH U.S. and Canadian Labelling.
You must follow ONLY the Canadian label WHEN USING THIS product in Canada.



Dow AgroSciences

SimplicityTM Herbicide

GROUP

2

HERBICIDE

AGRICULTURAL

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

WARNING/AVISO  **POISON**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ACTIVE INGREDIENTS/GUARANTEE:

PYROXSULAM:.....2.87%
Other Ingredients.....97.13%
Total.....100.00%

Contains petroleum distillates.

Equivalent to 0.25 lb per gallon or 30 g per liter of pyroxsulam.

Warning, contains the allergen soy.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

EYE AND SKIN IRRITANT

POTENTIAL DERMAL SENSITIZER

Harmful if swallowed. • Causes eye and skin irritation. Harmful if inhaled. Do not get in eyes or on skin. •

Prolonged or Frequently Repeated Skin Contact May Cause Allergic Reactions in Some Individuals

FIRST AID

When seeking medical attention, take the container label if at all possible. If not, take information which identifies the product, that is, the product name and registration numbers.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center 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 center 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 center or doctor for further treatment advice.

If in eyes: Hold eyes 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. Call a poison control center or doctor for treatment advice.

In the U.S. - In case of emergency endangering health or the environment involving this product call 1-800-992-5994.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

AGRICULTURAL CHEMICAL

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

STORAGE

Store in original container in a secure, dry, heated storage. This product will freeze at 14°F/-10°C. Do not store below 15°F/-9°C. Allow product to warm above 45°F/7°C before using and thoroughly mix the product prior to use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. To prevent contamination, store this product away from food or feed.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or disposing of wastes.

In Canada – Refer to DIRECTIONS FOR USE in the label booklet for additional buffer zone information.

IN THE UNITED STATES

- **Agricultural Use Requirements** - Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.
- **It is a violation of United States law to use this product without having obtained the United States label at the time of purchase and following the U.S. label at the time of application.**
- **Notice:** Read the entire label. Use only according to label directions. **Before using this product, read "Warranty Disclaimer," "Inherent Risks of Use," and "Limitation of Remedies" at end of label booklet. If terms are unacceptable, return at once unopened.**

IN CANADA

- **FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY**
- **NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

Net Contents: ___gal/___L

EPA Reg. No. 62719-568 / EPA Est. _____
Registration No. 28887 Pest Control Products Act

Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268 U.S.A.

In the U.S. - In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

In Canada - For product information, call 1-800-667-3852 or visit our web site at www.dowagro.ca.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN

Harmful if Swallowed • Causes eye and skin irritation. Harmful if inhaled. Do not get in eyes or on skin • Prolonged or Frequently Repeated Skin Contact May Cause Allergic Reactions in Some Individuals.

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

At all times: Wear clean clothing with full length sleeves and pants.

Wear coveralls over long sleeved shirt and long pants, chemical-resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean-up and repair. Wear goggles or face shield during mixing/loading. For closed cab or aerial application, coveralls and gloves are not necessary.

Apply only when there is a very low risk of drift to areas of human habitation or activity, such as houses, cottages, schools and recreational areas. To determine the risk of drift, take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

At completion of spraying or end of the day: Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. 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.

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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 center 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 center or doctor for further treatment advice.

If in eyes: Hold eyes 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. Call a poison control center or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

AGRICULTURAL CHEMICAL

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

STORAGE

Store in original container in a secure, dry, heated storage. This product will freeze at -10°C. Do not store below -9°C. Allow product to warm above 7°C before using and thoroughly mix the product prior to use. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. To prevent contamination, store this product away from food or feed.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow. This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms.

DISPOSAL

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.

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).

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.

GENERAL INFORMATION

Simplicity is a selective postemergence herbicide for the control of wild oats and certain broadleaved weeds in spring wheat, durum wheat and winter wheat not underseeded with legumes. Simplicity is mixed with water and applied as a uniform broadcast spray. It is non-corrosive, nonflammable, and nonvolatile.

Simplicity must be applied early postemergence, to the main flush of actively growing wild oats and broadleaved weeds. Conditions favouring active weed growth enhance the activity of Simplicity 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 re-growth may occur. For best results, ensure thorough spray coverage of target weeds. See "DIRECTIONS FOR USE" section of this label for complete use details.

Simplicity 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.

MODE OF ACTION

Simplicity inhibits the production of the ALS enzyme in plants. This enzyme is essential for the production of certain amino acids which are essential for plant growth. Simplicity is a Group 2 mode of action herbicide.

