

GROUP 1 HERBICIDE

VENTURE® Herbicide Emulsifiable Concentrate

AGRICULTURAL

Postemergence Herbicide for Control of Grasses in Broadleaf Crops

GUARANTEE:

Fluazifop-P-butyl 125 g per litre (nominal)

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

WARNING

Experimental feeding studies in rats have demonstrated that the active ingredient in this product can produce birth defects and other adverse effects in the developing fetus or rats. Women capable of bearing children should be particularly careful when handling this product. Occupational exposure to this product will be reduced by strict adherence to the handling precautions and use directions provided.

CAUTION



POISON

SKIN IRRITANT

REGISTRATION NO. **24192**
PEST CONTROL PRODUCTS ACT.

NET CONTENTS: **8 L**

Syngenta Crop Protection Canada, Inc.
140 Research Lane
Research Park, University of Guelph
Guelph, Ontario
N1G 4Z3

K94/A-1

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NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product, and accepts the product on that condition.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, do not induce vomiting as product contains a petroleum distillate; call a physician immediately or contact a poison control centre.

If in eyes, immediately flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin, wash with soap and water. If irritation develops and persists, get medical attention.

TOXICOLOGICAL INFORMATION

This product contains a petroleum distillate. Treat symptomatically for ingestion and/or skin and eye contact. **CAUSES EYE & SEVERE SKIN IRRITATION.**

PRECAUTIONS

1. Harmful if swallowed. **Causes eye and severe skin irritation.** Failure to follow the directions may cause a health hazard.
2. Do not wear contact lenses when using chemicals.

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3. All users must follow all handling precautions, use directions, and clean-up procedures noted on the label.
 4. Wear coveralls, boots, and nitrile (liquid proof) gloves when spraying, or when adjusting, repairing, or cleaning equipment.
 5. Wear coveralls, boots, and nitrile (liquid proof) gloves and safety goggles when handling the concentrated product.
 6. Avoid spray mist by staying upwind from the spray and/or by wearing a suitable mask or respirator. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before re-use.
 7. Use nitrile gloves supplied with product and dispose of if damaged or after use. Dispose of gloves immediately if contaminated on the inside. Wash hands thoroughly with soap and water before using a new pair of gloves.
 8. Be sure spray tank is clear of debris and all spray nozzles and screens are clean and clear of obstructions before loading the sprayer with VENTURE Herbicide to eliminate contamination of clothing and skin by the need to clear blocked nozzles after spraying commences.
 9. Avoid drift on to other crops and non-target areas. Corn, cereals and turf are highly susceptible to VENTURE.
 10. **DO NOT APPLY BY AIRCRAFT.**
 11. Do not apply within 15 m of fish-bearing waters and wildlife habitats.
 12. Seed only broadleaf crops listed on this label if it is necessary to reseed a crop within 60 days of applying VENTURE.
 13. **CAUTION:** Do not graze the treated crops or cut for hay; there are not sufficient data available to support such use.
 14. This product contains a petroleum distillate which is toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

STORAGE

Product is not affected by temperatures below 0°C.

SPILL CLEANUP

Follow safety precautions as directed for handling product. For spillage on floors or hard surface areas, soak up spill with soil or other absorbant material for disposal. Wash area with detergent and water, and then rinse. On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste including scrub brush 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 a spill, and for clean up of spills.

DECONTAMINATION AND DISPOSAL

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CONTAINER DISPOSAL:

FOR DISPOSAL OF PLASTIC JUGS:

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 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 use this container for any other purpose.

If the container is not being refilled, refer to the section "FOR DISPOSAL OF PLASTIC JUGS".

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING
CALL 1-800-327-8633 (FASTMED)***

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PRODUCT INFORMATION

VENTURE Herbicide is a selective postemergence herbicide for control of a broad range of annual and perennial grasses in broadleaf crops.

VENTURE Herbicide does not control broadleaf weeds, fescue and bluegrass species or sedges including nutsedge.

VENTURE Herbicide is a systemic herbicide which is translocated from the treated foliage to the growing points of leaves, shoots, roots or rhizomes. Although the growth of grasses ceases soon after application, the process of killing the foliage, rhizomes and the entire plant may take up to several weeks.

VENTURE Herbicide activity is not affected by rainfall if it commences two hours or more after application.

DIRECTIONS FOR USE

VENTURE Herbicide is to be used only on the crops listed on this label.

Do not apply the tank mix of VENTURE & Muster on Polish varieties of Canola as injury may result.

TIME OF APPLICATION: VENTURE Herbicide will be less effective when weeds are not growing rapidly because of stress by lack of moisture, excessive moisture, flooding, 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 crop canopy may be slow to close, cultivation may be

necessary to control grasses that emerge after treatment.

