**Natural™ G30**

**Mosquito Larvicide / Extended Release Granule**

To be used in governmental mosquito control programs, by professional pool control operators, or in other mosquito or midge control operations.

**Active Ingredient (dry weight basis):**

spinosad (a mixture of spinosyn A and spinosyn D) 2.5%

**Other ingredients:***

100%

**U.S. Patent No. 5,392,034 and 5,499,551**

*A Naturalis® Insect Control product*

**Natural G30 is a 2.5% extended release granule**

**Group:**

INSECTICIDE

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**Keep Out of Reach of Children**

**CAUTION**

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

Harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or clothing. Wear protective eyewear such as goggles, face shield, or safety glasses.

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**First Aid**

**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.

**If in eyes:**

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

**Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-214-7763 for emergency medical treatment information.**

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**Environmental Hazards**

This product is toxic to aquatic organisms. Non-target aquatic invertebrates may be killed in waters where this product is used. Do not contaminate water when cleaning equipment or 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. Read all Directions for Use carefully before applying.

**General Information**

**Natural G30** is a Natural™ product for killing mosquitoes and midge larvae. This product's active ingredient, spinoza, is biologically derived from the fermentation of a soil bacterium that naturally occurs on cereal grains. Natural G30 releases active levels of spinoza for up to 30 days under typical environmental conditions. Natural G30 may be applied with ground or aerial equipment.

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**General Use Precautions**

**Integrated Pest Management (IPM) Programs**

Natural G30 is intended for killing mosquitoes and mudge larvae. Mosquitoes are pest controlled when an IPM program is followed. Label control efforts should be managed through habitat mapping, active adult and larval surveillance, and integrated with other control strategies such as source reduction, public education programs, barrier use or barrier adult mosquito control applications, and targeted aquatic applications.

**Insecticide Resistance Management (IRM)**

Natural G30 contains Group 5 insecticides. Insecticides with acquired resistance to Group 5 insecticides may eventually dominate the insect population if appropriate resistance management strategies are not followed. Currently, only an ingredient and active ingredient are classified as Group 5 insecticides. Resistance to other insecticides is not likely to impact the effectiveness of this product. Spinoza may be used in rotation with all other labeled products in a comprehensive IPM program.

To minimize the potential for resistance development, the following practices are recommended:

- **Base insecticide use on comprehensive IPM and IRM programs.**
- Routinely evaluate applications for loss of effectiveness.
- Rotate with other labeled effective mosquito larvicides that have a different mode of action.
- In dormant rice fields, standing water within agricultural/crop sites, and permanent marsh and freshwater sites, do not make more than 5 applications per year.
- **Use insecticides with a different mode of action** (different insecticide group) on adult mosquitoes or that both larvae and adults are not exposed to products with the same mode of action.
- **Contact your local extension specialist, technical advisor, and/or Clarke representative for insecticide resistance management and/or IRM recommendations** for the specific site and resistant pest problems.

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**Applications**

Proper application techniques help ensure adequate coverage and correct dosage necessary to obtain optimum kill of mosquito and midge larvae. Apply Natural G30 according to the label directions. 

**Aerial Application**

Fixed-wing aircraft or helicopters equipped with granular spreaders capable of applying up to 1 lb/a to 20 acres per acre may be applied to use Natural G30. Aerial application equipment should be carefully calibrated before use to be sure it is working properly and delivering a uniform distribution pattern. Avoid overlaps that will increase the dosage of Natural G30 above labeled limits. Avoid spraying drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all these factors when making application decisions.

