


## **Triacontanol Technical 15%**

We are the manufacturer of Triacontanol Technical 15%. We possess valid registration for manufacturing and supply of Triacontanol products. The product is registered under CIB as a PGR. It is derived from natural source by patented technology. It gives effective results at very low application rate.

We supply it on B2B basis in bulk quantity. It can be diluted or formulated with other ingredients as per customized requirement.

Triacontanol is a long chain fatty alcohol that increases photosynthesis, plant growth, and quality of produce. It maximizes the amount of photosynthetic activity occurring in plants that lead to growth.

	Origin	Plant Origin
	Appearance	Cremitest granules
	pH(1% solution)	5.8 ± 0.5
	Solubility	Insoluble in water.
	Density	0.8 g/cm <sup>3</sup>
	Melting Point:	86-87°C (lit.)
	Boiling Point	440-445 °C
	Purity	15% Min.
	Molecular Formulae	C <sub>30</sub> H <sub>62</sub> O
	Available Packaging	5 Kg Box and 20 Kg Box

**Description:** It is PGR found in the plant cuticle waxes and in beeswax as the palmitate ester. It has been reported to have growth enhancing properties when applied to the leaves of growing plants.

### **Benefits of Triacontanol for plant:**

- Increases the rate of photosynthesis & influence mineral uptake from soil.
- Activates secondary messengers leading to enhanced enzymatic and hormonal activities in plants that can increase the brix level in fruit.
- Activates cell division leading to production of larger root and shoot mass.
- Increases leaf permeability to water and foliar fertilizer and enhances plant moisture retention.
- Enhances synthesis of proteins- Promotes flower buds, profuse tillering and branching.
- Reduces leaf drop, flower and fruit drop.
- Increases crop height, root mass and length.
- It reduces the adverse effect of salt stress on growth, yield and leaf water relation.

