

# Bromotril<sup>®</sup> 240EC

## HERBICIDE

Bromotril 240EC is a selective post-emergent herbicide which controls weed by contact action.

**ACTIVE INGREDIENT:** Bromoxynil 240 g/L (present as octanoate ester).

**CROPS:** Wheat (spring and winter), barley, oats, Bromoxynil tolerant canola (Navigator varieties only), flax (including low linolenic acid varieties), corn, fall rye, canary grass (for seed production), triticale, garlic, seedling alfalfa, established alfalfa (for seed production only), seedling grasses, forage sorghum, and forage millet.

**TIMING:** For best results spray when weeds are in the seedling stage. Apply in good growing conditions before the crop shields the weeds. May be applied by air on wheat and barley only (consult label for aerial application guidelines).

**WATER VOLUME:** Generally 100 L/ha (10 gal/acre) of water at 275 kPa pressure unless stated differently on the label.

**RAINFAST:** 30 minutes.

**CAUTION:** Do not apply to any body of water. Avoid drift of spray onto any body of water or non-target areas. Specified buffer zone should be observed. Observe any no import tolerances if exporting crops to the US.

**PRE-HARVEST INTERVAL:** (Wheat, barley, oats, forage sorghum, forage millet and seedling alfalfa). Do not use treated crops for grazing or green feed until 30 days after application unless otherwise stated on the label. Do not cut treated crops for forage until 30 days after application. Do not graze other treated crops or cut for feed unless specified on the label, sufficient data are not available to support such uses.

**RE-CROPPING:** No restrictions the year following application.

**WEEDS CONTROLLED:** When Bromotril is used alone the following weeds are controlled:

### Seedling stage up to 4-leaf stage:

Green smartweed, pale smartweed, lady's-thumb, wild mustard\*, kochia\*\*, cow cockle\*, Russian thistle\*\*, stinkweed\*, cocklebur, common ragweed, pigweed\*, velvetleaf<sup>\*\*\*</sup>, bluebur, American nightshade.

### Seedling stage up to 8-leaf stage:

Wild buckwheat, Tartary buckwheat, common buckwheat, common groundsel, lamb's-quarter.

\*In normal conditions will be controlled up to 4-leaf stage. Plants beyond this stage are unlikely to be controlled; the higher rate generally gives better results.

\*\* Spray before plants are 5 cm high.

\*\*\* Spray before plants are 8 cm high.

Additional weeds are controlled using recommended tank mixes, see label for details.

**ADJUVANT:** Not required when used alone see tank mix partner labels for surfactants needed with tank mixes.

**PACKAGE SIZE:** 2 x 9.7 L.

**STORAGE:** Store in container tightly closed away from seeds, fertilizers, plants and foodstuffs. Will solidify at temperatures below -20 °C but will become usable again at temperatures above 0 °C.