GENERAL USE PRECAUTIONS

Non-Target Sites

Do not apply where proximity of susceptible crops (e.g. canola and legumes) or other desirable plants is likely to result in exposure to spray or spray drift. See Environmental Hazards section of the label.

Crop Rotation

Fields previously treated with Simplicity can be seeded 11 months following an application of Simplicity, with the following crops: barley, brown mustard, canola, dry bean (of the species *Phaseolus vulgaris*), flax, canola quality Brassica juncea, lentils, oats, field peas, chickpea, spring wheat, soybean and yellow mustard or fields can be summerfallowed. Fields previously treated with Simplicity can be seeded 10 months following an application of Simplicity with the following crops: sunflower and potatoes.

Tank Mixtures

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or www.dowagro.ca for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Dow AgroSciences Canada Inc.

Spray Equipment Precaution

Do not apply through any type of irrigation system.

Sprayer Clean-Out Instructions

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. First rinse:
 - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
 - Agitate and circulate for 15 minutes, and flush through booms and hoses.
 - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
 - Drain tank completely.
3. Second rinse:
 - Fill the tank with clean water.
 - Add All Clear Spray Tank Decontaminator, or Clean-Out Spray Tank Cleaner, or 1 L of household ammonia (containing a minimum of 3 % ammonia) per 100 L of water, or similar tank cleaning agent as per manufacturer's recommendations while filling the tank with clean water.
 - Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
 - If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
 - After flushing the boom and hoses, drain tank completely.
 - Remove nozzles and screens and clean separately with a cleaning agent or an ammonia solution (100 mL in 10 L water).

4. Third rinse:

- Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
- Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
- Drain tank completely.

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

DIRECTIONS FOR USE

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE. DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.

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

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) 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) coarse classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

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

SIMPLICITY ALONE

Application Directions - Spring Wheat, Durum wheat

Apply Simplicity at a rate of 500 mL per hectare. Add non-ionic surfactant (Agral 90, AgSurf or Surf 92) at 0.25 v/v (0.25 L per 100 L of spray solution). Apply using aerial equipment or ground equipment that will assure uniform coverage. See table below for weeds species controlled. Simplicity will control only emerged weeds. Weeds that germinate after application will not be controlled.

Weeds Controlled or Suppressed with Simplicity

Weeds Controlled:

barnyard grass (1-5 leaf)	foxtail, yellow (1-5 leaf)
brome, Japanese (1-6 leaf)	hemp nettle (1-8 leaf)
canola, volunteer [†] (1-6 leaf)	oats, wild (up to 4 leaf, 2 tiller)
chickweed, common (up to 10 cm)	pigweed, red-root (1-8 leaf)
cleavers (up to 6 whorl)	round-leaved mallow (up to 6 leaf stage, <10 cm in size)
corn spurry (up to 2 whorl stage, <10 cm in height)	smartweed (lady's-thumb, 1-5 leaf)
cow cockle (up to 8 leaf)	shepherd's purse (up to 30 cm tall)
flixweed (up to 10 cm)	stinkweed (up to 30 cm tall)

[†]will not control volunteer Imidazolinone-tolerant canola

Weeds Suppressed:

brome, downy (2-6 leaf, 4 tillers)	foxtail, green (1-5 leaf)
dandelion (seedlings and over-wintered rosettes less than or equal to 20 cm)	wild buckwheat (1-4 leaf)
	Canada thistle (up to 30 cm tall, prebud)
	Russian thistle (up to 10 cm tall)

Application Timing

Apply to actively growing wheat from the 3 leaf stage to before the flag leaf stage. Apply when weeds are actively growing: grass weeds up to the 4 leaf, 2 tiller stage and broadleaved weeds as indicated in the table above. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. Extreme growing conditions such as drought or near freezing temperature prior to, at or following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Under conditions of low crop and high weed density, control may be reduced.

Application Directions - Winter Wheat (Fall or Spring Application) for Downy Brome

Simplicity applied in the fall will provide control of downy brome while a spring application will provide suppression. Apply Simplicity at a rate of 500 mL per hectare. Add BASF Assist Oil Concentrate at 0.8% v/v (0.8 L/100 L of spray mixture) or Merge Adjuvant at 0.5% v/v (0.5 L/100 L of spray mixture; spring application only). Apply using aerial equipment or ground equipment that will assure uniform coverage. In addition to suppression of downy brome when applied in the spring Simplicity will also control/suppress weeds listed. Simplicity will control only emerged weeds. Weeds that germinate after application will not be controlled.

