



MICRONUTRIENTS FOR POMEGRANATE CROP MANAGEMENT

Pomegranate (*Punica granatum*) is an important fruit crop grown in our operational geography. Balanced & complete nutrition is a precondition for healthy and vigorous crop. Micronutrients are essential elements needed for crop growth in relatively small quantities. Use of these nutrients directly affect crop growth and development and play crucial role in improving the productivity & quality of produce. The following Q&As will provide some more details on the subject for easy understanding and communication with farmers:

What are the Micronutrients?

Micronutrients are essential elements needed for crop growth that are required in relatively small quantities such as Boron (B), Zinc (Zn) Iron (Fe), Manganese (Mn), Copper (Cu), Molybdenum (Mo) & Chlorine (Cl)

What are the functions of these Micronutrients?

The functions of micronutrients are -

- 1) Boron helps in more flowering & fruit setting. It also helps in reducing the fruit cracking.
- 2) Zinc helps in balance canopy growth. It also helps in increasing the fruit size.
- 3) Iron helps in maintaining greenery of leaves.
- 4) Manganese performs an important role in photosynthesis, chloroplast production, a cofactor in many plant reactions and activates enzymes.
- 5) Copper stimulates enzymes required for photosynthesis.
- 6) Molybdenum essential for symbiotic fixation of N.
- 7) Chlorine used in turgor regulation, resisting diseases & photosynthesis reactions.

Which is the suitable product in Mahadhan basket to meet this requirement?

The following are excellent scientifically tested products to meet this requirement.

- 1) Products applied through Soil: Mahadhan FeSO₄, ZnSO₄, DTB-Boron
- 2) Products applied through foliar: Mahadhan Chelated Combi, DOT-Boron, Zn EDTA & Fe-EDTA

What is the recommendation & method of application of these Micronutrients in Pomegranate?

Mahadhan micronutrients are to be applied in Pomegranate as mentioned below:

What are the application benefits of Mahadhan Micronutrients in Pomegranate crop?

The application benefits of Mahadhan Micronutrients in Pomegranate are,

- 1) Enhances the capacity to fight against biotic & abiotic stress.
- 2) Boosting immunity against Bacterial Blight Disease (BBD).
- 3) Good quality fruit.