

Alchemy
EKKAPHOSTM
(PROM)

1. Best alternative to Chemical Phosphate Fertilizers.
2. Avoids Phosphate Fixation
3. Contains 10.42% Total Phosphates(as P₂O₅)
4. Enriched with 7.9% Organic Carbon.
5. In this Organic Fertilizer Humus tied Phosphate is there, so it is regularly and fully available to plants.
6. Scientifically composted hence narrow C: N ratio (Less than 20)
7. Contains 8 to 10 % Calcium, this gives strength to plants.
8. Contains Nitrogen, Potash and Micronutrient in Organic Form.
9. Increases yield by 20 to 25 %
10. Fertilizer Control Order (FCO) approved Organic Fertilizer

Alchemy
EKKAPHOSTM

Phosphate Rich Organic Manure

(PROM)

ALCHEMY 
 **Processors**

Linking Labs to Land

Alchemy Ekkaphos is Phosphate Rich Organic Manure (PROM), a value added product produced by co-composting of high grade Rock phosphate in fine size and enriched organic waste with the help of broad spectrum micro-organisms.

Alchemy Ekkaphos (PROM) is Fertilizer Control Order (FCO) approved Organic Fertilizer.

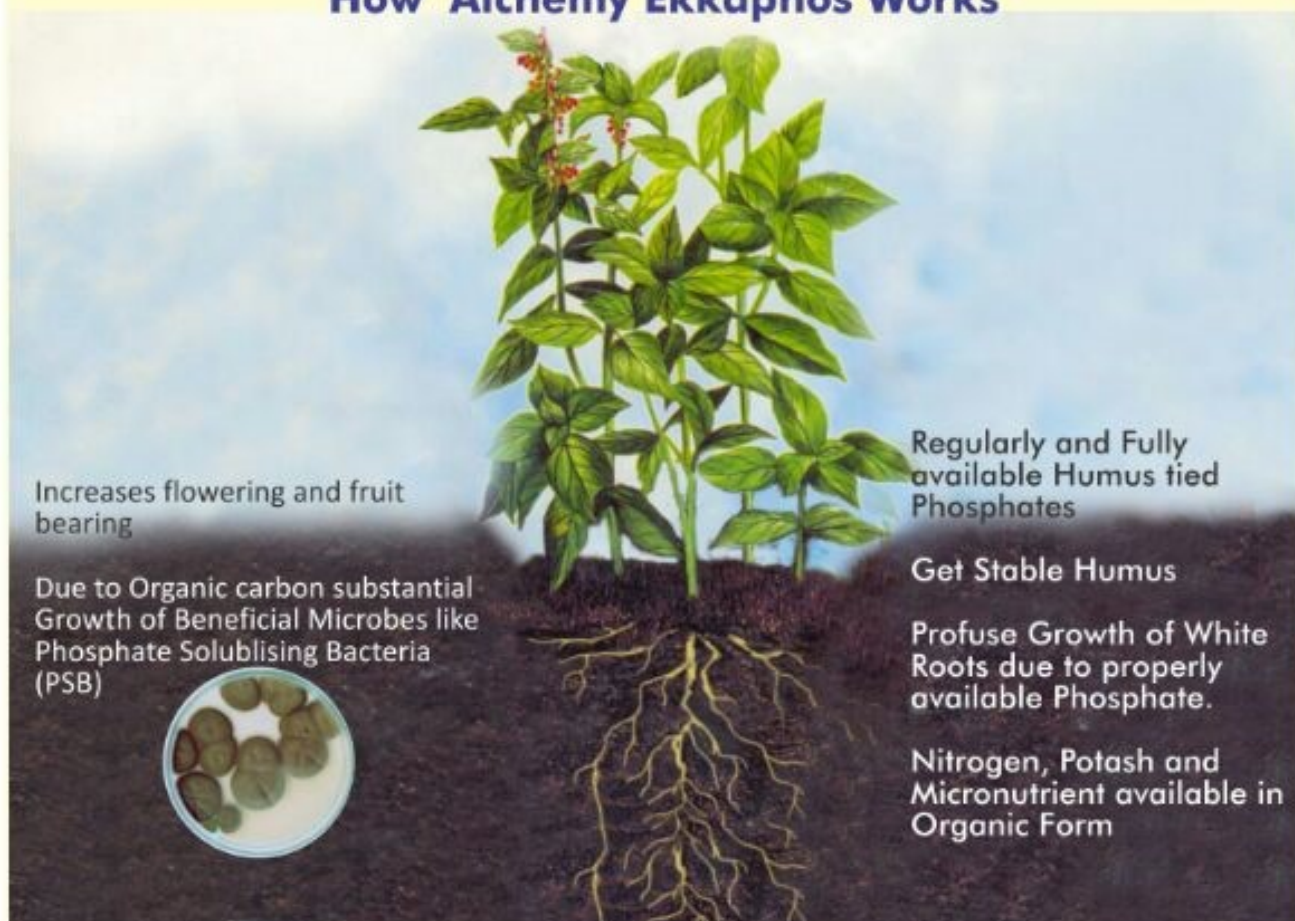
Phosphate plays major role in crop yield and growth. Being the major constituents of RNA and DNA of cells, phosphate is called "Building Block" .it provides the Energy to the plant. The flowering and fruit bearing is dependent upon availability of Phosphates. For this Chemical Phosphate Fertilizers are used. But Fixation of Chemical Phosphate is the major problem we are facing now days. The unavailable Phosphate is called as fixed phosphate. As our soil contains salts like Calcium, Magnesium, Iron and Aluminum, water soluble part of chemical phosphatic fertilizers is converted in to unavailable form as soon as it comes in contact with these salts so Phosphates in chemical fertilizer get fixed in soil. Percentage of this Phosphate Fixation is around 75 to 80%, this results in to lower yield and productivity.

