

Shakti Ultrak

Soil Potash Absorbent

IMPORTANCE

- Enhances cation anion exchange capacity of roots
- Enhances K uptake of plant

ACTION

- Cation exchange capacity of roots is improved
- K uptake is stimulated
- K assimilation is stimulated

VISUAL OBSERVATIONS

- Fruits / flowers dropping is arrested
- Size and color of the flower impressive
- Size, color and luster of fruits significant change than control
- T.S.S. of fruits improve
- Useful for export quality grapes to get required bricks of sugar
- Sugar recovery in sugarcane is improved
- Leaf surface becomes rough
- Leaves become strong
- Stalks of flowers, fruits, leaves become strong
- Better leaf area – better photosynthesis
- Number of tillers more
- Uniform bud differentiation
- More number of white roots
- Mat formation of white roots
- No lodging in rice, wheat, sugarcane, maize.
- Pod filling in soybean, groundnut, tendrils, green gram, peas up to the tip. Similarly pinnacles of paddy, wheat, maize are filled completely
- HAIRY STRUCTURE ON LEAVES OF WATERMELON BECOMES MORE STRONG WHICH HELPS TO PREVENT THRIPS ATTACK
- COATING ON THE SEEDS IS STRONG SO THAT INFESTATION OF PEST/FUNGUS IN STORAGE IS PREVENTED

NON - VISUAL OBSERVATIONS

- Root size is improved they are swollen
- Keeping quality of produce is improved many times
- Photosynthesis is maximized
- Plant is able to face stressful situations
- Cell walls are deposited with silicon hence strong enough to avoid fungal / pest infection
- Si deposition on stomatal cells reduce frequency of opening / closing - useful in water shortage as water loss is avoided due to evaporation
- Plant is able to sustain in all stressful conditions e.g. acute water shortage, heavy water in field, extreme changes in temperature and stress due to salts
- 70% prevention of pest / disease attack
- Especially useful in water shortage
- Fruits are ready to harvest earlier by at least 1 week