Application Timing

Apply in the fall when winter wheat is in the 1-3 leaf stage or in the spring when winter wheat is in the 2-7 leaf, 4 tiller stage. For fall applications, apply when downy brome is actively growing at the 1 to 3 leaf stage; for spring applications, apply when weeds are actively growing at the stages indicated. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds. Extreme growing conditions such as drought or near freezing temperature prior to, at or following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Under conditions of low crop and high weed density, control may be reduced.

Occasionally slight yellowing or height reduction may be observed in the treated crop. These transient symptoms disappear within 14 days with no reduction to yield. Do not apply to crops suffering from drought, nutrient deficiency or exposed to frost or other agronomic factors affecting plant growth.

If foliage is wet at the time of application control may be decreased. Applications of Simplicity are rainfast within 2 hours after application.

Mixing Instructions

1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Simplicity
4. Fill the sprayer tank with sufficient water to spray 30-100 L of spray mixture per hectare.
5. Add non-ionic surfactant (Agral 90, AgSurf or Surf 92) at 0.25 v/v (0.25 L per 100 L of spray solution)
6. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g. canola and legumes).
7. Follow sprayer clean-up directions.

Pre-harvest/Grazing Intervals

Livestock may be grazed on treated crops 7 days following application. Do not harvest the treated crop within 60 days after application.

TANK MIX COMBINATIONS – FOR USE IN SPRING WHEAT AND DURUM WHEAT ONLY

Simplicity can be tank mixed with herbicides and/or fungicides as indicated in the table below. When a tank mixture is used, consult the labels of the tank-mix partners for additional instructions, precautions, and weeds controlled. **Do not use non-ionic surfactant with Simplicity when tank mixing with registered broadleaved herbicide or fungicide tank mix partners.**

Tank Mix Combinations with Simplicity at 500 mL/ha in Spring Wheat and Durum Wheat

Herbicide Tank Mix Partner	Fungicide Tank-Mix Partner	Rate of herbicide TM partner (Product /ha)	Additional Pests Controlled
Simplicity alone	Tilt 250 E or Stratego 250 EC	500 mL/ha Consult fungicide tank-mix partner label for fungicide rates.	Consult fungicide tank-mix partner label for diseases controlled
Attain™ Herbicide Tank-Mix	Tilt 250 E or Stratego 250 EC	0.45 L/ha Attain A + 0.75 L/ha Attain B Consult fungicide tank-mix partner label for fungicide rates	stork's-bill (1-8 leaf) wild buckwheat + labelled weeds for Low Rate of Attain Herbicide Tank-Mix Consult fungicide tank-mix partner label for diseases controlled
Curtail™ M Herbicide		1.5 L/ha	annual sowthistle (1-5 leaf) consult label
Frontline™ XL Herbicide		1.25 L/ha	annual sowthistle (1-5 leaf) stork's-bill (1-8 leaf) consult label
Frontline Herbicide Tank-Mix		100 mL/ha Frontline A + 0.7 L/ha Frontline B	consult label
Frontline 2,4-D Herbicide Tank-Mix		66.7 mL/ha Frontline 2,4-D A + 667 mL/ha Frontline 2,4-D B	annual sowthistle (1-5 leaf) stork's-bill (1-8 leaf) wild buckwheat (1-7 leaf)+ weeds controlled by 2,4-D ester at 350 g a.e./ha ^{††}
Spectrum™ Herbicide		100 mL/ha Spectrum A + 1.5 L/ha Spectrum B	consult label

