

(container label)

GROUP	1	HERBICIDE
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AGROGILL CLETH360 EC HERBICIDE



EMULSIFIABLE CONCENTRATE

COMMERCIAL (AGRICULTURAL)

POST-EMERGENCE HERBICIDE FOR CONTROL OF GRASSES IN SEEDLING ALFALFA, DRY COMMON BEANS (*Phaseolus vulgaris* varieties only), HIGHBUSH BLUEBERRY, CANOLA, DESI and KABULI CHICKPEAS, CORIANDER, FENUGREEK, FLAX (including low linolenic acid varieties), FIELD PEAS, LENTILS, ORIENTAL (BROWN) MUSTARD (condiment and oilseed types), YELLOW MUSTARD, DRY ONIONS, POTATOES, SOYBEANS, SPINACH and SUNFLOWERS.

FOR CONTROL OF LABELLED WEEDS ON PRAIRIE CARNATIONS IN THE PRAIRIE PROVINCES (ALBERTA, MANITOBA, AND SASKATCHEWAN).

ACTIVE INGREDIENT: clethodim ... 360 g/L

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

CAUTION – EYE IRRITANT

REGISTRATION NO.: 35476

PEST CONTROL PRODUCTS ACT

NET CONTENTS: **(250 mL – 1000 L)**

Agrogill Chemicals Canada Inc.
35842 Eaglecrest Drive
Abbotsford, BC
V3G 1E8

(604) 853-3229

TM Trademark of Agrogill Chemicals Pty Ltd

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.

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 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.

TOXICOLOGICAL INFORMATION

Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying stomach.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

May irritate eyes. Avoid contact with eyes. **DO NOT** inhale fumes, vapours or spray mist. Do not eat, drink, or smoke while mixing, loading or applying. Wash thoroughly with soap and water after handling.

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

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

PROTECTIVE CLOTHING

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

For application using ground and aerial equipment, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Gloves are not required during application within a closed cab and/or cockpit.

For application using handheld equipment, wear coveralls over a long-sleeved shirt and long pants, socks, rubber boots and chemical-resistant gloves.

DO NOT apply using handheld mistblower/airblast or handheld fogging equipment.

Wash gloves thoroughly with soap and water before removing them during any operation. Wash hands thoroughly with soap and water after using this product and before eating, drinking, smoking, or using toilet. Remove contaminated clothing immediately if pesticide gets inside or after use. Store and wash contaminated clothing separately from household laundry and before reuse.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (for example, sandy soil) and/or the depth to the water table is shallow.

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.

STORAGE

Store this product away from food or feed.

DISPOSAL

For recyclable containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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For 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.

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PROTECTIVE CLOTHING

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For application using ground and aerial equipment, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Gloves are not required during application within a closed cab and/or cockpit.

For application using handheld equipment, wear coveralls over a long-sleeved shirt and long pants, socks, rubber boots and chemical-resistant gloves.

DO NOT apply using handheld mistblower/airblast or handheld fogging equipment.

Wash gloves thoroughly with soap and water before removing them during any operation. Wash hands thoroughly with soap and water after using this product and before eating, drinking, smoking, or using toilet. Remove contaminated clothing immediately if pesticide gets inside or after use. Store and wash contaminated clothing separately from household laundry and before reuse.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (for example, sandy soil) and/or the depth to the water table is shallow.

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.

STORAGE

Store this product away from food or feed.

DISPOSAL

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GENERAL INFORMATION

Agrogill Cleth360 EC Herbicide is an emulsifiable concentrate, selective, post-emergence herbicide for control of a broad range of grasses in seedling alfalfa, dry common beans (*Phaseolus vulgaris* varieties only), highbush blueberry, canola, Desi and Kabuli chickpeas, coriander, field peas, fenugreek, flax (including low linolenic acid varieties), lentils, oriental (brown) mustard (condiment and oilseed types), yellow mustard, dry onions, potatoes, prairie carnation, soybeans, spinach, and sunflowers.

