

2022-1401
2022-05-17

GROUP 1 HERBICIDE

HELLCAT® HERBICIDE

FOR SALE FOR USE IN SPRING WHEAT, DURUM WHEAT AND SPRING BARLEY IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA

EMULSIFIABLE CONCENTRATE

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: fenoxaprop-p-ethyl 120 g/L

REGISTRATION NUMBER: 30055 PEST CONTROL PRODUCTS ACT

CAUTION



POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING: EYE AND SKIN IRRITANT

NET CONTENTS: 6.2 L – Bulk

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC 1-800-424-9300 / +1 703-527-3887

NewAgco, Inc.
320 22nd Street East
Saskatoon (Sask.)
S7K 0H1 Canada
1-844-269-3276

Distributed by:
AgraCity Crop & Nutrition Ltd
320-22nd Street East
Saskatoon (Sask.)
S7K 0H1 Canada
1-844-269-3276

CANUCK®, CLOBBER®, FOXXY®, HELLCAT®, and MPOWER® are registered trademarks of AgraCity Crop & Nutrition Ltd or its affiliates.

2022-1401

2022-05-17

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Causes eye damage. Causes eye and skin irritation. DO NOT get in eyes. Avoid contact with skin and clothing. Avoid breathing spray mist or vapours. Protective eye equipment must be worn. To minimize exposure, the following precautions should be followed: Protective Clothing and Equipment: Wear coveralls over long-sleeved shirt and long pants during all activities. In addition, wear chemical resistant gloves and apron, socks and chemical resistant footwear, and goggles or face shield during mixing/loading, cleanup and repair activities. Change contaminated clothing daily and wash before reusing. DO NOT handle product with bare hands. Exposure may be significantly reduced by use of chemical resistant gloves. Gloves must be worn during mixing and loading operations and when making sprayer and nozzle repairs and adjustments. DO NOT USE LEATHER OR CLOTH GLOVES. Rinse gloves with soap and water before removal, and wash hands thoroughly before eating, smoking or drinking. Clean protective equipment daily.

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

DO NOT APPLY BY AIR.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca

FIRST AID:

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

IF SWALLOWED:

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

IF IN EYES:

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

IF ON SKIN OR CLOTHING:

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

IF INHALED:

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

TOXICOLOGICAL INFORMATION: This product contains materials that may cause severe pneumonitis if aspirated. Treat symptomatically for ingestion and/or skin and eye contact. This product contains PETROLEUM DISTILLATES. DO NOT INDUCE VOMITING. Medical personnel should contact CANUTEC 613-996-6666 (collect) or *666 (Cell) for medical information.

2022-1401

2022-05-17

ENVIRONMENTAL HAZARDS:

- **CAUTION:** This product is TOXIC to aquatic organisms, non-target terrestrial plants and some terrestrial invertebrates. Observe buffer zones specified under DIRECTIONS FOR USE. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems while applying this product.
- Overspray or drift to aquatic bodies of water, such as ponds, lakes, rivers, streams, irrigation water and terrestrial wildlife habitats such as wetlands, wood lots, shelterbelts, sloughs or dry slough borders, vegetated areas at the edge of bodies of water and other terrestrial wildlife habitats should be avoided.
- Leave a buffer zone of 10 metres between the last spray swath and the edge of any habitat. Do not apply to land where tail water will be used to irrigate crop land.
- Do not contaminate irrigation water.
- Avoid spray drift onto susceptible plants (e.g., Tame oats, flowers, trees or shrubs) and non-target areas.

USE ONLY FOR RECOMMENDED PURPOSES AT RECOMMENDED RATES.

STORAGE:

Keep away from fire, open flame and other sources of heat. DO NOT store below freezing. If stored for 1 year or longer, shake well before using. Store the original tightly closed container, away from feeds, seeds, fertilizers, plants and foodstuffs. Do not use or store in or around the home. Keep in original container during storage.

