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ISO 9001:2008 & 14001:2004 CERTIFIED

Triacontanol Technical 20%

From many years Triacontanol is used in India as well as in other countries as a prominent Plant growth Promoter. It gives effective results at very low application rate. The product is registered under CIB as a PGR.

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 maximize the amount of photosynthetic activity occurring in plant that lead to growth.

Synonyms: Melissyl alcohol; Myricyl alcohol, Alipathic alcohol



| Origin | Synthetic Origin |
|---------------------|--------------------------|
| Appearance | White Granular |
| pH (1% solution) | 3.9 ± 0.5 |
| Solubility | Insoluble in water |
| Density | $0.8-0.9 \text{ g/cm}^3$ |
| Melting Point: | 86-87°C (lit.) |
| Boiling Point | 440-445 °C |
| Purity | 20% Min. |
| Molecular Formula | C30H62O |
| Available Packaging | 5 Kg Box and 20 Kg Box |

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.