**Application Sites and Rates**

Apply Natural G30 at 5 to 20 lb/a per acre. Rates are equivalent to 5 to 20 g per 100 sq ft of water surface for efficacious kill of mosquito and midge larva in the fished habitat sites. Within this range, use lower rates when water is shallow, vegetation and/or pollution is minimal, and mosquito populations are low. Do not use less than the labeled minimum rate. Use higher rates when water is deep, vegetation and/or pollution are high, and mosquito populations are high. Natural G30 may be applied at rates up to 20 lb/a per acre in waters high in organic content, deep-water mosquito habitats or those with dense surface cover, and where monitoring indicates a lack of kill at typical rates. Reapply after 30 days. More frequent applications may be made if monitoring indicates that larval populations have reestablished or weather conditions have rendered initial treatments ineffective.

**Non-Crop Sites**

Apply Natural G30 in the following non-crop sites to kill mosquito larvae species:

- **Temporary Standing Water:** Woodland pools, snow pools, roadside ditches, retention ponds, spent irrigation ditches, firefighting water supplies, larval development in or around manmade depressions, rock pools, hot holes and similar areas subject to holding water.

- **Other Freshwater Sites:** Natural and manmade aquatic sites; edges of lakes, ponds, canals, stream sides, creek edges, and detention ponds.

- **Freshwater Swamps and Marshes:** Mixed hardwood swamps, cattail marsh, common reed wetlands, water hyacinth ponds, and similar freshwater areas with aquatic vegetation.

- **Marine/Coastal Areas:** Intertidal areas above the mean high water mark, mangroves, brackish water swamps and marshes, coastal impoundments and similar areas.

- **Stormwater/Drainage Systems:** Storm sewers, catch basins, drainage ditches, and similar areas.

- **Wastewater:** Sewage effluents, sewers, sewage lagoons, cesspools, oxidation ponds, septic ditches and tanks, animal waste lagoons and settling ponds, livestock runoff lagoons, wastewater impoundments associated with fruit and vegetable processing, and similar areas.

- **Dormant Rice Fields:** Impounded water in dormant rice fields for application only during the interval between harvest and preparation of the field for the next crop.

- **Natural and Artificial Containers:** Tree holes, bromeliads, leaf axils, and other similar natural water holding containers; cemetery vases, bird baths, flower pots, bird baths, isopods, aquatic birds, different aquatic species and similar containers.

- **Containers with Water:** Non-reifiable container. Do not reuse or refill this container. Ovenable, microwaveable, non-plastic, disposable, non-metal, thin-walled plastic containers, glass, bottles, or other disposables such as: lawn, leafy, yard, garden, or lawn fertilizers.

- **Agricultural/Crop Sites Where Mosquito Breeding Occurs**

Apply Natural G30 at the rate of 5 to 20 lb/a per acre in standing water within agricultural/crop sites. Water bodies such as rice fields, natural and larval water sites: pastures: pastures/madow fields, rangelands, orchards, vineyards, and citrus groves. Do not apply to waters intended for irrigation.

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**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in a cool dry place in original container only.

**Pesticide Disposal:** Waster resulting from the use of this product must be disposed of on site or at approved waste disposal facility.

**Container Handling:** Non-reifiable container. Do not reuse or refill this container. Ovenable, microwaveable, non-plastic, disposable, non-metal, thin-walled plastic containers, glass, bottles, or other disposables such as: lawn, leafy, yard, garden, or lawn fertilizers.

**Warranty**

To the extent consistent with applicable law, CLARKE MOSQUITO CONTROL PRODUCTS, its parents, its affiliates, its successors or assigns, its natural or legal representatives, employees, independent contractors, agents, or other persons or entities who have distributed or sold the product or who have furnished the product, or any part of it other than as indicated on the label. Buyer assumes all risk of use or otherwise of this material when use and handling is contrary to label instructions.

**Naturely™ is a Trademark of Dow AgroSciences LLC**

**Natural™ is a Trademark of Clarke Mosquito Control Products, Inc.**

Manufactured for Clarke Mosquito Control Products, Inc. 1 North Garden Avenue, Rowell, FL 346172

**EPA Reg. No. 8239-93**

**Net Contents:** 40 lbs / 18.14 kg

**Lot/Batch No:** ALD122