

## FERTILIZER SCHEDULE OF MOSAIC PRODUCTS



**Germination And Emergence Stage**

**15 - 30**  
DAYS AFTER PLANTING



Mosaic DAP-50 kg/acre

Mosaic MOP-50 kg/acre

Mosaic K-Mag-25 kg/acre



**Tillering And Stem Elongation Phase**

**31 - 120 DAYS**

Seaweed extract @  
2.5ml/Litre at 40-45 &  
70-75 DAS

Liquid Boron @ 250  
ml/acre at 40-45 & 70-  
75 DAS

Liquid Zinc @ 250  
ml/acre at 40-45 & 70-  
75 DAS



**Grand Growth Phase**

**121 - 210 DAYS**



Mosaic DAP-50 kg/per

Mosaic MOP-30 kg/per

Mosaic K-Mag-25 kg/per



**Ripening Phase**

**211 - 365 DAYS**

### BENEFITS

Proper root  
development

Germination  
Initial plant growth

Improves photosynthetic  
activity & number of tillers

Boron helps in young root  
and shoots development

Zinc helps in improving  
number of tillers and  
internodal length.

Further root development,

Improves  
photosynthetic activity

Strength to stalk,  
stalk elongation

Improving  
internodal length

Number of internodes  
per stalk

Maintain water balance

Improves weight of stalk

Sugar Content

Pest and disease resistance

\*DAS-DAYS AFTER SOWING

#### NOTE:

- Above dosages are applicable for Maharashtra.
- Apply nutrients based on soil test values and crop requirements to improve crop and soil health.
- Apply well decomposed Farm Yard Manure (FYM) or compost (@ 5-6 MT/acre) 2-3 weeks before sowing.
- Application of nitrogen fixing (Azospirillum and Gluconacetobacter) and phosphate solubilizing (Phosphobacteria) bio-fertilizers are found to reduce the requirement of chemical fertilizers to the extent of 25%.
- Tying and Wrapping- These operations are most essential in sugarcane cultivation just to provide mechanical support to the grown-up plants to prevent lodging.