



Concentrate 8%

AN INSECT GROWTH REGULATING PRODUCT FOR USE IN CATTLE, EQUINE, SHEEP, AND GOAT FEED-THROUGH PRODUCTS FOR CONTROL OF FLIES DEVELOPING IN MANURE

ACTIVE INGREDIENT

Diflubenzuron (CAS # 35367-38-5) 8%

OTHER INGREDIENTS: 92%

TOTAL 100%

Contains 1.28 ounces (36.32 grams) of diflubenzuron per pound.

EPA Reg. No. 270-379-89459

EPA Est. No. 2724-TX-1

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS – CAUTION

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

Call a poison control center or doctor immediately for treatment advice.

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

If Swallowed • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person. (continued)

SPECIMEN LABEL

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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents, call 1-800-347-8272, 24 hours per day, 7 days per week.

PERSONAL PROTECTIVE EQUIPMENT

Mixers and other handlers must wear long-sleeved shirt and pants, shoes plus socks and waterproof gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RESISTENCE MANAGEMENT

For resistance-management, please note that **ClariFly® Larvicide Concentrate 8%** contains a Group 15/diflubenzuron insecticide. Any insect population may contain individuals naturally resistant to **ClariFly® Larvicide Concentrate 8%** and other Group 15 insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Central Garden & Pet Company at 1-800-347-8272.

ClariFly® Larvicide Concentrate 8% prevents the development of fly larvae in the manure of treated cattle, equine, sheep, and goats. When fed to cattle, equine, sheep, and goats according to label directions, **ClariFly® Larvicide Concentrate 8%** prevents the emergence of horn flies, face flies, house flies and stable flies from the manure of treated cattle and prevents the emergence of house flies and stable flies from the manure of treated equine, sheep, and goats. Start feeding early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

ClariFly® Larvicide Concentrate 8% horn flies, face flies, house flies and stable flies from the manure of treated cattle and house flies and stable flies from the manure of treated equine, sheep, and goats, but is not effective against existing adult flies. When starting a feeding program during the fly season, it is desirable to use other control measures to reduce the population of existing adult flies.

In some cases, supplemental fly control measures may be needed in and around cattle and equine, sheep, and goat, barns, paddocks, and houses to control adult house flies and stable flies, which can breed not only in cattle, equine, sheep, and goat manure, but in decaying vegetable matter or silage on the premises. In order to achieve optimum fly control, use **ClariFly® Larvicide Concentrate 8%** in conjunction with other good management and sanitation practices.

The dosage of **ClariFly® Larvicide Concentrate 8%** is proportional to the animal's body weight and must be offered daily throughout

the entire fly season. The following table provides the feeding rate for all approved species.

Species	Daily Feeding Rate of Diflubenzuron Active Ingredient	
	mg/kg	mg/cwt
Cattle - This product may be fed to beef and dairy cattle, including breeding cattle, lactating dairy cattle, growing and finishing cattle and calves, either in dry lot or on pasture up to slaughter and to lactating dairy cows without withholding milk from market during or after treatment.	0.10	4.55
Equine - This product may be fed to horses including ponies, burros, and donkeys.	0.15	6.82
Sheep and Goats - This product may be fed to sheep and goats with no withdrawal period.	0.40	18.18

ClariFly® Larvicide Concentrate 8% is a specially formulated granular material for use in cattle, equine, sheep, and goat feeds. It is approved for use in supplements, complete feeds, concentrates, premixes, hand feeds, mineral supplements, blocks, and tubs. It may also be used in liquid feeds when suspension agents are used to maximize the positional stability of the other feed ingredients.

Cattle Feed Mixing Directions - 0.10 mg/kg/day
The following formula can be used when mixing cattle rations, including complete feeds, liquid feeds, supplements, premixes, supplements for hand feeding and mineral mixes.
$\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.25 = \text{lbs of ClariFly® Larvicide Concentrate 8\% per ton of product being manufactured}$

Feed Mixing Directions for Calves Weighing Between 50 and 200 Pounds

Use the following table when formulating calf starters and milk replacers to be fed to calves weighing between 50 and 200 pounds:

		INCLUSION RATE	
CALF WEIGHT	FEED INTAKE lb/head/day	Lb of ClariFly® Larvicide Concentrate 8%/ton	G of Diflubenzuron/ton
50 – 99 lbs	1.0 – 1.4	0.250	9.1
100 – 150 lbs	1.0 – 1.4	0.375	13.6
100 – 170 lbs	1.5 – 1.7	0.300	10.9
100 – 200 lbs	≥ 1.8	0.250	9.1

Equine Feed Mixing Directions - 0.15 mg/kg/day
The following formula can be used when mixing equine rations, including complete feeds, tubs and blocks.
$\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 0.375 = \text{lbs of ClariFly® Larvicide Concentrate 8\% per ton of product being manufactured}$

Sheep and Goat Feed Mixing Directions - 0.40 mg/kg/day

The following formula can be used when mixing sheep and goat rations, including complete feeds, liquid feeds, supplements, premixes, supplements for hand feeding and mineral mixes.

$$\left(\frac{\text{CWT}}{\text{Consumption (lbs)}} \right) \times 1.0 = \text{lbs of ClariFly® Larvicide Concentrate 8\% per ton of product being manufactured}$$

STORAGE AND DISPOSAL - Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Keep this product in its tightly closed original container in a cool, dry (preferably locked) area that is inaccessible to children and animals. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this pesticide may be disposed of on site or at an approved waste disposal facility. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into mixing equipment. Offer for recycling if available, then dispose of empty bag in a sanitary landfill or by other procedures approved by state and local authorities.

CONDITIONS OF WARRANTIES AND LIMITATIONS OF LIABILITY: Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Central Garden & Pet Company. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries, or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Central Garden & Pet Company's election, the replacement of product.

For information or in case of emergency, contact
1-800-347-8272.

www.centralflycontrol.com

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