

# SPECIALITY PRODUCT (Organic)

## PANCH RATAN



**Composition :-** PanchRatan is a value added product. It is made by fortifying Organic Manure with Phosphorous, Humic Acid, Amino Acid and Seaweed Extract. It is produced by co-composting of high grade (32% P<sub>2</sub>O<sub>5</sub>) rock phosphate in very fine size with organic manure and the adding it with total 8% of Amino Acid, Humic Acid and Seaweed Extract. When rock phosphate, Amino Acids, Humic Acids and Seaweed Extract is mixed with organic carbon then all the nutrients acts in synergic way to give best efficiency for nutrients absorption by the plant.

### DOSE :-

All Field Crops - 10 KG per Acre

Sugarcane / Cotton / Banana and other fruit crops / Vegetables – 20 Kg per Acre

**Crops:-** All Crops

### Essential Content :-

Total Phosphates (as P <sub>2</sub> O <sub>5</sub> ), Per Cent By weight & Minimum	8%
Total Organic Carbon, Per Cent By weight, Minimum	10%
Amino Acid	8%
Humic Acid	
Seaweed Extract, Percent By Weight	
Total Nitrogen (as N) Per Cent By weight, Minimum	0.40%
C:n Ratio	Less Than 20:1

**Benefits –** Panch Ratan consists of five major elements, which helps in plant growth, root and shoot development, increased productivity and improves soil health.

1. PanchRatan is more efficient version of PROM where it supplies Phosphorous and other nutrients to current as well as next crop also.
2. Organic carbon improves efficiency of the other nutrients and make them more available to the plant.
3. Amino Acid, Humic Acid and Seaweed makes more nutrient available to the plant and helps in development of root and shoot growth with increased immunity to diseases.
4. Phosphorous available in Panch Ratan helps in root development and one the major nutrient necessary for plants. Phosphorous also helps in root growth of the plant
5. Organic Carbon increases the buffer capacity of soil & retains moisture
6. Humic Acid activates the inactive nutrient present in the soil
7. Amino Acid helps in protein synthesis, growth & development of plant
8. Seaweed helps in increasing germination, root size and density
9. PanchRatan improves the physical, Chemical and biological properties of soil
10. PanchRatan improves the grain/fruit bearing capacity of plant

A quality product from

**FaYmHUB**  
कमाल खेती, चाए उन्नती.