DISPOSAL:

RECYCLABLE CONTAINER:

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 CONTAINER:

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

RETURNABLE-REFILLABLE CONTAINERS:

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

DISPOSAL OF UNUSED, UNWANTED PRODUCT:

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 cleanup of spills.

DISPOSAL OF UNUSED SPRAY SOLUTION

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, NOT ON THE CROP, away from water supplies, ditches and irrigation canals.

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

2022-1401

2022-05-17

with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

2022-1401
2022-05-17

GROUP 1 HERBICIDE

HELLCAT® HERBICIDE

FOR SALE FOR USE IN SPRING WHEAT, DURUM WHEAT AND SPRING BARLEY IN THE PRAIRIE PROVINCES AND PEACE RIVER REGION OF BRITISH COLUMBIA

EMULSIFIABLE CONCENTRATE

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: fenoxaprop-p-ethyl 120 g/L

REGISTRATION NUMBER: 30055 PEST CONTROL PRODUCTS ACT

CAUTION



POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

WARNING: EYE AND SKIN IRRITANT

NET CONTENTS: 6.2 L – Bulk

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC 1-800-424-9300 / +1 703-527-3887

NewAgco, Inc.
320 22nd Street East
Saskatoon (Sask.)
S7K 0H1 Canada
1-844-269-3276

Distributed by:
AgraCity Crop & Nutrition Ltd
320-22nd Street East
Saskatoon (Sask.)
S7K 0H1 Canada
1-844-269-3276

CANUCK®, CLOBBER®, FOXXY®, HELLCAT®, and MPOWER® are registered trademarks of AgraCity Crop & Nutrition Ltd or its affiliates.

2022-1401

2022-05-17

For Product Information, Contact AgraCity Crop & Nutrition at 1-844-269-3276

PRODUCT SPECIFIC INFORMATION

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

HELLCAT HERBICIDE is a post-emergent herbicide that provides control of annual grassy weeds such as Wild Oats, Green Foxtail and Barnyard Grass in Spring Wheat, Durum Wheat and Spring Barley. Label recommendations must be followed closely or crop injury and a reduction in weed control will occur.

SAFETY AND HANDLING

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Causes eye damage. Causes eye and skin irritation. **DO NOT** get in eyes. Avoid contact with skin and clothing. Avoid breathing spray mist or vapours. Protective eye equipment must be worn. To minimize exposure, the following precautions should be followed: Protective Clothing and Equipment: Wear coveralls over long-sleeved shirt and long pants during all activities. In addition, wear chemical resistant gloves and apron, socks and chemical resistant footwear, and goggles or face shield during mixing/loading, cleanup and repair activities. Change contaminated clothing daily and wash before reusing. **DO NOT** handle product with bare hands. Exposure may be significantly reduced by use of chemical resistant gloves. Gloves must be worn during mixing and loading operations and when making sprayer and nozzle repairs and adjustments. **DO NOT USE LEATHER OR CLOTH GLOVES.** Rinse gloves with soap and water before removal, and wash hands thoroughly before eating, smoking or drinking. Clean protective equipment daily.

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

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca

FIRST AID AND TOXICOLOGICAL INFORMATION

FIRST AID:

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

IF SWALLOWED:

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

IF IN EYES:

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

IF ON SKIN OR CLOTHING:

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

IF INHALED:

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

TOXICOLOGICAL INFORMATION:

2022-1401

2022-05-17

This product contains materials that may cause severe pneumonitis if aspirated. Treat symptomatically for ingestion and/or skin and eye contact. This product contains PETROLEUM DISTILLATES. DO NOT INDUCE VOMITING. Medical personnel should contact **CHEMTREC** at 1-800-424-9300 for medical information.

