


Triacontanol 1% EW

Triacontanol 1% EW is a concentrated water based formulation which can be further diluted to get desired water based solution ready for application. The uniqueness of this formulation lies in intelligent & scientific way of formulating the active ingredient. Triacontanol in colloidal suspension of very fine practices which can be absorbed through stomata very quickly without any interference of the carrier material. It is a totally non-toxic, plant growth bio-regulator without any residual effect.

	Parameter	Typical Analysis
	Triacontanol	1% w/w
	Appearance	Creamish, waxy liquid
	Odour	Sweet waxy
	pH	9-10
	Solubility in water	Fully miscible
	Also contains	Inert emulsifying and wetting agents.
	Storage & handling	Shake or stir well before use. Store in a cool dry place away from direct sunlight.
Available Packing	200 Liter HDPE drums.	

Application Rate:

Dilute it in water and spray the diluted solution on plants by high volume knap sack sprayer. It should be applied twice or thrice at different growth stage as per crop wise recommendation. The chemistry of Triacontanol is such that it does not mix easily with other materials. Compatibility and/or performance cannot be guaranteed when combined with other products.

Crop

Vegetables/Fruits:

Cereals/Oil seeds:

Orchard/Vineyards:

Broad acre crops:

Hydroponics:

Caution:

Application rate

10 ml per 100 L water, weekly

10 ml per 100 liter of water, thrice at different growth stage of plant after 15 days of plantation

10 ml per 100 L Water, every 2-4 weeks

30 ml/acre in 100 L water, twice or thrice at different stage of plant growth or as per recommendation of local authorities

Use 5 ml per 1000 L of final solution

Do not mix with hydroponic nutrient concentrate



Functions of Our Products

- Increases the rate of photosynthesis.
- 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.
- Influence mineral uptake from soil.
- 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.
- Promotes earlier maturity.
- It reduces the adverse effect of salt stress on growth, yield and leaf water relation.