

Technical Data Sheet

BANGUARD™ 80 WG

Chemical Synonym

Tetramethylthiuram disulfide, Bis (dimethyldithiocarbamoyl) disulfide, Thiuram

Applications

- Fungicides

Product Description

Banguard 80 WG is formulated as water-dispersible granules using GRANUFLO® process.

GRANUFLO® formulations have the following advantages:

- the spherical granules are virtually dust-free, owing to their mechanical strength;
- they can be measured like a liquid and disperse rapidly in water without foaming;
- the formulations are not sensitive to frost and do not contain solvent.

Principal applications for Banguard 80 WG include:

- Fungicide for crop protection: fruit trees and berries, vineyards, vegetables, market gardening, ornamental plants and flowers.
- Fungicide for seed dressing.
- Repellent to protect seeds and crops from being eaten by birds, small mammals, rabbits and game (deer, hares).

Thiram controls among others the following diseases:

- Pip fruits: *Venturia* (scab), *Monilia* (brown rot), *Stemphylium* (brown spot of pears), *Botrytis Gloeosporium* (bitter rot), *Alternaria*.
- Stone fruits: *Taphrina* (leaf curl), *Coryneum* (shot holes) *Monilia*.
- Strawberry: *Botrytis*, *Colletotrichum* (black spots) and *Phytophthora*
- Banana: *Mycosphaerella* (sigatoka disease)
- Vegetables: *Botrytis*, *Colletotrichum* (anthracnose), *Septoria*, *Plasmodiophora*, *Rhizoctonia*.
- Grapes: *Botrytis*, *Anthracois*.
- Seeds : *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria*, *Septoria*, *Phoma*.

For authorized crop protection uses, please refer to the registrations in your country.

Thiram is compatible with IPM (Integrated Pest Management) programs, as it is neutral to beneficial insects and Typhlodromus.

Thiram is not phytotoxic.

Not all uses and/or products are registered in all countries/regions. Please contact your local Customer Service Representative for availability in your region.

Typical Properties

Property	Typical Value, Units
General	

Molecular Formula	C ₆ H ₁₂ N ₂ S ₄
Molecular Weight	240.4
Melting Point ^a	Approx. 150 °C
Thiram content	79.0-82.5 wt %

^aWith decomposition

Compatibility and Solubility

Soluble in acetone, chloroform, dichlormethane and ethylacetate.

Practically insoluble in water.

Dispersable in water.

Decomposes under acidic conditions.

Packaging

The following pack types are currently available:

Packaging	Individual	Outer pack
Cardboard boxes (inner bag: polyethylene coated kraft paper)	1 kg 5 kg 10 lbs	10 x 1 kg 4 x 5 kg 4 x 10 lbs
Paper bags	10 kg 30 lbs 20 kg	- - -
Big bags	1000 kg	-

Storage

Store in a dry well-ventilated place away from foodstuffs. No reduction in the assay of the active substance has been observed after storage for 2 years in the original packing under normal conditions.

Protect against acids and substances liberating acids.

In the event of accidental spillage the split product should be collected for incineration. Notify the appropriate authorities immediately if there is any risk of contamination of watercourses.

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