



## Cattle Feed Supplement – Pushp Ahaar

Our venturing into the production of Cattle Feed Supplement (Also known as – Pushp Ahaar) helped us not only expand our product portfolio but also re-use our waste and reduce our environment impact as well as our costs.

The product has Ca/P $\geq$ 100, similar to that in skeleton of animals. Also, the product can completely dissolve in animal's gastric acid. It is a product which is widely used as an additive of feed for livestock and domestic fowls as supplementary of phosphorus and calcium needed by them. Osteomalacia and Rickets can be prevented for livestock and fowls by adding it in their feed.

Cattle Feed Supplement is easily soluble in an animal's body, and it enters in the body of an animal to take part in the process to enhance their metabolism and formulate important enzyme and vitamins needed in organism to keep a certain proportion of calcium and phosphorus in skeleton and promote healthy growth in animals.

A feed grade Di Calcium Phosphate is manufactured by reacting Rock Phosphate with dilute Sulfuric Acid at precise conditions. After separation and washing of Gypsum and other unwanted impurities, purified Phosphoric Acid is manufactured. The same is precipitated with lime milk. The water insoluble precipitate of Di Calcium Phosphate is further centrifuged and dried, blended, sieved and tested for uniform batch characteristics.

### **Di Calcium Phosphate – Animal Feed Grade**

<b>Chemical Substances</b>	CaHPO <sub>4</sub> .2H <sub>2</sub> O (MW – 172.09)		<b>Synonyms</b>
<b>CAS No.</b>	[7757-93-9]		Calcium Monohydrogen Phosphate, Calcium Phosphate, Dibasic Dicalcium Orthophosphate
<b>Mesh Size</b>	85% 0.5MM		

### **Uses and Benefits**

- The product is widely used as an additive of feed for livestock and domestic fowls and as supplementary of phosphorus and calcium needed by them.
- Used to promote the hybridization rate, embryo protect rate and survive rate of domestic animals
- Improves the disease bearing capability of domestic animals, forefend many diseases.
- Promote the animal's growth rate, re-production capability, hatchability/ fertility rate
- Promote the quality of eggs and flash, promote the output of milk

- Improves digestion, feed conversion ratio and utilisation of nutrients
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### Physical and Biological Properties

Appearance	Off White Crystalline free flowing tasteless Powder
Chemical Solubility	Excellent - Relatively Soluble in dilute Hydro Chloric & Nitric Acid but relatively Insoluble in Water and Alcohol
Biological availability	Excellent
Odour	Odourless
Organic Impurities/ Proteinous Impurities	Shall pass the test
Spores of Bacillus Anthracis and Clostridium Species	Nil

### Composition

1	Moisture (tested at 600C, under vacuum or as per IS 5470:5.00 % max. 2002)	
2	Calcium – Ca	23.00 % min.
3	Phosphorus – P	18.00 % min.
4	Fluorine – F (tested as per IS 5470: 2002)	1000 ppm max.
5	Loss on Ignition (L.O.I) of moisture free sample	22.00 % to 26.50 %
6	Acid Insoluble Ash	1.00 % max.
7	Total Ash of moisture free Sample	73.50 % to 78.00 %
8	Lead – Pb	30 ppm max.
9	Arsenic – As <sub>2</sub> O <sub>3</sub>	10 ppm max.

### Note

The values from 2 to 9 are on moisture free basis

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### Usage Recommendations of Pushp Ahaar

- Mix 1.00 kg to 2.00 kg Pushp Ahaar per 100.00 Kg Poultry Feed or feed 1.20 gm to 2.40 gm per bird daily
- Mix 1.34 kg Pushp Ahaar per 100.00 kg Cattle Feed or feed 67.00 gm per adult milch animal, 17.00 gm per small animal and 34.00 gm per adult/ dry animal daily or as advised by nutritionist/ veterinarian

Animal, Animal Feed, Manufacturers of Animal Feed, Animal Feed Suppliers, Animal Feed Exporters, Animal Feed Manufacturers Mumbai India