ANNUAL GRASSES: Apply VENTURE Herbicide to actively growing annual grasses at the full 2-leaf to 5-leaf stages (except green and yellow foxtail). For green and yellow foxtail, apply at full 2-leaf to 4-leaf stages. Total leaf count should include leaves on the main stem and on tillers; see illustration. Established grasses beyond the 5-leaf stage (including regrowth after clipping or tilling) will not be controlled. Apply VENTURE Herbicide to green and yellow foxtail before tillering or unacceptable grass control will result. Most effective control of other annual grasses is achieved when application is made before tillering. **Application made to tillered annual grasses that are under moisture and/or temperature stress will not provide acceptable control.**

INSERT ILLUSTRATION HERE

QUACK GRASS: (Suppression Only) Apply VENTURE to actively growing plants that have 3 to 5 fully developed leaves. Application made to plants greater than 20 cm in height or which have reached the heading stage will not provide adequate control. In canola & soybeans only VENTURE Herbicide applied at lower rates (1.0 L/ha) will suppress top growth of quack grass throughout the growing season.

ANNUAL CROPS: Rhizomes of quack grass should be thoroughly fragmented by tillage (disc or cultivator) prior to the application of VENTURE Herbicide to obtain effective control. Tillage required to fragment rhizomes can be done in the fall or in the spring before seeding. Normal seedbed preparation will fragment quack grass rhizomes sufficiently. Therefore, extra tillage operations are not required. Do not cultivate for 5 days after applying VENTURE Herbicide.

PERENNIAL CROPS: In perennial crops, effective seasonal control can be achieved providing that quack grass is not under moisture and/or temperature stress, and that application is confined to the optimum leaf stage. Crop competition generally enhances control of quack grass. Do not cultivate for 5 days after applying VENTURE Herbicide.

Rates of VENTURE Herbicide

General rates of use for VENTURE Herbicide are given in the following "Rates of VENTURE Herbicide" section to control various grass species. Refer to the "Crop Recommendations" section for maximum use rate on each crop, the corresponding spray/harvest interval and recommended tank mixes.

	Rate (L/ha)	Recommended <u>Leaf</u> <u>Stage</u>
MIXED STANDS of COMMON GRASSES		
<i>Green and Yellow foxtail, wild oats, wild proso millet, volunteer spring wheat and spring barley, Persian darnel, barnyard grass, and quack grass topgrowth suppression.</i>	1.4	2-4
VOLUNTEER CEREALS		
<i>Volunteer spring wheat and spring barley</i>	0.8	2-5
Control of other specific grasses under ideal growing conditions:		
<u>Annual Grasses</u>		
Wild oats, wild proso millet,	1.0	2-5
Persian darnel and barnyard grass	0.8	2-5
Volunteer corn	0.6	2-5
<u>Quack Grass</u>		
Quack grass topgrowth suppression (Canola)	1.0	3-5

CROP RECOMMENDATIONS: Refer to the previous list of grass species controlled, found under 'Rates of VENTURE Herbicide', for the effective VENTURE Herbicide rate. The following chart gives the maximum rate of VENTURE Herbicide allowable for a crop plus other particulars. Remember, in all cases, to apply VENTURE Herbicide at the proper growth stage of the grass and when grasses are actively growing.

CROP RECOMMENDATIONS				
CROP	MAXIMUM VENTURE Herbicide RATE	MINIMUM INTERVAL TO HARVEST (In Days)	VENTURE Herbicide TANK MIXES	REMARKS
Field Crops				
Canola	1.4 L/ha	80	1. LONTREL® 2. MUSTER®	Do not apply VENTURE later than fifth leaf stage of the crop. Follow all label directions and precautions for the product you are tank-mixing. See the section VENTURE TANK MIXED WITH BROADLEAF HERBICIDES. CAUTION: Apply MUSTER to canola at 2 leaf stage (true leaves) or later to avoid crop injury. CAUTION: Do not apply MUSTER tank mix to Polish varieties of canola as injury may result.
Triazine-tolerant Canola	1.4 L/ha	80	1. BLADEX® Liquid 2. LONTREL 3. MUSTER	
Creeping Red-Fescue (Seedling & Established)	1.4 L/ha		ALLY®	Fescue grown for seed only. Apply at 2-5 leaf stage of the crop. Use VENTURE at 1 L/ha for head control of foxtail barley and smooth brome. See directions for the tank mix on the following pages.
Flax	1.4 L/ha	80		
Lentils	1.4 L/ha	70		Do not apply later than the sixth node stage of the crop.
Mustard	1.4 L/ha	75		Do not apply later than the fifth leaf stage of the crop.