2022-1401

2022-05-17

ENVIRONMENTAL HAZARDS AND INFORMATION:

CAUTION: This product is TOXIC to aquatic organisms, non-target terrestrial plants and some terrestrial invertebrates. Observe buffer zones specified in DIRECTIONS FOR USE. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems while applying this product. Overspray or drift to aquatic bodies of water, such as ponds, lakes, rivers, streams, irrigation water and terrestrial wildlife habitats such as wetlands, wood lots, shelterbelts, sloughs or dry slough borders, vegetated areas at the edge of bodies of water and other terrestrial wildlife habitats should be avoided. Leave a buffer zone of 10 metres between the last spray swath and the edge of any habitat. Do not apply to land where tail water will be used to irrigate crop land. Do not contaminate irrigation water. Avoid spray drift onto susceptible plants (e.g., Tame oats, flowers, trees or shrubs) and non-target areas.

USE ONLY FOR RECOMMENDED PURPOSES AT RECOMMENDED RATES.

STORAGE:

- Keep away from fire, open flame and other sources of heat.
- DO NOT store below freezing.
- If stored for 1 year or longer, shake well before using.
- Store the original tightly closed container, away from feeds, seeds, fertilizers, plants and foodstuffs.
- Do not use or store in or around the home.
- Keep in original container during storage.

DISPOSAL OF CONTAINERS:

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.

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 spill, and for clean-up of spills.

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 spill, and for clean-up of spills.

RETURNABLE-REFILLABLE CONTAINERS

For disposal, this empty container may be returned to the point of purchase (distributor/dealer). The refillable container 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 spill, and for clean-up of spills.

2022-1401

2022-05-17

DISPOSAL OF UNUSED, UNWANTED PRODUCT:

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 cleanup of spills.

DISPOSAL OF UNUSED SPRAY SOLUTION:

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, NOT ON THE CROP, away from water supplies, ditches and irrigation canals.

APPLICATION INSTRUCTIONS AND CAUTIONS

DO NOT APPLY BY AIR

Ground Application.

- Application of **HELLCAT HERBICIDE** in Spring Wheat and Durum Wheat should be made using a minimum of 55-110 litres of water per hectare, and in Spring Barley in a minimum of 110 litres of water per hectare, at a pressure of 275 kPa, or 310 kPa if using check valves, and at a ground speed of 6-8 kph.
- When tank mixing **HELLCAT HERBICIDE** with a tank mix partner, ensure you read the tank mix partner label for minimum water recommendations.
- The use of 80° or 110° flat fan nozzles is recommended for optimum spray coverage.
- Do not use flood jet nozzles, controlled droplet application equipment or Sprafol® equipment.
- Application of the spray at a 45° angle forward and higher water volumes will result in better spray coverage and penetration of the crop canopy.
- Uniform, thorough coverage is important to obtain consistent weed control. Higher water volumes should be used under dense crop and weed canopies to ensure thorough coverage of the target weeds.
- Avoid overlapping; shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over-application.
- Do not apply if rain is expected within 1 hour after spraying. If tank mixing, consult the tank mix partner label and respect the most restrictive interval.

Application Cautions:

Do not apply to terrain where there is a potential for surface run-off to enter aquatic systems.

Do not apply when environmental conditions such as wind speed, temperature, relative humidity, etc., are favourable for drift to occur.

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 of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Wheat and barley	1	0	1

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

2022-1401

2022-05-17

MIXING INSTRUCTIONS

1. Ensure that the spray tank, lines and filter are thoroughly clean.
2. Fill the tank half-full with clean water and start agitation or bypass system.
3. If a tank mix partner is to be used, refer to the sections on tank mix combinations with **HELLCAT HERBICIDE**. Add the tank mix partner **FIRST** prior to adding **HELLCAT HERBICIDE**.
4. Slowly add the correct amount of **HELLCAT HERBICIDE** to the spray tank. Agitate thoroughly.
5. Triple rinse the emptied containers into the spray tank.
6. Add the remaining amount of water while agitation continues. Spray out immediately. Spray mixture should not be left in tank overnight.
7. When mixing second and subsequent tanks, ensure the tank is half-full of clean water prior to adding herbicide, and follow steps 2-6.
8. Thoroughly clean nozzles, screens and the spray tank by flushing with a water/detergent mixture after using **HELLCAT HERBICIDE** or before using any other pesticide.

