



## DEEBAJ COMPOUND GRANULAR FERTILIZER

GRANULAR PRODUCTION line based on chemical reactions to ensure balance of GRANULAR FERTILIZERS. DEEBAJ offers a wide range of Granular fertilizers products for our customers, designed to be as a part of our established plant nutrients range to cover both single and complex macro nutrients based on crop nutrients requirements and growth conditions in the region.

DEEBAJ established a new granular production line based on chemical reactions to offer a wide range of high granular that includes different categories.

Complex range DEEBAJ commonly use formulas 18-18-5+1.5MgO (RED), 12-12-17+2MgO (BLUE), 15-15-15 (Pink /RED), 23-10-5+6S+1Zn (Gray), 12-12-12+7S (White), 12-24-12 (off white) other formulas upon request. Beside the range DEEBAJ starts producing the crop specific range DEEBAJ PALM, DEEBAJ OLIVE in addition DEEBAJ offers the standard range of straights, DEEBAJ SOP 0-0-50, DEEBAJ DAP 18-46, DEEBAJ TSP 0-46-0, DEEBAJ MOP 0-0-60, DEEBAJ MAP 10-50-0, DEEBAJ SSP 0-20-0 and UREA in prilled and granular form.

## CHARACTERISTICS AND BENEFITS:

A wide range of granular fertilizers manufactured physically and chemically, using high quality raw materials, to be homogeneous from chemical characteristics and physical appearance to ensure balanced distribution for plant nutrients in the field for all plants.

### CHEMICAL CHARACTERISTICS

To ensure balanced plants nutrition All formulas contains

**Nitrogen:** Nitrogen activates vegetation, & is essential for assimilation & respiration. It is a key component of protein & chlorophyll. Lack of nitrogen is recognized by yellowish vegetation and slow growth.

**Phosphorous:** The need for phosphorous is greatest at the beginning of the growing season. A deficiency of phosphorous results in small plant size, few seeds, delayed maturation, & a reddish tinge to the plant.

**Potassium:** The need for potassium is greatest at the end of the growing period, Potassium controls plant respiration & the transportation of Photosynthesis products. It activates several enzymes involved in Potassium concentrates in the straw of cereal grains; if straw is removed along with grain, a deficiency of potash may occur. Potash deficiency is observable as slow growth, a poorly developed root system, & a grayish tinge to the plant.

**Magnesium:** Magnesium is a component of chlorophyll. Deficiency appears first as a yellowing of older lower leaves. High contents of water soluble Magnesium, to avoid the deficiency of the nutrients appearance & ensuring balance Nutrition.

**Sulfur:** soluble Sulfur directly available to the plants, Studies have shown that increase in yield can be achieved with additional sulfur; plants require as much as it as phosphorous. Sulfur is vital for plant growth, and for protein and Seed development. Contains micro nutrients in balanced ration to full fill plant needs. Ability to be mixed with soil amendments and Humic acid, upon customer request.

## PHYSICAL CHARACTERISTICS:

Granules size more than 90% is between 2-4 mm, with capability to control the sizes of the granules for the green area and lawns.

Homogeneous granular particle size, which make it easier for uniform spreading.

Each granular contains all nutrients in one particle, which grantee a balanced nutrient to the plants. Free flowing- using by hands or by mechanical spreader.

## COMPOSITION:

Product	Color	ANALYSIS %				
		N	P2O5	K2O	MgO	S
NPK 12-12-17+2MgO+6S	Blue	12	12	17	2	6
NPK 18-18-5+1.5MgO	Red	18	18	5	1.5	-
NPK 15-15-15	Pink/Red	15	15	15	-	-

## APPLICATION:

DEEBAJ Granular can be used as basal dressing, Top dressing, via one application or multi applications in the season for slow growth crops.

Vegetables	600-750 Kg/ hectare
Green houses	600-1000 kg/hectare
Mature Fruit trees	1-3kg/tree
Young trees	50-250 grams/tree
Potato	500-750 kg/hectare
Landscape	20-30 g/m
Golf Courses	20-30 g/m

Rates of applications varies depend on soil nutrients content and plant nutrients requirements.

## BAGGING

PP/BOPP with PE inner (resist tearing, easier to read, keep product drier, reduce caking problems)

Available in 25/50 Kg bag

## Precautions for Storage

In order to prevent the product from moisture and deterioration, it should be stored indoor and covered with tarpaulin. Stockpiled at dry and ventilated places. Avoid exposure to sun.

## To Measure Fertilizer Results

Deebaj compound granular fertilizer products stands for quality. This extends beyond the product and into the field, bringing a tried and tested product range to growers. It gives you the certainty of growing more with each drop.

## High Returns on Investment

Deebaj compound granular fertilizer products combine knowledge and experience in fertigation and plant nutrition. By focusing on generating better yield and quality, rather than simply fertilizer costs, Deebaj compound granular fertilizer products is better for the farmer's overall income.

## DISCLAIMER

All information is given to the best of knowledge and is believed to be accurate. Your conditions of use and application of the suggested formulae and recommendations are beyond our control. There is no warranty regarding the accuracy of any given data or statements.

DEEBAJ products specifically disclaims any responsibility or liability relating to the use of the suggested formulae and recommendations and shall under no circumstances whatsoever, be liable for any special, incidental or consequential damages which may arise from such use.