

K-Chal

Potash Mobilising Bacteria (K.M.B)

K-chal is a unique liquid based formulation prepared by specially developed in house technology. It is an innovative formulation contain contains various microbes useful for potash solubilization/ mobilization.

Composition

Bacterial inoculum population density : 2×10^9 min. C.F.U/ml
(*Frateuria aurentia*)
Microbial Media Residue : 95-97%

Product Mode of Action

Plenty of Potash is already available in soil from so many decades, and we are also adding it in the form of various fertilizers year after year. Potash is immobilise (fix) so plant cannot take full advantage of it. Microbes of K-chal release enzymes and make Potash soluble (active/moveble) so plant can take maximum Potash and we can reduce application doses of Potash fertilizer. Microbes present in K-chal Potash releases various enzymes likes cellulose, protease, rebonuclease, deoxy rebonuclease and phosphomonesterase. Which make potash available to plant.

Product benefits:

- Save up to 30 % cost of potash fertilizer application
- Improve the plant immune system
- Reduce soil erosion
- Improve plant vigor, plant health etc.
- Increase beneficial soil biomass
- Improve soil texture and soil fertily
- It help to increases the crop yield

Direction for use:

Seed Treatment:

Mix 10 ml of K-chal per kg of seeds with a sufficient solution of 5 % jaggery. Dry the seed in shade for half an hour. Sow the seeds within 24 hours for maximum advantage.

Seedling Root Dipping:

Mix 1 lit of K-chal in 100 liter of 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 K-chal in 100 liter of 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 K-chal with 100 kg of well compost FYM or any other biocompost 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 K-chal 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.

Packing available

- Liquid form – 1 lit, 5 lit, 20 lit,

Self life – Liquid 1 years

Protecting
Nature
Naturally



RbH

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