SPRAYER CLEANUP

Clean Up Before You Spray:

Prior to using **HELLCAT HERBICIDE** ensure that the spray tank, lines and filter are thoroughly clean. All traces of **HELLCAT HERBICIDE** must be removed before equipment can be used on Rye, Flax, or broadleaf crops.

Clean Up After You Spray:

When using tank mixes, consult the tank mix partner label for additional cleanup instructions. Drain or flush equipment and containers away from wells, water sources, and desirable vegetation. To avoid subsequent injury to other crops, immediately after spraying and before spraying other crops, thoroughly remove all traces of **HELLCAT HERBICIDE** from mixing and spray equipment by flushing with a water/detergent mixture.

LIVESTOCK FEEDING AND PRE-HARVEST INTERVALS

Do not graze the treated crops or cut for hay; sufficient data are not available to support such use. Do not harvest for grain within 65 days of **HELLCAT HERBICIDE** application.

2022-1401

2022-05-17

DIRECTIONS FOR USE

CROP	RECOMMENDED STAGE
Spring and Durum Wheat	1-6 leaves on main stem plus 3 tillers (Zadoks 11-16,23)
Spring Barley	1-5 leaves on main stem plus 2 tillers (Zadoks 11-15,22)

Cautions:

- DO NOT APPLY BY AIR.
- DO NOT APPLY to Tame Oats as crop damage will occur.
- **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) medium classification. Boom height must be 60 cm or less above the crop or ground.
- **Durum Wheat:** Some initial reduction in crop tolerance (i.e. shortening or discoloration) may be observed after application. This is often a temporary situation and should not affect crop yield. This injury is more likely to occur when **HELLCAT HERBICIDE** is not tank mixed or when applied past the recommended leaf stage. Early application is important to maintain crop tolerance.
- **Spring Barley:** Some initial reduction in crop tolerance (i.e. shortening or discoloration) may be observed after application. Such injury symptoms are more frequent and often more pronounced in Spring Barley than in Durum Wheat. This reduction in crop tolerance is most likely to occur when applications are made under certain conditions of stress, such as cold and moist conditions or when applications are made past the 5 leaf, 2 tiller growth stage. Do Not Apply if cold temperatures (3°C or lower) are anticipated 2-3 days prior to or following **HELLCAT HERBICIDE** application on Spring Barley as injury is likely.
- Do not apply **HELLCAT HERBICIDE** to any field more often than once per year.

Annual Grassy Weeds	Recommended Stage
Wild Oats	1-6 leaf (up to emergence of 3rd tiller)
Green Foxtail (Wild Millet)	1-6 leaf (up to emergence of 3rd tiller)
Barnyard Grass	1-6 leaf (up to emergence of 3rd tiller)

Rates:

1. For control of Wild Oats, Green Foxtail and Barnyard Grass, apply **HELLCAT HERBICIDE** at 770 mL/ha.
2. Under low Wild Oat infestations, and when applying **HELLCAT HERBICIDE** alone in Spring Wheat and Durum Wheat, apply **HELLCAT HERBICIDE** at 670 mL/ha.
3. For Green Foxtail control only, apply **HELLCAT HERBICIDE** at 385 mL/ha.

Timing:

- Apply to emerged, actively growing weeds, according to the weed stages listed.
- Under stressed conditions and/or heavy crop canopy, early application will result in improved grassy weed control.
- If application of **HELLCAT HERBICIDE** is not possible due to uneven weed germination, or differential germination of weeds and crops, consult your local weed specialist or the provincial weed control guide for the best alternate method of weed control recommendations.
- If another pesticide has already been applied, wait 7 days before applying **HELLCAT HERBICIDE**. If another herbicide is intended to be applied following application of **HELLCAT HERBICIDE**, a 4 day interval is required before applying the other pesticide, except for those recommended on this label.
- Weeds that emerge after application will not be controlled.