Agrogill Cleth360 EC Herbicide is to be used only with the adjuvants CARRIER.

Agrogill Cleth360 EC Herbicide is a systemic herbicide which is translocated from the treated foliage to the growing points of the leaves, shoots and roots. Uptake into the plant is primarily through its leaves. Thorough coverage of the foliage is important for consistent grass control. Susceptible grasses that are actively growing will undergo a burn-back and colour change after treatment. Leaf foliage will first change from green to yellowish, then purplish and finally brown colour. The time required for complete control is normally 7 to 21 days following treatment, depending on growing conditions and crop competition.

DIRECTIONS FOR USE

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-604-853-3229 or obtain technical advice from the distributor or your provincial agricultural representative.

Restrictions and Limitations

- Use only for crops listed on the label.
- Thorough preplant tillage operations are required to fields where sod or forage grass crops may have grown in the previous year.
- Take necessary precautions to avoid sprayer overlaps.
- Rainfall within one hour of application may reduce the effectiveness of the spray.

- Do not mix or apply Agrogill Cleth360 EC Herbicide with any other additive, pesticide or with fertilizer except as specifically recommended on the label.
- The most stringent label precautions for any individual pesticide product in a tank-mix should be used.
- Allow 4 days between application of Agrogill Cleth360 EC Herbicide and any other chemical not recommended as a tank-mix combination on the label.
- Do not apply more than 0.25 L/ha (90 g ai/ha) per season.
- Do not use crops for grazing of livestock or green feed following application of Agrogill Cleth360 EC Herbicide until after the appropriate interval as specified in the Crop Recommendations table has been observed. Do not cut treated crops for forage until the appropriate interval as specified in the Crop Recommendations table has been observed.
- **Agrogill Cleth360 EC Herbicide may be applied by air for certain crops specified in this label.**
- **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
- Not for use in greenhouses.
- A 30-day plant-back interval should be observed for all unlabelled crops.

Ground Application

- For ground application, use sprayers equipped with standard flat fan nozzles. For optimum spray coverage, use nozzles tilted 45° forward.
- The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Thorough and uniform spray coverage over the entire leaf area of the target weeds is necessary for optimum weed control.
- Thoroughly clean all screens to prevent nozzle clogging, especially when spray volumes of 55 to 110 L/ha are used.
- For ground applications, use spray volumes of 55 to 225 L/ha and a minimum of 275 kPa pressure. For applications to dense weed infestations or to dense crop canopies, use a minimum of 110 L/ha spray volume at pressures of 275 to 425 kPa. In any situation, ensure the proper rate of CARRIER Adjuvant is maintained as listed on the label under Application Rates of Agrogill Cleth360 EC Herbicide.

For dry common beans (*Phaseolus vulgaris* varieties only), a minimum spray volume of 110 L/ha is recommended.

Aerial Application

- Apply Agrogill Cleth360 EC Herbicide alone or in tank-mixes (only with the recommended tank-mix partners that are registered for aerial use) in no less than 28 L/ha spray volume at a pressure no less than 300 kPa.
- 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 on this label.

- When applying Agrogill Cleth360 EC Herbicide by aircraft, uniform coverage is essential. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Aerial Use Precautions

- Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.
- Do not apply to terrain where there is a potential for surface run-off to enter aquatic systems.
- Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified spray buffer zones should be observed.
- Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift.
- Do not apply when wind speed is greater than 16 km/h at a flying height at the site of application.
- Do not apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium 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 rotor span.

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Aerial 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 pilots have communication capabilities at each treatment site at the time of application.
- The field crew and the mixer/loaders must wear goggles or face shield, rubber apron, chemically resistant gloves, rubber boots, long sleeved shirt and long-legged pants.
- All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

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) medium 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 rotor span.

Spray buffer zones

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Aerial application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium 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.

