

BASE
NON PRINTABLE

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S-PAC

DESCRIPTION:
BOOKLET TnT / 4-16 PG 134X43 MM

SCALE:
1:1

ISSUE NO:
SYN002

ISSUE DATE:
26.02.2020

4114435

Water dispersible granules.

Bion® 50 WG is a plant activator with systemic properties for the protection of tobacco plants against *Pseudomonas syringae* pv. *tabaci* (wildfire and angular leaf spot), *Thanatephorus cucumeris* (Rhizoctonia leaf spot) and *Cercospora nicotianae* (frog eye).

GROUP P01 FUNGICIDE

Composition: m/m
Acibenzolar-S-methyl.....50%
Inert Ingredients.....50%

Product names marked ® or ™, the ALLIANCE FRAME, the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

 BRAND LOGO
Bion 50WG

syngenta®

Reg. No.:
99-B-68-1

60 g

CAUTION

Apply appropriate PPE
or refer to the label
HARMFUL IF SWALLOWED



Before using this product read and understand the entire label.

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

Shelf Life: 2 years if stored in a cool dry place in original unopened container.

Registered by:
Syngenta Agro AG
32 Sandringham Drive,
Alexandra Park, Harare
Tel.: 08677005432/08677005434

L1079545 ZIMB/08Z PPE 4146129

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20mm BOOKLET SPINE SHOULD BE KEPT VARNISH FREE

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Precautions

- Handle with care: avoid splashing / contact; poisonous by swallowing, inhalation and contact with skin.
- Wear protective clothing i.e. gloves, overall, rubber boots.
- Do not eat, drink or smoke while applying this product.
- Remove protective clothing on completion of spraying and wash hands and face thoroughly with soap and water.
- DANGEROUS TO FISH.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP APART FROM FOOD AND FOODSTUFFS, seeds and fertilizers.
- Store in original container in a cool, dry place and KEEP UNDER LOCK AND KEY.

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- Use only on crops for which the product is registered.
- Avoid drift onto adjacent crops or soil.
- Decontamination of Sprayer – after use clean the sprayer thoroughly and ensure that all traces of Bion 50 WG are removed. Make use of the following method: (a) Drain tank then rinse tank, sprayer boom and hoses with clean water for at least 10 minutes. (b) Fill tank with clean water and add to it 1,0 litre household bleach (5%) or 1,5 litres household bleach (3,5%) per 200 litres of water. Rinse hoses and sprayer boom and leave in the tank for 15 minutes whilst agitating. Drain through the nozzle outlets. (c) Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash

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water at a site
designated for the disposal of pesticides.

- Empty container disposal – rinse the container 3 times with a volume of water equal to at least 10% of that of the container. And the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening.
Place it in a secure disposal area and offer it for recycling.
DO NOT use it for any other purpose.

Symptoms of poisoning:

No case of human poisoning is on record.

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First Aid:

If poisoning is suspected, stop work immediately and seek medical advice.

In case of contact with skin and eyes, wash immediately with plenty of water. Rinse splashes from eyes with abundant fresh and clean water for at least 10 minutes. If inhaled move to clean air. If swallowed give a large quantity of medical charcoal in plenty of water.

Note to physician:

No specific antidote is known. Apply symptomatic therapy.

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Warranty:

The user bears the risk for damage resulting from factors beyond the manufacturer's control. Although the likelihood of a shift in sensitivity of pathogen strains to a plant activator like Bion® 50 WG is very low, the occurrence of such strains cannot be forecast. Therefore, neither the manufacturer nor its distributors can accept responsibility for any loss or damage caused by failure of Bion® 50 WG to protect plants against strains with decreased sensitivity.

All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefore.

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Warning:

- Seedbed sprays may cause slight stunting and paler seedlings. A standard top dressing will correct this.
- Pre-harvest interval = 7 days.

Mode of Action:

Acibenzolar-S-methyl is a plant activator and has no direct activity against diseases. Applied to plant leaves, it activates the plant's natural defence mechanisms thereby improving the plants resistance to the above pathogens. Acibenzolar-S-methyl moves rapidly and efficiently into leaves and is translocated basipetally (downward), acropetally (upward) and translamarily (across leaves).

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Preparing Mixture

Fill about a quarter of the sprayer tank with clean water, start agitation, add the measured quantity of Bion® 50W G and continue to refill the sprayer tank with agitation. Continue agitation during mixing and application to maintain a uniform spray mixture.

Compatibility

Bion® 50 WG has properties for tankmixing with most fungicides, herbicides and insecticides. Although no specific compatibility problems are known, it is generally recommended that this point be checked with locally available partner formulations on a small scale first. If Bion® 50 WG is tank mixed with other products, add these products to the water in the

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spray tank in the following order:
1st Bion® 50 WG, 2nd mixing partner.

Date of manufacture: / Batch No.: Please refer to inkjet print.

MAXIMUM PRINT AREA

81mm x 35mm

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Direction for Use

Crop. Growth stage	Application Rate	No. of applications	Application Timing	Application Method
Tobacco: (TRB Certificate No. 21-24-B-22)				
1. Seedbeds	125 g / 100 litres 40 ml / m ² first spray 60 ml / m ² second spray	2	First spray 7 weeks after sowing, second, two weeks later.	HV: 400-600 lt / ha

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Crop. Growth stage	Application Rate	No. of applications	Application Timing	Application Method
2. Field	60 g / ha	1-2	First spray, 5-6 weeks after trans-planting, second, 2-3 weeks later.	HV: 400 lt / ha ULV: 12,5-25 lt / ha

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Emergency Call Number:

Swiss Toxicological Information Centre (24 h) +41 44 251 51 51
(INCLUDING ONE BLANK FOR GLUE)

Manufacturer: Syngenta Crop Protection AG, Basel, Switzerland

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GLUE PAGE