
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Siganex[®] 600 SC

FUNGICIDE

ACTIVE CONSTITUENT: 600 g/L PYRIMETHANIL

GROUP 9 FUNGICIDE

For the control of yellow sigatoka, leaf speckle and cordana leaf spot in bananas as specified in the DIRECTIONS FOR USE table

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

Siganex is a member of the anilinopyrimidine group of fungicides. For fungicide resistance management the product is a Group 9 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 9 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group 9 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from failure of this product to control resistant fungi.

Resistance Management Strategy

Do not make more than two consecutive applications of Siganex or other Group 9 fungicides before changing to a fungicide belonging to a different activity group. After making two consecutive applications of Group 9 fungicides, follow with at least two applications of fungicides belonging to a different activity group before resuming with a Group 9 fungicide. The total number of Group 9 fungicides which may be applied to a banana block in a 12 month period is limited to 6 for tropical regions and 5 for sub-tropical regions.

Integrated Pest Management

Siganex is suitable for use in IPM programmes. Siganex is harmless to predators in situations where integrated mite control is practised.

Export of Treated Produce

Growers should note that MRLs or import tolerances do not exist in all markets for bananas treated with Siganex. If you are growing bananas for export, please check with Bayer CropScience Pty Ltd for the latest information on MRLs and import tolerances before using Siganex.

Crop Oils

Siganex requires the addition of a high quality (narrow range) water miscible mineral crop oil. As formulations of mineral spray oils are beyond the control of Bayer CropScience please refer to Bayer CropScience, your chemical reseller, aerial applicator or the manufacturer of the oil to ensure that it is physically and biologically compatible with Siganex before applying.

Mixing

Add the required amount of Siganex directly to the spray tank half-filled with water, with agitators in motion, or with constant mechanical agitation. Then add the water miscible mineral crop oil, and the remainder of the water and mix well, under constant agitation. Do not allow the spray mixture to remain in the tank for long periods without agitation.

Application

Apply at least 30 litre of spray mixture per hectare for aerial application. For ground application, apply in sufficient water volume and with a sprayer set-up to ensure even and thorough coverage of leaf surfaces.

Compatibility

DO NOT mix Siganex with any additive other than a high quality (narrow range) water miscible mineral crop oil.



PRECAUTIONS

Do not use human flaggers/markers unless they are protected by engineering controls such as enclosed cabs.

Re-entry period

Do not allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, which could be expected to cause spray to drift onto adjacent crops, croplands, pasture, livestock or aquatic areas.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children.

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label that is attached to the container.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray wear elbow length PVC gloves. If applying by hand [using backpack spray] wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 131126).

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from www.crop.bayer.com.au.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111
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DIRECTIONS FOR USE**RESTRAINTS**

DO NOT mix this product with any type of spray additive with the exception of high quality water miscible crop oil.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Bananas (Qld, NSW, WA, NT only)	Yellow sigatoka (<i>Mycosphaerella musicola</i>), leaf speckle (<i>Mycosphaerella musae</i>), cordana leaf spot (<i>Cordana musae</i>)	660 mL/ha plus a high quality (narrow range) water miscible mineral crop oil at 2 - 5 L/ha	<p>Siganex should be applied as part of a regular program of fungicide sprays, alternating with fungicides from different chemical groups.</p> <p>For optimum disease control maintain thorough de-leafing practices to reduce disease inoculum. Old leaves and leaves with advanced lesions, or infected parts of the leaf, should be removed regularly and prior to the application of Siganex.</p> <p>Intervals between fungicide applications generally should be 14-21 days, but should be modified for locality, disease conditions, and leaf emergence or growth rates.</p> <p>Siganex should only be applied with a high quality water miscible mineral crop oil (applied at 2 - 5 L/ha) and diluted with sufficient water to ensure thorough coverage of all leaf surfaces (minimum 30 L/ha spray volume when applied by air).</p> <p>Choose an oil rate based upon disease pressure i.e. use a lower oil rate under low disease pressure, and higher oil rate under high disease pressure.</p> <p>The surface of recently emerged fruit is particularly prone to marking damage from spray applications under certain circumstances, including high temperatures, strong direct sunlight and rapid fruit growth. To minimise the risk of fruit marking, it is recommended that all emerged bunches be bagged prior to spraying under such circumstances.</p> <p>This use is subject to a CropLife resistance management strategy, which limits the total number and the number of consecutive applications of Group 9 fungicides. Please refer to the GENERAL INSTRUCTIONS for details of the resistance management strategy.</p>

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED