

Moldwon

Bacillus subtilis 0.5% A.S

Moldwon is a unique formulation prepared by specially developed in house technology as per CIB & RC guidelines. It is an innovative formulation contains naturally occurring *Bacillus subtilis* with growth promoting molecules. Moldwon contains microbe useful for controlling various diseases found in the various crops.

Composition

1-Liquid Formulation.- 0.5 % A.S.

Bacillus subtilis 0.5 % (W/W)

(spores & nutrient medium residue)

C F U.....more than 2×10^8 per ml

Carrier QS to make 100%

Product Mode of Action

Bacillus subtilis present in Moldwon releases various antibiotics like finazine-1-carboxylic acid, pyrrolnitrin, pluolutiron, pluocynan and hydrocynic acid from their body. Which cause savior injury to so many harmful fungus and bacteria. So reduce population of such harmful microbes and provide protection to crops. *Bacillus subtilis* releases plant growth promoting substances to induce vigor & resistivity in the crops. *Bacillus subtilis* also help to solubilize unavailable Phosphorus.

Benefits:

Moldwon controls disease causing pathogens like *Pyniculasa oryzae.*, *Alternerianp.*, *Mycosphaerella grasicola.*, *Pythium spp.*, *Rhizoctonia solani* *Fusarium spp.*, *Botrytiscinerea*, *Sclerotium rolfsii*, and *Sclerotium homoeocarpa* which cause root rot, root wilt, seedling rot and color rot diseases in crops.

- Reduces various foliar diseases
- Improve the plant immune system
- Improve plant vigor, plant health etc.
- Increase beneficial soil biomass
- Improve soil texture and soil fertility
- It help to increases the crop yield by helping in phosphorus solubilization.

Direction for use

Seedling Root Dipping:

Mix 1 lit of Moldown in 100 liter of 0.5 % jaggery water. Dip the root portion of the seedling required for an acre in the mixture for 30 minutes before transplanting.

Set Dipping:

Mix 1 lit of Moldown in 100 liter of 0.5 % jaggery water and dip the setts required for an acre in this mixture for half an hour (30 min) before transplanting.

Soil application:

Mix 1 lit of Moldown with 100 kg of well compost FYM or any other bio compost and simply broad cast in the main field just before sowing or transplanting or apply in standing crop by row or furrow or broad casting method in sufficient moisture.

Drip application:

Add 1 lit Moldown in drip tank contain clean water. Start the drip and liberate contain of drip tank in drip line .Microbes reach by these up to root zone of every plant.

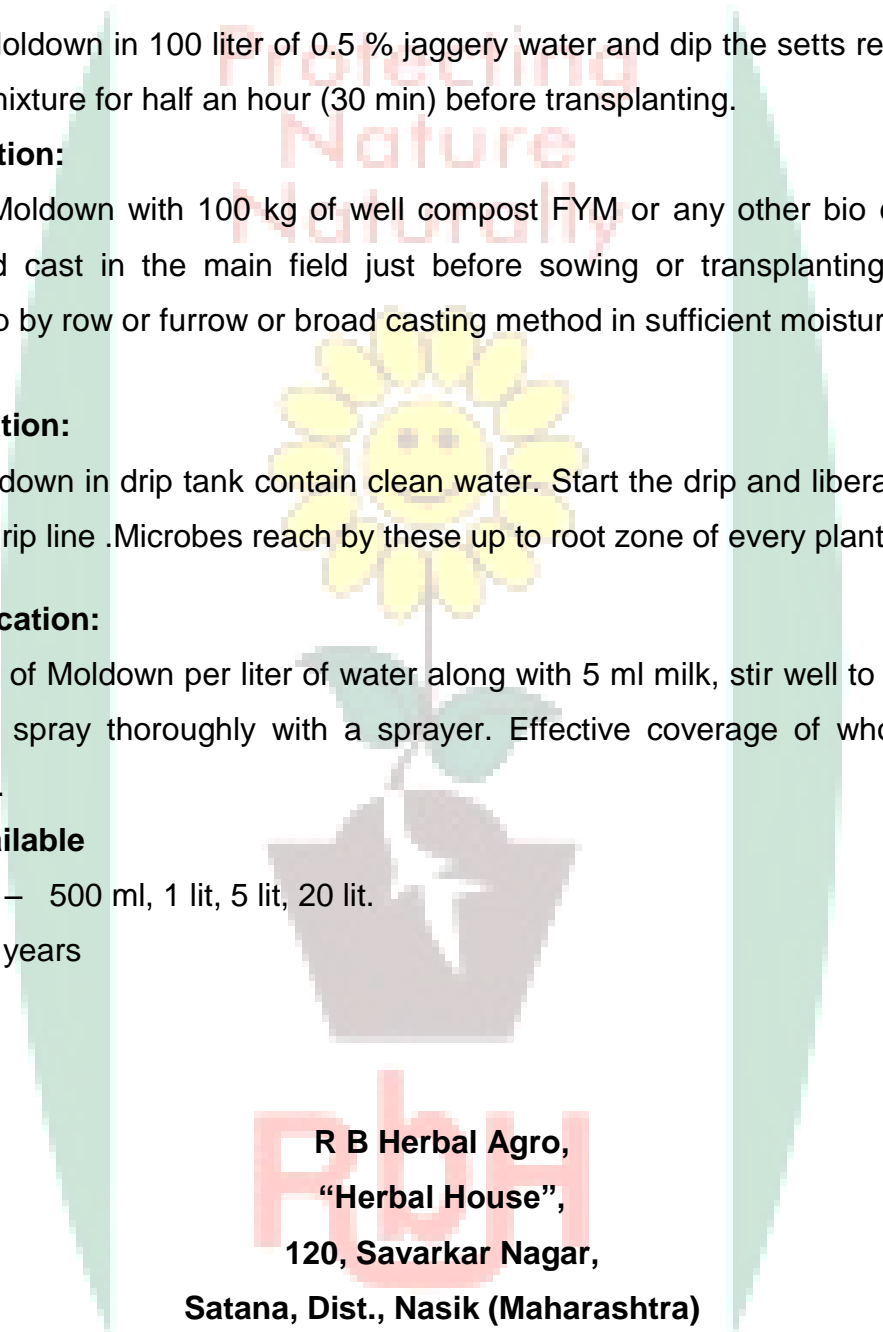
Spray Application:

Dilute 2-5 ml of Moldown per liter of water along with 5 ml milk, stir well to form uniform solution and spray thoroughly with a sprayer. Effective coverage of whole plant will more benefit.

Packing available

- Liquid form – 500 ml, 1 lit, 5 lit, 20 lit.

Self life – 1 years



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