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

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

Method of Application	Crop	Spray Buffer Zones (metres) Required for the Protection of:			
		Freshwater Habitat of Depths		Terrestrial Habitat	
		<1 m	>1 m		
Field sprayer	Seedling alfalfa, highbush blueberry, coriander, fenugreek, dry onion, safflower, canola, flax (including low linolenic varieties), field pea, lentils, oriental (brown) mustard (condiment and oilseed types), yellow mustard, potato, soybean, sunflower	1	1	2	
	Spinach, dry common bean, Desi and Kabuli chickpea, Prairie carnation	1	1	1	
Aerial	Canola, flax (including low linolenic acid varieties), field peas, lentils, potatoes, Oriental (brown) mustard (condiment and oilseed types), yellow	Fixed wing	10	1	60
		Rotary wing	10	1	50

	mustard, soybeans, sunflowers				
	Dry common beans, Desi and Kabuli chickpeas	Fixed wing	4	1	30
		Rotary wing	1	1	30

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 Buffer Zone Calculator the Pesticides portion of the Canada.ca web site.

TIME OF APPLICATION

Apply Agrogill Cleth360 EC Herbicide when the annual grasses and volunteer cereals are in the 2 to 6 leaf stage as specified under Application Rates of Agrogill Cleth360 EC Herbicide. Most effective control is achieved when application is made prior to tillering when annual grasses are small and actively growing.

Agrogill Cleth360 EC Herbicide will be less effective when plants are stressed by lack of moisture, excessive moisture, low temperature and/or very low relative humidity. Regrowth by tillering may occur if application is made under any of the above stress conditions. In wide row crops, where the canopy may be slow to close, cultivation may be necessary to control grasses that emerge after treatment.

For suppression or control of quackgrass, apply Agrogill Cleth360 EC Herbicide when the quackgrass is in the 2 to 6 leaf stage and 6 to 15 cm in height. Most effective results are achieved when application is made at the 3 to 5 leaf stage, when the canopy is uniform and actively growing.

Seedling alfalfa, dry common beans (*Phaseolus vulgaris* varieties only), highbush blueberry, canola, Desi and Kabuli chickpeas, field peas, flax (including low linolenic acid varieties), lentils, oriental (brown) mustard (condiment and oilseed types), yellow mustard, dry onions, potatoes, soybeans, and sunflowers are tolerant to Agrogill Cleth360 EC Herbicide at all stages of growth. However, the pre-harvest interval outlined in the Crop Recommendations table must be followed to avoid excessive crop residues.

For Desi and Kabuli chickpeas, apply Agrogill Cleth360 EC Herbicide at a maximum of one application per season before the crop reaches the 9 node stage (18 cm height maximum) and when the annual grasses are in the 2 to 6 leaf stage.

For fenugreek, apply Agrogill Cleth360 EC Herbicide post-emergence, when fenugreek is in the 3 to 5 leaf stage at a maximum of one application per season.

For coriander or prairie carnation, apply Agrogill Cleth360 EC Herbicide post-emergence, when coriander or prairie carnation is in the 2 to 5 leaf stage at a maximum of one application per season.

APPLICATION RATES OF AGROGILL CLETH360 EC HERBICIDE

Rates of use are given below to control various grass species. Refer to crop section for the maximum use rate on each crop.

Grass Species	Leaf Stage	Application Rate of Agrogill Cleth360 EC Herbicide	Application Rate of Carrier Adjuvant
*Foxtail (green, yellow) Wild oat Volunteer cereals (wheat, barley, oat)	2 to 4	0.083 L/ha	0.5% v/v
Barnyard Grass Witchgrass Fall panicum Proso millet Volunteer Corn Volunteer canary grass	2 to 6	0.083 L/ha	0.5% v/v
Wild Oat Volunteer cereals (wheat, barley, oat) Foxtail (green, yellow) Persian darnel Crabgrass (smooth and large) Proso millet Witchgrass Fall panicum Barnyard grass Volunteer corn Volunteer canary grass Quackgrass suppression	2 to 6	0.125 L/ha	0.5% v/v
Quackgrass control**	2 to 6	0.25 L/ha	1.0% v/v