Solution on this is Humus bonded Phosphate i.e. Phosphate Rich Organic Manure (PROM).PROM is research product of Govt. Research Institutes and approved by Fertilizer Control Order (FCO).

Alchemy Ekkaphos is scientifically prepared high quality Phosphate Rich Organic Manure (PROM).

As Alchemy Ekkaphos contains Humus bonded Phosphates (10.42%), it doesn't reacts with salts and Fixation is totally avoided and it is fully available to plants.

How Alchemy Ekkaphos Works



Increases flowering and fruit bearing

Due to Organic carbon substantial Growth of Beneficial Microbes like Phosphate Solubilising Bacteria (PSB)



Regularly and Fully available Humus tied Phosphates

Get Stable Humus

Profuse Growth of White Roots due to properly available Phosphate.

Nitrogen, Potash and Micronutrient available in Organic Form



ECONOMY IN USE OF ALCHEMY EKKAPHOS

Description	Super Phosphate 50 kg Bag	DAP 50 KG Bag	Alchemy Ekkaphos 50 Kg Bag
Percentage of P	16%	46%	10.42%
Total Phosphate per Bag	8 Kg	23 Kg	5.21 Kg
Phosphate Fixation %	75-78%	70-80%	0%
Phosphate Fixation per Bag in Kg	6.4 Kg	17.25 Kg	0 kg
Available Phosphate per Bag	1.6 Kg	5-6 Kg	5 Kg

Advantages Of Alchemy Ekkaphos

1. Phosphate fixation is totally avoided, So Alchemy Ekkaphos can be total substitute for any Chemical phosphate Fertilizer.
2. Profuse growth of white roots is obtained because of properly available P in Alchemy Ekkaphos. These white roots are able to absorb nutrients in balanced form.
3. Increases flowering and Fruit bearing.
4. Crop becomes resistant to pest and disease attack.
5. Nitrogen, Potash and Micronutrient get available in Organic Form .
6. Humus part of Alchemy Ekkaphos makes soil more porous and rich in Microbes.
7. Alchemy Ekkaphos also contains 8 to 10 % Calcium. Calcium gives strength to Crop.
8. Increases yield by 20 to 25 %

Crop	Dose	Application
Grapes	a) 250gram/plant b) 500 gram/plant (1-3 year age) c) 750 gram/plant (5-8 years age) d) 1kg/plant (Above 8 yr old plant)	At the time of Fertilizer Application after Recut. At the time of Fertilizer application before April/ October Pruning
Pomogranate	a) 250 gram/plant b) 500 gram/plant	At time of plantation Before flowering
Banana	a) 250-500 gram/plant b) 250-500 gram/plant	At time of plantation After 30 Days of Plantation

Crop	Drop	Application
Mango	1-2 kg/plant (Age 1-2 years) 3-5 kg/tree (Age 5 to 15 years)	Before Rains.
Sugarcane	200- 400 kg/acre	At the time of Planting
Sapota	250 gram/plant(1-2 yrs. age) 1kg/Tree (2-4 yrs. Age) 2-3 kg / Tree (4-8 yrs. Age) 5 kg/ Tree (Above 8 Yrs)	Before Rains.
Citrus, Orange, Sweet Lime	250 gram/ plant (1 YR AGE) 500 gram/ plant (2 yr. Age) 750 gram/plant (3 yrs) 1kg/plant (4 yrs.)	Before Flowering
Papaya	250 gram/plant	At the time of Plantation
Guava, Fig	500 gram/plant	Before Fruit bearing
Coconut/ Supari	1-2 kg/plant (At the time of plantation) 3-5 kg/Tree (5yr age)	Before Rainy season
Turmeric / Ginger	500 kg / Acre	Half Dose at the time of sowing and Remaining after 3 months
Potato	500-600 kg / Acre	At the time of Planting
Onion/Garlic	200- 300 kg / acre	At the time of Planting
Chilly	50 gram/plant by ring method	After 2-3 weeks of fertilizer application
Vegetable	200- 300 kg / acre	At the time of Planting
Roses	50-100 kg /plant	After flower harvesting

ALCHEMY **Processors**

Linking Labs to Land

Alchemy Processors

12, "The Orion", Railway Station Road, Aurangabad - 431 004.

Works : Gut No. 26, Patode Wadgaon, Ta.

Paithan Dist. Aurangabad.

Customer Care Number - 98230 79243

e-mail : info@alchemyprocessors.net

www.alchemyprocessors.net