CROP RECOMMENDATIONS				
CROP	MAXIMUM VENTURE Herbicide RATE	MINIMUM INTERVAL TO HARVEST (In Days)	VENTURE Herbicide TANK MIXES	REMARKS
Peas (Field)	1.4 L/ha	66		Straw may be fed to lactating dairy animals and other livestock.
Sunflowers	1.4 L/ha	120		
Legume Alfalfa	1.4 L/ha	41	May be tank mixed with 2,4-DB	Apply in spring or fall. Treated crop may be fed to lactating dairy animals and other livestock 41 days after treatment.
Red Clover and Birdsfoot Trefoil	1.4 L/ha	See remarks	May be Tank mixed with 2,4-DB	Apply in spring or fall. Do not harvest for feed or graze livestock in the year of treatment. See the section VENTURE TANK MIXED WITH BROADLEAF HERBICIDES.
Soybeans (Eastern Canada Only)	1.4 L/ha	90	BASAGRAN®	Do not apply VENTURE later than the third trifoliate leaf stage of the crop. See the section VENTURE TANK MIXED WITH BROADLEAF HERBICIDES.

BROADLEAF WEEDS: VENTURE Herbicide will not control broadleaf weeds. Therefore, a recommended herbicide for control of broadleaf weeds should be applied separately unless a tank mix is otherwise recommended on this label. Do not apply VENTURE Herbicide following a broadleaf postemergent herbicide. Where VENTURE Herbicide is to be used in sequence with a postemergent broadleaf herbicide, other than MUSTER, apply VENTURE Herbicide first and wait at least 3 days before applying the other herbicide. Where MUSTER is to be used in sequence with VENTURE Herbicide, apply MUSTER first, and wait at least 4 days before applying VENTURE Herbicide. Following these sequences will avoid crop injury. Consult the other product labels for application and precautionary statements.

VENTURE Herbicide TANK MIXED WITH BROADLEAF HERBICIDES

- 1. Read and strictly follow the precautions and use directions on the label of the broadleaf weed herbicide to be used.**
- 2. Rates of use and timing of application should be as indicated on each product label in the tank mix.**
3. Timing of the application to grass & broadleaf weeds should coincide with the optimum treatment stage of both the grass and broadleaf weeds as indicated on each product label or else control may be lessened.
4. See MIXING INSTRUCTIONS, ADJUVANTS and SPRAYING INSTRUCTIONS sections for further information.

Canola - LONTREL Tank Mix: Labelled rates of VENTURE Herbicide can be tank mixed with LONTREL for use in Canola or Triazine Tolerant Canola. **No additional adjuvant is required.**

Canola - MUSTER Tank Mix: VENTURE Herbicide at 0.8 to 1.4 L/ha can be tank mixed with MUSTER for use in Canola or Triazine Tolerant Canola. **No additional adjuvant is required. CAUTION: Apply MUSTER at 2 leaf stage (true leaves) or later to avoid injury. CAUTION: Do not apply MUSTER tank mix on Polish varieties of canola as injury may result.**

Canola - BLADEX Tank Mix: VENTURE can be tank mixed with BLADEX liquid for use in Triazine tolerant Canola. No additional adjuvant is required.

Soybean - BASAGRAN Tank Mix: Labelled rates of VENTURE can be tank mixed with labelled rates of BASAGRAN. Always add Assist or Charge at .5% v/v or 5 L/1000 L of spray solution. Adjuvants must be added to spray tank last.

Creeping Red Fescue (Seedling and Established) - ALLY® Tank Mix: VENTURE Herbicide at 1.4 L/ha can be tank mixed with ALLY for use in Creeping Red Fescue grown for seed. **No additional adjuvant is required.**

MIXING INSTRUCTIONS (For all tank mixes as directed): Thoroughly clean the sprayer by flushing the system with water containing detergent. Fill the tank about half full of clean water and start the agitation system. Add the required amount of VENTURE Herbicide and agitate for 2 to 3 minutes. Then add the required amount of broadleaf weed herbicide next and continue to agitate. Lastly add the adjuvant, continue to agitate while filling the rest of the tank with clean water.

SPRAYING INSTRUCTIONS: A sprayer equipped with standard flat fan nozzles is recommended. Nozzles may be angled forward 45° to enhance spray coverage on weeds. The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Ensure thorough and uniform coverage of the entire leaf area of the target plants. Apply VENTURE Herbicide and tank mixtures in 50 to 200 L of water per hectare and use a pressure of 200 to 300 kPa. Higher pressures (up to 425 kPa) are recommended for applications to dense weed infestations or to dense crop canopies to ensure thorough coverage. When bank spraying, use a proportionately smaller sprayer volume per hectare. Use ground sprayers only. **DO NOT APPLY BY AIR.**

Resistance-Management Recommendations

For resistance management, VENTURE EC Herbicide is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to VENTURE 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 VENTURE EC 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 company representatives at 1-800-459-2422 (in Eastern Canada) or 1-800-665-9250 (in Western Canada) or at www.syngenta.ca.

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LONTREL is a registered trademark of DowAgro Canada Inc.
VENTURE is a registered trademark of a Syngenta Group Company

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