* Agrogill Cleth360 EC Herbicide applied at 0.083 L/ha for the control of weeds listed in this section of the table should only be applied under the following conditions:

- Good crop stand

- Early application (as in above table, prior to tillering)
- Do not tank-mix with other pesticides
- Do not apply to volunteer winter cereals
- Light to moderate weed infestation
- Adequate moisture and fertility
- Absence of stress, good growing conditions

If any one of the above conditions are not present at the time of application, use 0.125 L/ha rate of Agrogill Cleth360 EC Herbicide.

** For adequate control of quackgrass, use a minimum spray volume of 100 L/ha.

CROP RECOMMENDATIONS

Crop	Maximum Application Rate of Agrogill Cleth360 EC Herbicide	Application Method ⁶	Pre-Harvest Interval
Seedling Alfalfa	0.25 L/ha	Ground application only	30 days
Dry Common Beans ^{1,2} (Phaseolus vulgaris varieties only)	0.125 L/ha	Ground and aerial application	60 days
Highbush Blueberry ^{1,5,7}	0.25 L/ha	Ground application only	14 days
Canola	0.25 L/ha	Ground and aerial application	60 days
Desi and Kabuli Chickpeas	0.125 L/ha	Ground and aerial application	60 days
Coriander ^{1,3,7}	0.25 L/ha	Ground application only	60 days
Flax (including low linolenic acid varieties)	0.25 L/ha	Ground and aerial application	60 days
Fenugreek ^{1,3,7}	0.25 L/ha	Ground application only	30 days
Field Peas	0.25 L/ha	Ground and aerial application	75 days
Lentils	0.25 L/ha	Ground and aerial application	60 days
Oriental (Brown) Mustard (condiment and oilseed types)	0.25 L/ha	Ground and aerial application	60 days
Yellow Mustard	0.25 L/ha	Ground and aerial application	60 days
Dry Onions	0.25 L/ha	Ground application only	45 days
Potatoes	0.25 L/ha	Ground and aerial application	60 days

Prairie Carnation ^{1,3,7}	0.125 L/ha	Ground application only	N/A
Soybeans	0.25 L/ha	Ground and aerial application	75 days
Spinach ^{4,7}	0.125 L/ha	Ground application only	14 days
Sunflower	0.25 L/ha	Ground and aerial application	72 days

1. Apply a maximum of one application per year.
2. NOTE: Varieties of this crop may vary in their tolerance to herbicides, including Agrogill Cleth360 EC Herbicide. Since not all crop varieties have been tested for tolerance to Agrogill Cleth360 EC Herbicide, first use of Agrogill Cleth360 EC Herbicide should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your supplier for information on the tolerance of specific varieties to Agrogill Cleth360 EC Herbicide.
3. Do not harvest treated prairie carnations or greens of treated fenugreek as a vegetable or leaves of treated coriander (cilantro) for human consumption.
4. Apply a maximum of two applications per year.
5. Apply Agrogill Cleth360 EC Herbicide as a broadcast spray directed to the ground.
6. SPRAY VOLUME FOR AERIAL APPLICATION: Apply in 28 to 55 L/ha. Increase spray volumes up to 100L/ha as grass or crop foliage becomes dense.
7. Refer to section “MINOR USES” in this label for additional use instructions.

TANK-MIXES

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

TANK-MIXES

AGROGILL CLETH360 EC HERBICIDE AND BUCTRIL® M

FLAX (including low linolenic acid varieties): Agrogill Cleth360 EC Herbicide may be tank-mixed with BUCTRIL M for control of certain broadleaf and grassy weeds in flax (including low linolenic acid varieties) in one spray operation. Apply in 55 to 110 litres of water per hectare at a pressure of 275 kPa. DO NOT spray this tank-mix on plants under stress. DO NOT spray during periods of hot, humid weather. Follow all precautions, limitations and timing recommendations on the BUCTRIL M label. The most stringent label precautions for any individual pesticide product in a tank-mix should be used.