**HERBICIDE GROUP:** Group 6 herbicide.



## QUICK SHEET

## RATES AND TANK MIXES:

TANK MIX	STAGE	RATE
<b>CROP – Wheat (spring and winter – not under-seeded to legumes)</b>		
Bromotril 240EC (alone)	<b>Spring wheat</b> – 2 leaf until early flag leaf. <b>Winter wheat</b> – 2-4 leaf stage in fall or from the time growth begins in the spring to early flag leaf stage.	1.2-1.4 L/ha.
Bromotril 240EC + MCPA	<b>Spring wheat</b> – 2 leaf until early flag leaf. <b>Winter wheat</b> – 2-4 leaf stage in fall or from the time growth begins in the spring to early flag leaf stage.	<b>Spring wheat</b> 1.2 L/ha Bromotril + 275-550 g active ingredient MCPA/ha. <b>Winter wheat</b> 1.2 L/ha Bromotril + 275 g active ingredient MCPA/ha . Apply in 50-100 L water/ha at 275 kPa.
Bromotril 240EC + 2,4-D	<b>Spring and winter wheat</b> – 4 leaf until the early flag leaf stage. Application before 4 leaf stage may injure crop.	Bromotril 1.2 L/ha + 275-420 g active ingredient 2,4-D/ha.
Bromotril 240EC + Hoegrass <sup>®</sup>	<b>Spring wheat only</b> – 2 leaf until early flag leaf stage.	Bromotril 1.2 L/ha + 2.8 L/ha Hoegrass (284 g/L) Apply in 110 L water/ha at 275 kPa.
Bromotril 240EC + Avenge <sup>®</sup> 200-C	<b>Spring wheat only</b> – 2 leaf until the 6 leaf stage.	Bromotril 1.2 -1.4 L/ha + Avenge 200-C 3.5-4.25 L/ha.
Bromotril 240EC + MCPA+ Avenge 200-C	<b>Spring Wheat only</b> – 2 leaf until the 6 leaf stage.	Bromotril 1.2 L/ha + 275-550g active ingredient MCPA ester/ha + Avenge 200-C at 3.5-4.25 L/ha.
Bromotril 240EC + Achieve <sup>®</sup> 40DG or Achieve <sup>®</sup> 80DG	<b>Durum wheat, spring wheat and winter wheat</b> – from 2 leaf stage until early flag leaf stage.	Bromotril 1.2 L/ha + 0.5 kg/ha Achieve 40DG or 0.25 kg/ha Achieve 80DG. Add Turbocharge to the spray tank at a concentration of 0.5% v/v (0.5 L/100 L spray solution).
Bromotril 240EC + Horizon <sup>®</sup>	<b>Spring wheat and durum wheat</b> – 2 leaf to flag leaf stage.	Bromotril 1.2 L/ha + Horizon 240EC at 230 mL/ha or 290 mL/ha plus Score adjuvant at a 0.8% v/v pr 1.0% v/v.
<b>CROP – Barley (not underseeded to legumes)</b>		
Bromotril 240EC (alone)	<b>Barley</b> – 2 leaf stage until the early flag leaf stage.	1.2-1.4 L/ha.
Bromotril 240EC + MCPA	<b>Barley</b> – 2 leaf stage until early flag leaf stage.	Bromotril 1.2 L/ha + 275 -550g active ingredient MCPA/ha. Apply in 50-100 L water/ha at 275 kPa.
Bromotril 240EC + 2,4-D	<b>Barley</b> – 4 leaf stage until early flag leaf stage. Application before the 4 leaf stage may cause injury.	Bromotril 1.2 L/ha + 275-420 g active ingredient 2,4-D/ha.
Bromotril 240EC + Hoegrass	<b>Barley</b> – at 1 to 4 leaf stage and prior to tillering. Crop injury may occur if applied after tillering.	Bromotril 1.2 L/ha + 2.8 L/ha Hoegrass (284 g/L) Apply in 110 L water/ha at 275 kPa.
Bromotril 240EC + Avenge 200-C	<b>Barley</b> – at 2 leaf until the 6 leaf stage.	Bromotril 1.2 -1.4 L/ha + Avenge 200-C 3.5-4.25 L/ha.
Bromotril 240EC + MCPA+ Avenge 200-C	<b>Barley</b> – at 2 to 6 leaf stage.	Bromotril 1.2 L/ha + 275-550g active ingredient MCPA ester/ha + Avenge 200-C at 3.5-4.25 L/ha.
Bromotril 240EC + Achieve 40 DG or Achieve 80 DG	<b>Barley</b> – from 2 leaf until early flag leaf stage of growth.	Bromotril 1.2 L/ha + 0.5 kg/ha Achieve 40DG or 0.25 kg/ha Achieve 80DG. Add Turbocharge to the spray tank at a concentration of 0.5% v/v (0.5 L/100 L spray solution).
<b>CROP – Oats (not underseeded to legumes) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Oats</b> – at 2 leaf stage until the early flag leaf stage.	1.2-1.4 L/ha.
Bromotril 240EC + MCPA	<b>Oats</b> – at 2 leaf stage until early flag leaf stage.	Bromotril 1.2 L/ha + 275 -550g active MCPA/ha. Apply in 50-100 L water/ha at 275 kPa.