MCPA LV500	Tilt 250 E or Stratego 250 EC	0.7-1.1 L/ha Consult fungicide tank- mix partner label for fungicide rates	stork's-bill (1-8 leaf) ^{†††} wild buckwheat [†] + weeds labelled for this rate range of MCPA Consult fungicide tank-mix partner label for diseases controlled
Buctril M		1.0 L/ha	consult label
Refine Extra		20 gm/ha A registered adjuvant is required for this mixture.	consult label
Refine SG		30 g/ha A registered adjuvant is required for this mixture	consult label
PP-3317 Herbicide		30 g/ha A registered adjuvant is required for this mixture	consult label
PP-2525 Herbicide		30 g/ha A registered adjuvant is required for this mixture	consult label
Thumper Emulsifiable Selective Weedkiller		1.0 L/ha	consult label
Prestige™ XC Herbicide		0.31 L/ha Prestige XC A + 1.5 L/ha Prestige XC B	annual sowthistle (1-5 leaf) wild buckwheat (1-9 leaf) Russian thistle (2-10 cm high)
2,4-D Ester		280 g ae/ha (e.g., 425 mL/ha of 2,4-D ester 700)	Volunteer canola (1-6 leaf stage)* Lamb's quarters (1-6 leaf stage) *Including Imidazolinone- tolerant volunteer canola
MCPA Ester		280 g ae/ha (e.g., 465 mL/ha of MCPA ester 600)	Volunteer canola (1-6 leaf stage)* Lamb's quarters (1-6 leaf stage) *Including Imidazolinone- tolerant volunteer canola
OctTain XL Herbicide		1.1 L/ha	Consult label
Stellar™ A Herbicide + Stellar B Herbicide		1.0 L/ha Stellar A Herbicide + 580 mL/ha Stellar B Herbicide	Consult label

†For larger weeds or heavy infestations use MCPA at 1.1 L/ha

††Seedlings at the 2-4 leaf stage; actively growing mustard (except dog and green tansy), flixweed, bluebur, burdock, cocklebur, field horsetail (top growth control only), stinkweed, goats beard, prickly lettuce, hoary cress (top growth control only), kochia, lamb's-quarters, plantain, ragweeds, Russian knapweed, Russian thistle, shepherd's-purse, annual sunflower, sweet clover, vetch, wild radish

†††Use the 1.1 L/ha rate for control of stork's-bill

Tank Mix Combinations with Simplicity at 375 mL/ha in Spring Wheat and Durum Wheat Under Low Wild Oat Populations (<75 plants/m²)

Herbicide Tank Mix Partner	Fungicide Tank Mix	Rate (Product /ha)	Additional Weeds Controlled
Attain Herbicide Tank-Mix	Tilt 250 E or Stratego 250 EC	0.45 L/ha Attain A + 0.75 L/ha Attain B Consult fungicide tank-mix partner label for fungicide rates.	cow cockle (up to 8 leaf), wild oats, wild buckwheat (1-4 leaf) + labelled weeds for Low Rate of Attain Herbicide Tank-Mix Consult fungicide tank-mix partner label for diseases controlled
OcTTain XL Herbicide		1.1 L/ha	Consult label
Stellar A Herbicide + Stellar B Herbicide		1.0 L/ha Stellar A Herbicide + 580 mL/ha Stellar B Herbicide	wild oats + labelled weeds for Stellar A and Stellar B

Mixing Instructions

1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Simplicity
4. Add the correct amount of tank mix partner and continue to agitate.
5. Fill the sprayer tank with the remaining amount of water required.

Notes: Add only the adjuvant recommended. Follow tank mix partner label for order of mixing.

APPLICATION INSTRUCTIONS (GROUND AND AERIAL APPLICATIONS)

(1) Ground Application (Simplicity applied alone and with all tank mix partners)

Using ground equipment, apply Simplicity alone or with tank mix partners as a broadcast treatment. Apply Simplicity alone at the recommended rates in a spray volume of 30-100 L water / ha. When tank mixing refer to the label of the tank mix partner label for additional instructions, water volumes, precautions and weeds controlled.

(2) Aerial Application

Directions for Use

Do not use human flaggers.

Use Simplicity alone or in tank mix with either MCPA Ester or Buctril M as a broadcast treatment by air. Apply the recommended rates of Simplicity and either MCPA Ester or Buctril M as indicated above. Apply in a minimum spray volume of 30 L water / ha. Refer to the tank mix partner label for additional instructions, precautions and weeds controlled.

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.

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 chemical resistant gloves, coveralls 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 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 1-800-667-3852 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. Users are responsible for considering all these factors when making decisions.
- 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.

BUFFER ZONES

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:	
		Freshwater Habitat	Terrestrial Habitat
Field sprayer	Spring wheat, durum wheat, winter wheat	1	2
Aerial	Spring wheat, durum wheat, winter wheat	Fixed wing	70
		Rotary wing	60

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

The spray drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Simplicity is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Simplicity 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 Simplicity or other Group 2 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- 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 Dow AgroSciences Canada Inc. at 1-800-667-3852.

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

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Label Code: CN-28887-016-E
Replaces: CN-28887-015E

Specimen label notes:

Add Tank mix with Stellar and OcTTain XL