Time of Application: Flax (including low linolenic acid varieties) may be treated from 5 cm high to the early bud stage. For best results, apply when flax (including low linolenic acid varieties) is 5 to 10 cm high and weeds are in the seedling stage. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 L/ha tank-mixed with BUCTRIL M at 1.0 L/ha and CARRIER adjuvant at 0.5 % v/v.

Weeds Controlled: As listed for Agrogill Cleth360 EC Herbicide used alone, plus certain seedling broadleaf weeds. Refer to the BUCTRIL M label for the broadleaf weeds controlled.

Mixing Instructions:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. If tank-mixing Agrogill Cleth360 EC Herbicide and BUCTRIL M for once-over grass and broadleaf weed control in flax (including low linolenic acid-varieties), add the correct amount of BUCTRIL M. Continue to agitate.
4. Add the correct amount of Agrogill Cleth360 EC Herbicide. Continue to agitate.
5. Add the correct amount of adjuvant CARRIER along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

AGROGILL CLETH360 EC HERBICIDE AND MCPA ESTER:

FLAX: Agrogill Cleth360 EC Herbicide may be tank-mixed with MCPA ESTER for control of certain broadleaf and grassy weeds in flax in one spray operation. For ground applications, apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa. For aerial application apply this tank-mix in a minimum of 30 L/ha spray volume at a pressure of 235 kPa.

Follow all precautions, limitations and timing recommendations on the MCPA Ester label. The most stringent label precautions for any individual pesticide product in a tank-mix should be used.

Note: This tank-mix may not be applied to low linolenic acid varieties of flax.

Time of application: Flax may be treated from 5 cm tall to just before the bud stage. Do not apply after the early bud stage. Apply when the grassy weeds are in the 2 to 6 leaf stage and broad leaf weeds are in the seedling stage and actively growing. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 to 0.25 L/ha tank-mixed with MCPA ESTER and the adjuvant CARRIER at 0.5 to 1.0 % v/v.

Weeds Controlled: As listed for Agrogill Cleth360 EC Herbicide used alone, plus certain seedling broadleaf weeds. Refer to the MCPA ESTER label for the rates and broadleaf weeds controlled and specific information on flax.

Mixing Instructions:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the correct amount of MCPA ESTER. Continue to agitate.
4. Add the correct amount of Agrogill Cleth360 EC Herbicide. Continue to agitate.
5. Add the correct amount of CARRIER adjuvant along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

AGROGILL CLETH360 EC HERBICIDE AND LONTREL® 360

FLAX (including low linolenic acid varieties): Agrogill Cleth360 EC Herbicide may be tank-mixed with LONTREL 360 for control of certain broadleaf and grass weeds in flax in one spray operation. Apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa.

Follow all precautions, limitations and timing recommendations on the LONTREL 360 label.

Time of Application: Flax may be treated from 5 to 10 cm in height. Apply when the grassy weeds are in the 2 to 6 leaf stage and the broadleaf weeds are actively growing. Application to Canada thistle should be made when Canada thistle is in the rosette to pre-bud stage of growth. If broadleaf weeds and grass weeds are not in recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 L/ha tank-mixed with LONTREL 360 at 0.56 to 0.83 L/ha and with the adjuvant CARRIER at 0.5 % v/v.

Weeds Controlled: Wild oat, green foxtail, volunteer barley, volunteer wheat, volunteer oat, wild buckwheat.

Canada thistle	0.56 L LONTREL 360/ha	Season-long control
	0.83 L LONTREL 360/ha	Control extended into following year.

Mixing Instructions: For mixing instructions, refer to Agrogill Cleth360 EC Herbicide and LONTREL 360 tank-mix on canola.

CANOLA: Agrogill Cleth360 EC Herbicide may be tank-mixed with LONTREL 360 for control of certain broadleaf and grass weeds in canola in one spray operation. Apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the LONTREL 360 label.

Time of Application: Canola may be treated from the 2 to 6 leaf stage. Apply when the grassy weeds are in the 2 to 6 leaf stage and the broadleaf weeds are actively growing. Application to Canada thistle should be made when Canada thistle is in the rosette to pre-bud stage of growth.

If broadleaf weeds and grass weeds are not in recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 L/ha tank-mixed with LONTREL 360 at 0.42 to 0.83 L/ha and with the adjuvant CARRIER at 0.5 % v/v.

Weeds Controlled: Wild oat, green foxtail, volunteer barley, volunteer wheat, volunteer oat.

Wild Buckwheat	0.56 L LONTREL 360/ha	Season-long control
Canada thistle	0.42 L LONTREL 360/ha	Top growth control to 6 to 8 weeks
	0.56 L LONTREL 360/ha	Season-long control
	0.83 L LONTREL 360/ha	Control into following year

Mixing Instructions:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the required amount of LONTREL 360 to the tank. Continue to agitate.
4. Add the correct amount of Agrogill Cleth360 EC Herbicide. Continue to agitate.
5. Add the correct amount of CARRIER adjuvant along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit overnight. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.
8. If an oil film starts to build up in the tank, drain it and clean tank with strong detergent solution.
9. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

AGROGILL CLETH360 EC HERBICIDE AND PURSUIT®:

FIELD PEAS: Agrogill Cleth360 EC Herbicide may be tank-mixed with PURSUIT for control of certain broadleaf and grassy weeds in field peas in one spray operation. Apply in a minimum of 100 litres of water per hectare at a spray pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the PURSUIT label.

Time of Application: Field peas may be treated up to the sixth (6th) trifoliate leaf stage. Apply when volunteer wheat, volunteer barley, wild oat and green foxtail are in the 2 to 6 leaf stage. Apply up to the 4 leaf stage for control of broadleaf weeds. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 L/ha tank-mixed with PURSUIT at 210 mL/ha and the adjuvant CARRIER at 0.5 % v/v.

Weeds Controlled: Wild oat, green foxtail, volunteer barley, volunteer wheat plus the weeds as listed on the PURSUIT label.

Mixing Instructions:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. If tank-mixing Agrogill Cleth360 EC Herbicide and PURSUIT for once over grass and broadleaf weed control in field peas, add the correct amount of PURSUIT. Continue to agitate.
4. Add the required amount of Agrogill Cleth360 EC Herbicide to the tank. Continue to agitate.
5. Add the correct amount of CARRIER adjuvant along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

AGROGILL CLETH360 EC HERBICIDE AND MUSTER®:

CANOLA: Agrogill Cleth360 EC Herbicide may be tank-mixed with MUSTER for control of certain broadleaf and grassy weeds in canola in one spray operation. Apply in a minimum of 100 litres of water per hectare at a spray pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the MUSTER label.

Time of Application: Canola may be treated from the 2 leaf stage to the beginning of bolting. Apply when the grassy weeds are in the 2 to 6 leaf stage and when the broadleaf weeds are in the cotyledon to 6 leaf stage. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

Application Rate: Agrogill Cleth360 EC Herbicide at 0.125 L/ha tank-mixed with MUSTER at 20 or 30 g/ha and the adjuvant CARRIER at 0.5 % v/v.

Weeds Controlled:

Muster at 20 or 30 g/ha: Wild oat, green foxtail, volunteer barley, volunteer oat, volunteer wheat, hempnettle, wild mustard, green smartweed, flixweed (spring seedlings), stinkweed*, and redroot pigweed.