# LABEL BEFORE USE

TANK MIX	STAGE	RATE
<b>CROP – Corn (Field and Sweet) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Corn</b> – may be treated with a broadcast post-emergence application from the 4 leaf stage onward. Use drop pipes if corn over 8 leaf stage.	1.2-1.4 L/ha. Apply in 200-300 L water/ha at 275 kPa. <b>DO NOT ADD OIL OR SURFACTANT.</b>
Bromotril 240EC + Atrazine	<b>Corn</b> – at 4-8 leaf stage.	Bromotril 1.2 L/ha + 1.1-1.5 kg active Atrazine/ha. Apply in 200-300 L water/ha at 275 kPa. <b>DO NOT ADD OIL OR SURFACTANT OR ATRAZINE FORMULATIONS CONTAINING OIL.</b>
Bromotril 240EC + Atrazine LOW RATE	<b>Corn</b> – at 4-8 leaf stage.	Bromotril 1.2-1.4 L/ha + 0.5 kg active Atrazine/ha. Apply in 200-300 L water/ha at 275 kPa. <b>DO NOT ADD OIL OR SURFACTANT OR ATRAZINE FORMULATIONS CONTAINING OIL.</b>
<b>CROP – Corn Field (do not use on sweet corn) DO NOT APPLY BY AIR</b>		
Bromotril 240EC + Banvel® or Banvel® II	<b>Field corn</b> – at 4-6 leaf stage as overall broadcast treatment. If corn over 6 leaf and up to 50 cm direct drop pipe nozzles beneath the corn leaves. Apply no later than 2 weeks prior to tassel emergence and do not apply to corn over 50 cm in height.	Bromotril 1.2 L/ha + 290 mL/ha Banvel or Banvel II. Apply in 200-300 L water/ha at 275 kPa. <b>DO NOT ADD OIL OR SURFACTANT.</b>
Bromotril 240EC + Ultim® 25DF + non-ionic surfactant	<b>Field Corn only in Eastern Canada only</b> – from 4-6 leaf stage (up to 4 visible collars or 30cm in height – leaf extended).	Bromotril 1.2 L/ha + 100 g/ha Ultim 25DF + a non-ionic surfactant at 2 L/1000 L spray solution (0.2% v/v). Apply in 200-300 L water/ha at 275 kPa.
Bromotril 240EC + Atrazine + Ultim 25DF + Non-ionic surfactant	<b>Field Corn only in Eastern Canada only</b> – from 3-6 leaf stage (up to 4 visible collars or 30cm in height – leaf extended).	Bromotril 0.6 L/ha + Atrazine at 0.5 kg active ingredient/ha + 100 g/ha Ultim 25DF and a non-ionic surfactant at 2 L/1000 L spray solution (0.2% v/v). Apply in 200-300 L water/ha at 275 kPa.
Bromotril 240EC + Accent® 75DF + non-ionic surfactant	<b>Field Corn only in Prairie Provinces only</b> – apply in a single post emergent spray at 4-8 leaf stage of corn (2-6 visible collars). Do not apply prior to 4 leaf (2 visible collars) or after 8 leaf stage (6 visible collars). PHI of 30 days.	Bromotril 1.2 L/ha + Accent 75DF at 33.4 g/ha and a recommended non-ionic surfactant at 2 L/1000 L spray solution (0.2%v/v).
<b>CROP – Fall Rye (not underseeded to legumes) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Fall rye</b> – can be treated from the time growth begins to the early flag leaf stage in the spring.	1.2-1.4 L/ha.
Bromotril 240EC + MCPA	<b>Fall rye</b> – can be treated from the time growth begins to the early flag leaf stage in the spring.	Bromotril 1.2 L/ha + 275 g active ingredient MCPA/ha. Apply in 50-100 L water/ha at 275 kPa.
<b>CROP – Bromoxynil Tolerant Canola (Navigator varieties only) – (not underseeded to legumes) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Canola</b> – from the seedling to bolting stage.	1.2-1.4 L/ha.
Bromotril 240EC + Select®	<b>Canola</b> – from the seedling to bolting stage.	Bromotril 1.2-1.4 L/ha + 0.125-0.38 L/ha Select.
<b>CROP – Flax (including low linolenic varieties) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Flax</b> – may be treated from the time it is 5 cm high up to the early flower bud stage but for best results apply when flax is 5-10 cm high.	1.2 L/ha. <b>Minimum pre harvest interval of 60 days. Do not apply if crop under stress or during hot (over 29°C).</b>
Bromotril 240EC + MCPA or MCPA-K	<b>Flax</b> – may be treated from the time it is 5 cm high up to the early flower bud stage but for best results apply when flax is 5-10 cm high.	Bromotril 1.2 L/ha + 275 g active ingredient MCPA or MCPA-K/ha. <b>Minimum pre harvest interval of 60 days. Do not apply if crop under stress or during hot (over 29°C).</b>

