

SPECIALITY PRODUCT (Organic)

JAI KISAAN PROM (Phosphate Rich Organic Manure)



PROM is a value-added product produced by co-compositing high-grade rock phosphate (32% P₂O₄ 2%) of fine size (i.e. 80% finer than 54 microns) with organic material collected from press mud. A high grade rock phosphate in fine size when used as a mix with organic manure works as efficiently as di-ammonium phosphate (DAP) in alkaline soils.

Essential Content:

(i)	Total Phosphates (as P ₂ O ₅), per cent by weight, minimum	8.0
(ii)	Total organic carbon, per cent by weight, minimum	10.0
(iii)	Total Nitrogen (as N), percent by weight, minimum	0.4
(iv)	C:N ratio - Less than	20:1

Benefits:

- It supplies phosphorus to the succeeding crop as efficiently as to the first crop due to the residual effect caused by low P-fixation
- The dissolution of P from PROM is slow due to the organic acids released by the plant roots and microorganism hosted (naturally present or advertently added) by the soil and the soil organic matter
- It helps in improving physical, chemical and biological properties of soil as it is organic in nature
- It prevents leaching and runoff loss of nutrients due to chelation effect
- It will reduce the cost of fertilization to the farmers and will also result in the conservation of phosphate mineral, a non-renewable resource due to the high residual effect

Application Details:

Crops: All crops

Method: Soil application

Crops	Dosage	Time Of Application
Paddy, Wheat, Cotton, Sugarcane, Maize, Soybean & other field crops	50-100 kg/acre	Sowing/transplanting
Vegetables and Flower crops	50-100 kg/acre	Sowing/transplanting
Fruit & Plantation crops	1-3 Kg Per Tree	Pre or Post Monsoon

The above quantity is minimum. Based on the requirement, the quantity can be increased.

Packing: 50 kg