

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

Flint[®] 500 SC

FUNGICIDE

Active Constituent: 500 g/L TRIFLOXYSTROBIN

GROUP K FUNGICIDE

For the control of certain diseases of bananas as specified in the DIRECTIONS FOR USE table

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

Flint 500 SC is a member of the strobilurin group of fungicides. For fungicide resistance management Flint 500 SC is a Group K fungicide. Some naturally occurring individual fungi resistant to the product and other Group K 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 K 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 the failure of this product to control resistant fungi.

Resistance Management Strategy

Refer to the relevant Avcare Resistance Management Strategy available from your Flint supplier, Bayer CropScience representative or www.avcare.org.au for details of how to manage potential resistance development to Flint 500 SC and other Group K fungicides.

Integrated Pest Management

Flint 500 SC is suitable for use in IPM programmes. Flint 500 SC is harmless to predators in situations where integrated mite control is practised.

Compatibility

DO NOT mix Flint 500 SC with any additive other than high quality (narrow-range) water miscible mineral crop oils. 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 Flint. **IMPORTANT** – if using Flint with a mineral crop oil in crops with exposed (un-bagged) bunches, please refer to the Special Warning section following.

Special Warning

There are certain conditions when the surface of recently emerged fruit is particularly prone to marking damage from spray applications. In circumstances where application will be made to very rapidly growing fruit in hot conditions with strong direct light, it is recommended that all emerged bunches be bagged prior to spraying to minimise risk of fruit marking. If using Flint with a mineral oil in blocks with un-bagged bunches, please contact Bayer CropScience, your chemical reseller or aerial applicator for up to date information regarding the oil formulations recommended by Bayer CropScience.

Mixing and Application

Add the required amount of product to half of the water in the spray tank. Then add the water miscible mineral crop oil (if using) and the remainder of the water and mix well.

If the banana crop is destined for export, the bananas should be bagged prior to spraying to ensure that MRLs of trifloxystrobin are below the MRLs for export destinations.

Aerial application

Apply at least 20 L of spray mixture per hectare for aerial application. DO NOT apply within 10 metres upwind of aquatic areas including, natural streams, rivers and waterways.

Mixing difficulties may occasionally be encountered when using low application volumes in combination with very soft water. The problem can be readily alleviated by the addition of a suitable buffering agent to the spray tank.

Export of Treated Produce

Maximum Residue Limits (MRLs) may be lower or not be established in export markets. Check with your Industry Association or Bayer CropScience prior to using this product on crops destined for export. Bagging of bunches prior to spraying will reduce the likelihood of detectable residues occurring in bananas.

PRECAUTIONS**Re-entry**

DO NOT allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist, a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

Caution

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

PROTECTION OF LIVESTOCK

Low hazard to bees – product may be applied to plants at any time of day.
DO NOT allow stock to graze in any treated areas.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms.

DO NOT apply if heavy rain or storms are forecast to occur within the immediate areas.

DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly streams, rivers or other bodies of water.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in closed original container in a dry, well ventilated place as cool as possible out of direct sunlight.

Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from www.bayercropscience.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.

Flint® and Folicur® are Registered Trademarks of Bayer.

APVMA Approval No.: 59837/1105

FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111

DIRECTIONS FOR USE

CROP	DISEASE	RATE	CRITICAL COMMENTS
Bananas (Qld, NSW, WA & NT only)	Yellow Sigatoka, black Sigatoka, cordana leaf spot	150 mL/ha (plus a high quality water miscible mineral crop oil at up to 5 L/ha*)	<p>This use is subject to an Avcare resistance management strategy.</p> <p>Flint should be applied as part of a regular program of fungicide sprays, alternating with fungicides from different chemical groups. For optimum disease control maintain thorough de-leafing practices, in accordance with industry guidelines, to reduce disease inoculum. Old leaves, and leaves with advanced lesions should be removed, or infected parts of the leaf removed, prior to the application of Flint.</p> <p>Intervals between fungicide applications generally should be 14-21 days, but should be modified for locality, disease conditions, and leaf emergence growth rates.</p> <p>Flint should be diluted with sufficient water to ensure thorough coverage of all leaf surfaces (minimum 20 L/ha spray volume when applied by air).</p> <p>*When conditions are favourable for disease development, a high quality (narrow-range) mineral crop oil should be applied with Flint. Refer to the Compatibility section of the label for information on mineral crop oils. Use the maximum rate of oil appropriate to the conditions at time of spraying, up to 5 L/ha. Flint should only be applied without oil during dry conditions or when disease pressure is low.</p> <p>Do not apply consecutive Flint applications. Apply a minimum of 2 sprays from a different activity group, e.g. Folicur[®] 430 SC, between sprays of Flint or other Group K fungicides. In the Tropics (North Qld, NT and Northern WA) DO NOT apply Group K sprays in the months of May, June, July, August and September. Apply a maximum of 4 applications of Flint (or other Group K fungicides) to any banana block in a 12-month period. Flint should not be used where foliar diseases are in an advanced stage of development.</p>

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

WITHHOLDING PERIODS:

Bananas: NOT REQUIRED WHEN USED AS DIRECTED

EXPORT HARVEST INTERVALS:

Bananas: NOT REQUIRED WHEN USED AS DIRECTED (Refer to Export of Treated Produce)