Note: Treatment at the 3-4 leaf stage of crops and weeds usually combines maximum crop tolerance and weed susceptibility. Under stressed conditions and/or heavy crop canopy, earlier application will result in improved grassy weed control.

2022-1401
2022-05-17

Cautions:

- Application beyond the 6 leaf stage in Spring and Durum Wheats, or the 5 leaf stage in Spring Barley, may result in injury.
- Application of **HELLCAT HERBICIDE** must take place within the leaf stages outlined for all weeds on this label. Late application will result in reduced weed control.
- Application of **HELLCAT HERBICIDE** during periods of stress, when crop and weed plants are not actively growing, may result in reduced weed control and/or crop injury. When daytime temperatures before or after application are very hot, combined with very dry conditions and low humidity, plants are under stress.
- Do not apply to a crop that is stressed by severe weather conditions, frost, low fertility, drought, water-saturated soil, disease or insect damage, as crop injury may result.
- To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to increased runoff include, but are not limited to: heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine textured, or low in organic matter such as clay).
- Avoid application of this product when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip (buffer zone) between the treated area and the water body edge.

TANK MIXES

For control of Wild Oats, Green Foxtail, Barnyard Grass and broadleaf weeds, **HELLCAT HERBICIDE** can be tank mixed with the following tank mix partners. Always read the use directions, environmental restrictions and use precautions on the **HELLCAT HERBICIDE** label, and the tank-mix partner label. **Follow the more stringent of the two.**

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 AgraCity Crop & Nutrition Ltd. at 1-844-269-3276 or www.agracity.com 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 AgraCity Crop & Nutrition Ltd.

Weed Control in SPRING WHEAT and DURUM WHEAT

For control of Wild Oats, Green Foxtail, and Barnyard Grass in Spring and Durum Wheat grown in the Prairie Provinces and Peace River Region of British Columbia, mix **HELLCAT HERBICIDE** at 770 mL/ha alone, or with the tank mix partners listed in the Spring and Durum Wheat Table.

For control of **Green Foxtail only** in Spring and Durum Wheat grown in the Prairie Provinces and Peace River Region of British Columbia, mix **HELLCAT HERBICIDE** at 385 mL/ha alone, or with the tank mix partners listed in the Spring and Durum Wheat Table.

Note: Always consult **HELLCAT HERBICIDE** and tank mix partner labels for proper timing, weeds controlled, precautions, cropping restrictions, etc. and follow the more stringent of the two.

2022-1401

2022-05-17

WEED CONTROL IN SPRING WHEAT AND DURUM WHEAT				
Tank Mix Partner		Tank Mix Partner Rate	HELLCAT HERBICIDE RATE	
			Wild Oat Green Foxtail Barnyard Grass	Green Foxtail Only
1	Attain™ Attain A + Attain B	600 mL/ha + 1 L/ha	770 mL/ha	385 mL/ha
2	Thumper®	1 L/ha	770 mL/ha	385 mL/ha
3	Mecoprop (150 g active/Litre)	5.5-7 L/ha	770 mL/ha	NO
	Note: A reduction in Wild Oat control may be observed when HELLCAT HERBICIDE is applied in a tank mixture with Mecoprop.			
4	Unity® Unity 280EC + Unity 75WG	500 mL/ha + 10.7 g/ha	770 mL/ha	No
5	MCPA Ester 500	840 mL/ha	770 mL/ha	385 mL/ha
6	MCPA Amine 500	840 mL/ha	770 mL/ha	385 mL/a
7	Buctril M® OR CANUCK® HERBICIDE	1 L/ha	770 mL/ha	385 mL/ha
8	Buctril M Gel	3.72 L water soluble bag treats 4 ha	770 mL/ha	385 mL/ha
9	Refine Extra® or MPOWER® RX	20 g/ha	770 mL/ha	385 mL/ha
10	Refine Extra or MPOWER RX + MCPA Ester 500	20 g/ha + 840 mL/ha	770 mL/ha	385 mL/ha
	USE ONLY MCPA ESTER 500 in this tank mix and only at recommended rates. Failure to do so may result in reduced Wild Oat control. DO NOT USE MCPA AMINE.			
11	Ally	5 or 7.5 g/ha	770 mL/ha	385 mL/ha
12	Lontrel™ 360 or CLOBBER® HERBICIDE	420 ml/ha	770 mL/ha	385 mL/ha
13	Lontrel 360 or CLOBBER HERBICIDE + MCPA Ester 500	420 mL/ha + 840 mL/ha	770 mL/ha	No
	OR	OR		
14	Lontrel 360 or CLOBBER HERBICIDE + MCPA Ester 500	280 mL/ha + 840 mL-1.12 L/ha	770 mL/ha	No
	USE ONLY MCPA ESTER 500 in this tank mix and only at recommended rates. Failure to do so may result in reduced Wild Oat control. DO NOT USE MCPA AMINE.			
15	Curtail® M	1.5 - 2 L/ha	770 mL/ha	No
16	2,4-D Ester 600	700 mL/ha	770 mL/ha	385 mL/ha
17	2,4-D Ester LV 700	600 mL/ha	770 mL/ha	385 mL/ha
18	Estoprop®	1.75 L/ha	770 mL/ha	385 mL/ha
19	Dyvel® DS	1.1 L/ha	No	385 mL/ha
20	Dyvel	1.25 L/ha	No	385 mL/ha

