

Dash Combi™

Dash Combi™ is a suspension concentrate fungicide, with protective and curative properties, for the control of fungal diseases on crops as listed

Active ingredients

Chlorothalonil 250 g/L + Carbendazim 250 g/L

Chemical information:

Chlorothalonil is a broad spectrum fungicide belonging to FRAC group M05: Chemicals with multi-site contact activity.

Chlorothalonil is the only active in this group, which makes it ideal for crop rotation during the season with other fungicides.

Chlorothalonil is a non-systemic fungicide that also has some activity as a bactericide, microbiocide, algacide, insecticide, and acaricide. Chlorothalonil binds sulfur-containing amino acids such as glutathione, reducing the amount and deactivating it, resulting in further disruption of several enzymatic cell mechanisms.

Carbendazim is a systemic fungicide belonging to FRAC group B1: Cytoskeleton and motor proteins (β -tubulin assembly in mitosis). Carbendazim is a synthetic substance with broad spectrum, protective and curative activity, acting through inhibition of mitosis and cell division in fungi.

- **Dash Combi™** combines 2 active ingredients, Chlorothalonil and Carbendazim, with different modes of action to maximize efficacy and reduce resistance risk.
- Broad spectrum activity against a wide variety of commercially damaging fungal diseases.
- **Dash Combi™** has both systemic and contact activity, with protective and curative action.
- Favorable SC formulation- liquid, easy to mix and convenient to handle and store.

Dash Combi™ characteristics:

- IPM compatible and relatively safe to most pollinators.
- Prime choice for disease resistance management programs due to active ingredients with different and complimentary modes of action.
- Suitable for use on a variety of common crops.
- Can be used several times during the season.

Directions for use:

- **Dash Combi™** should be mixed with water to be ready for use and can be applied with any type of spraying equipment.
- Spray **Dash Combi™** preventively or in the early stages of the disease development, before visual symptoms appear. Ensure full coverage of the plant canopy with the spraying mixture to achieve maximal efficiency.
- Delay spraying if rain is expected within next few hours or under conditions which favor runoff or wind erosion of soil containing this product to non-target areas.
- Do not make more than 3 applications per season and always alternate with fungicides of different mode of action to prevent resistance development.

Application rate:

Dash Combi™ is active against a variety of fungal diseases, including but not limited to the following:

Crops	Disease	Application Rate
Potatoes	Late Blight (<i>Phytophthora infestans</i>), Early blight (<i>Alternaria solani</i>)	0.8 – 1.2 L/ha
Tomatoes, Cucurbits, Onions	Downy Mildew (<i>Pseudoperonospra</i> sp.), Anthracnose (<i>Colletotrichum</i> sp.), Late Blight (<i>Phytophthora infestans</i>), Early blight (<i>Alternaria solani</i>), Botrytis	0.7 – 1.0 L/ha
Beans	Rust (<i>Uromyces</i> sp.)	0.7 – 1.0 L/ha
Ornamentals	Black spot (<i>Actinonema</i> sp.)	0.8 – 1.2 L/ha

Application notes:

- Avoid application when crops are under stress as a result of drought, low temperature, waterlogged soil, insect attack, nutrient deficiency or other factors negatively affecting crop growth as this may cause a phytotoxic response.
- Repeat application at 7-10 day intervals depending on environmental conditions and disease pressure.
- Apply as a full cover spray in 500 – 1,000 L water, depending on crop size.

Dash Combi™ in the field:

Overview: Field trial to test the efficacy of different rates of Dash Combi against Early blight (*Alternaria solani*) in tomatoes.

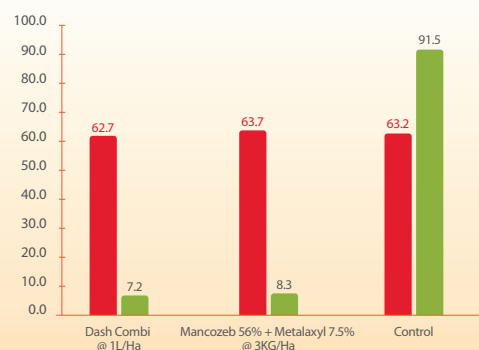
Location: Ethiopia, 2020

Crop: Tomato

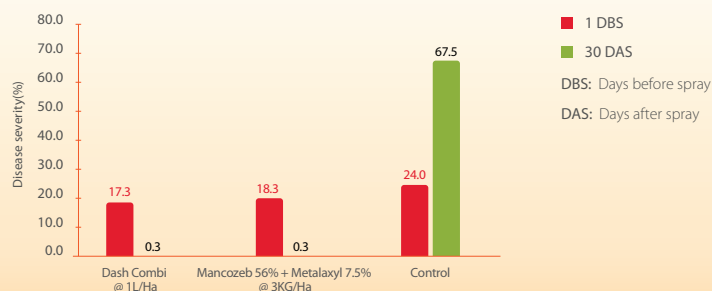
Target disease: Early blight (*Alternaria solani*)

Water volume: 1,000 L/H

The effect of treatments on disease incidence



The effect of treatments on early blight severity in tomatoes



Disclaimer: This product must be used strictly as directed and in accordance with the instructions appearing on the label. The supplier accepts no liability other than as indicated in the Supplier's 'terms and conditions of sale' and the warranty clauses indicated on the product label. Sellers guarantee is limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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