CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Meridian®

Turf Insecticide

syngenta®

ACTIVE CONSTITUENT: 250 g/kg THIAMETHOXAM

GROUP 4A INSECTICIDE

For control of African Black Beetle, Argentinian Scarab and Billbug in Turf

Syngenta Australia Pty Ltd
Level 1, 2-4 Lyonpark Road, Macquarie Park NSW 2113

In a transport emergency dial 000, Police or Fire Brigade
For specialist advice in an emergency only, call 1800 033 111 (24 hours)

APVMA Approval No: 58185/52699

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DIRECTIONS FOR USE

Restraints
DO NOT apply aerially
DO NOT apply if heavy rain is forecast

Situation	Pest	Rate	Critical Comments
Turf, Lawns	First instar larvae of African Black Beetle (*Heteronychus arator*)	800 g to 1.2 kg/ha in at least 500 L water/ha	Apply prior to or at peak egg hatch, mid spring to early summer, or when small larvae are present. Ensure product placement as close to soil surface as possible. Total application volume should not be lower than 500 L/ha. For best results use extremely coarse droplets [Turbo Floodjet* (TF5) or TurfJet* (TTJ10)]. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.
	First and second instar larvae of Argentinian Scarab (*Cyclocephala signaticollis*)		
	Larvae of Billbug (*Sphenophorus brunnipennis*)		Monitor adult activity through late spring and early summer. Spray when numbers peak or when small larvae (4 mm) are found in the thatch or surface soil. Early application is essential to minimise grass damage due to feeding. Use the higher rate when pest pressure is high or 2nd instar larvae are present. Ensure product placement as close to soil surface as possible. Total application volume should not be lower than 500 L/ha. For best results use extremely coarse droplets [Turbo Floodjet (TF5) or TurfJet (TTJ10)]. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD: DO NOT GRAZE TREATED TURF/LAWN, OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

Mixing
Add the required amount of MERIDIAN to clean water in half-filled spray tank with the agitator or by-pass in operation. Maintain agitation while filling tank with remainder of water. Agitate whilst spraying.

Application
To be effective MERIDIAN requires to be placed as close to the soil surface as possible. Ensure that equipment is properly calibrated to give an even distribution at the correct volume. Apply in a minimum of 500 L water/ha. For best results use extremely coarse droplets [Turbo Floodjet (TF5) or TurfJet (TTJ10)].

Compatibility
As formulations of other manufacturer's products are beyond the control of Syngenta, and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

Insecticide Resistance Warning **GROUP 4A INSECTICIDE**

For insecticide resistance management MERIDIAN Insecticide is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to MERIDIAN and other Group 4 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if MERIDIAN or other Group 4 insecticides are used repeatedly. The effectiveness of MERIDIAN on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from failure of MERIDIAN to control resistant insects. MERIDIAN may be subject to specific resistance management strategies. For further information contact your supplier, Syngenta representative or local agricultural department agronomist.

PRECAUTION
Re-entry period: DO NOT allow entry into treated areas until the treated areas have been fully irrigated as per Directions for Use, unless wearing chemical resistant footwear and gloves. DO NOT perform hand weeding and/or transplanting for 5 days after application unless wearing chemical resistant gloves. Footwear and gloves must be rinsed after each day's use.

PROTECTION OF LIVESTOCK
Dangerous to bees. DO NOT spray any plants in flower while bees are foraging. DO NOT graze treated turf/lawn, or feed turf/lawn clippings from any treated area to poultry or livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Toxic to certain aquatic invertebrates. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto adjacent areas, particularly wetlands, waterbodies or watercourses. DO NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL
Store in the closed container in a dry, cool, well ventilated area out of direct sunlight.
Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS
Will irritate the eyes and skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water.
When opening the container and preparing the spray wear:
- **cotton overalls buttoned to the neck and wrist over clothing (ie double layer of clothing)**
- **a washable hat**
- **elbow-length PVC gloves**
- **goggles**

When using the prepared spray wear:
- **cotton overalls buttoned to the neck and wrist over clothing (ie double layer of clothing)**
- **a washable hat**
- **elbow-length PVC gloves**

Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID
If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.

MATERIAL SAFETY DATA SHEET
If additional hazard information is required, refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at www.syngenta.com.au

DISCLAIMER
This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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