2022-1401

2022-05-17

Weed Control in SPRING BARLEY

For control of Wild Oats, Green Foxtail, Barnyard Grass, and broadleaf weeds in Spring Barley grown in the Prairie Provinces and Peace River Region of British Columbia, mix **HELLCAT HERBICIDE** at 770 mL/ha with the appropriate tank mix partner indicated in the Spring Barley Table

For control of **Green Foxtail only** in Spring Barley grown in the Prairie Provinces and Peace River Region of British Columbia, mix **HELLCAT HERBICIDE** at 385 mL/ha with the tank mix partner indicated in the Spring Barley Table

Note: Always consult the **HELLCAT HERBICIDE** and the tank mix partner labels for proper timing, weeds controlled, precautions, cropping restrictions, etc. and follow the more stringent of the two.

WEED CONTROL IN SPRING BARLEY				
Tank Mix Partner		Tank Mix Partner Rate	HELLCAT HERBICIDE RATE	
			Wild Oat Green Foxtail Barnyard Grass	Green Foxtail ONLY
1	Thumper	1 L/ha	770 mL/ha	385 mL/ha
2	MCPA Ester 500	840 mL/ha	770 mL/ha	No
3	Buctril M or CANUCK HERBICIDE	1 L/ha	770 mL/ha	385 mL/ha
4	Buctril M Gel	3.72 L water soluble bag treats 4 ha	770 mL/ha	385 mL/ha
5	Refine Extra or MPOWER RX	20 g/ha	770 mL/ha	385 mL/ha
6	Refine Extra or MPOWER RX +	20 g/ha	770 mL/ha	385 mL/ha
	MCPA Ester 500	+ 840 mL/ha		
USE ONLY MCPA ESTER 500 in this tank mix and only at recommended rates. Failure to do so may result in reduced Wild Oat control. DO NOT USE MCPA AMINE				
7	Curtail M	1.5 – 2 L/ha	770 mL/ha	No
8	Estaprop	1.75 L/ha	770 mL/ha	No
9	Dyvel	1.25 L/ha	No	385 mL/ha

2022-1401

2022-05-17

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **HELLCAT HERBICIDE** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to **HELLCAT 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 **HELLCAT HERBICIDE** or other Group 1 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 AgraCity Crop & Nutrition Ltd at www.Agracity.com or at 1-844-269-3276.

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.

For more information contact AgraCity Crop & Nutrition at 1-844-269-3276.

CANUCK®, CLOBBER®, FOXXY®, HELLCAT® and MPOWER®, are registered trademarks of AgraCity Crop & Nutrition Ltd or its affiliates.

All other products listed are trademarks or registered trademarks of their respective companies.