* *Stinkweed suppression at the lower rate. Apply to stinkweed in the 1 to 4 leaf stage.*

Mixing Instructions:

1. Thoroughly
clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the required amount of MUSTER to the tank. Continue to agitate.
4. Once MUSTER is in suspension, add the required amount of Agrogill Cleth360 EC Herbicide. Continue to agitate.

5. Add the correct amount of CARRIER adjuvant along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. On repeat tankloads, prepare a MUSTER/water slurry and add to required water volume in the spray tank prior to adding Agrogill Cleth360 EC Herbicide and CARRIER.
8. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
9. Immediately after use, refer to MUSTER label for appropriate tank cleanout instructions.

MINOR USES

NOTE TO USER

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (LISTED BELOW):

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Agrogill Chemicals Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Agrogill Chemicals Canada 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.

Crop	Weeds Controlled	Application Rate of:		Remarks
		Agrogill Cleth360 EC Herbicide	CARRIER	
PRAIRIE CARNATION (Alberta, Manitoba and Saskatchewan only)	Annual weeds listed on Agrogill Cleth360 EC Herbicide label. Refer to weed/rate chart in this label.	0.125 L/ha	0.5% v/v	TIME OF APPLICATION: Apply Agrogill Cleth360 EC Herbicide post-emergence of weeds and crop. Apply a maximum of one application per year using ground equipment. Apply in a minimum spray volume of 110 L/ha. Do not harvest treated prairie carnations for human consumption. Ground application only.
HIGHBUSH BLUEBERRY	Agrogill Cleth360 EC	0.125 - 0.25 L/ha	0.5 - 1.0 % v/v	TIME OF APPLICATION:

	Herbicide labelled grassy weeds. Refer to weed/rate chart in this label.			Apply Agrogill Cleth360 EC Herbicide post-emergence of weeds and crop. Apply a maximum of one application per year, post-emergent by ground equipment. Apply as a broadcast spray directed to the ground. Apply in a minimum spray volume of 100 L/ha. Observe a PHI of 14 days. Ground application only.
CORIANDER	Annual weeds listed on Agrogill Cleth360 EC Herbicide label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	TIME OF APPLICATION: Apply Agrogill Cleth360 EC Herbicide post-emergent when coriander is in the 2 to 5 leaf stage. Apply a maximum of one application per year, using ground equipment. Observe a PHI of 60 days. Do not harvest leaves of treated coriander (cilantro) for human consumption. Ground application only.
FENUGREEK	Annual weeds listed on Agrogill Cleth360 EC Herbicide label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	TIME OF APPLICATION: Apply Agrogill Cleth360 EC Herbicide post-emergent when fenugreek is in the 3 to 5 leaf stage. Apply a maximum of one application per season, using ground equipment. Observe a PHI of 30 days. Do not graze or

				feed Agrogill Cleth360 EC Herbicide-treated fenugreek forage to livestock. Do not use the greens of treated fenugreek as a vegetable for human consumption. Ground application only.
DRY ONIONS	Annual weeds listed on the Agrogill Cleth360 EC Herbicide label and suppression of annual bluegrass at the 2-6 leaf stage.	0.25 L/ha	0.5 % v/v	TIME OF APPLICATION: Apply Agrogill Cleth360 EC Herbicide post-emergent when the crop is in the 1 to 4 leaf stage. One application per year. Observe a PHI of 45 days. Ground application only.
SPINACH	Annual weeds listed on Agrogill Cleth360 EC Herbicide label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	Refer to Agrogill Cleth360 EC Herbicide + CARRIER weed/rate chart in this label.	Apply a maximum of two applications per year with 14 days between applications, post emergent by ground application when grassy weeds are in the 2 to 6 leaf stage. Observe a PHI of 14 days. Ground application only.

HERBICIDE RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Agrogill Cleth360 EC Herbicide is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to Agrogill Cleth360 EC 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 Agrogill Cleth360 EC Herbicide or other Group 1 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.

- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding 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 company representatives at 1-604-853-3229 for further information.

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