**ALWAYS READ THE LABEL BEFORE USE**

TANK MIX	STAGE	RATE
<b>CROP - Canary Grass (for seed production) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Canary Grass</b> – from 3-5 leaf stage.	1.2 L/ha.
Bromotril 240EC + MCPA	<b>Canary Grass</b> – from 3-5 leaf stage.	Bromotril 1.2 L/ha + 275g active ingredient MCPA/ha. Apply in 50-100 L water/ha at 275 kPa.
<b>CROP – Triticale DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Triticale</b> – 2 leaf until the early flag leaf stage.	1.2-1.4 L/ha.
<b>CROP – Garlic DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Garlic</b> – early post-emergent to weeds by ground application only. One application per year. PHI of 58 days.	1.2 L/ha in 200-300 L water/ha at 275 kPa.
<b>CROP – Seedling Alfalfa – Alberta, Saskatchewan and Manitoba only. DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Seedling alfalfa</b> – 2-6 trifoliolate leaf stage.	1.2 L/ha.
<b>CROP – Established Alfalfa (for seed production only) – Alberta, Saskatchewan and Manitoba only. DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Established alfalfa</b> – may be treated until alfalfa is 25 cm tall. Maximum of 2 applications per season.	1.2-1.4 L/ha.
<b>CROP – Minimum or Zero till DO NOT APPLY BY AIR</b>		
Bromotril 240EC + Roundup®	<b>Pre-seed</b> – apply onto minimum or zero till situations before the crop emerges only. Application can be made just prior to or just after seeding. Do not apply after crop emerges. Use only in wheat, barley, and oats zero tillage cropping systems.	Bromotril 1.2 L/ha + Roundup at 1.1 L/ha + non ionic surfactant.
<b>CROP- Seedling Grasses (not underseeded to legumes) DO NOT APPLY BY AIR</b>		
Bromotril 240EC (alone)	<b>Seedling grasses</b> – 2-4 leaf stage. <b>See label for specific species.</b>	1.2-1.4 L/ha. Apply in 150 L water/ha at 275 kPa.
Bromotril 240EC + MCPA	<b>Seedling grasses</b> – 2-4 leaf stage. <b>See label for specific species.</b>	Bromotril 1.2 L/ha + 275g active ingredient MCPA/ha. Apply in 150 L water/ha at 275 kPa.
<b>CROP – Forage Sorghum and Forage Millet</b>		
Bromotril 240EC (alone)	Apply when crop is at or beyond the 4 leaf stage and less than 20 cm high. One application per year. PHI 30 days.	1.2 L/ha. Apply in 200-300 L water/ha at 275 kPa.

See label for special mixing instructions and other precautionary statement for tank mixes and use of Bromotril alone.  
See label for additional weeds controlled by tank mix partners.



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