

Catalyst

Use

On crops grown in peat free growing media. Catalyst provides a range of organic acids and seaweed biostimulants to be incorporated into peat free or biologically degraded growing media. Improves plant rooting and general bioactivity within the root zone. Increases media nutrient and water holding capacity.

Crops

A variety of horticultural crops grown in peat free growing media

Pack Size

10 litres

Function of Catalyst

Catalyst is a unique concentrated formulation of Humic Acids and Seaweeds. Applied directly to growing media either with fertigation nutrients or as a stand alone application. Catalyst acts as a biological primer for peat free growing media or degraded media that plants have difficulty rooting in by providing a range of organic acids beneficial to root growth and beneficial microbial colonisation. Catalyst should be used where plants are struggling to root due to unfavourable rhizosphere conditions.



Analysis	w/w	w/v
Humic Acids	7.3%	7.5%
Seaweed Biostimulant	63.0%	65.0%

Directions for Use

Use Catalyst as directed below.

Catalyst is best applied as a drench or via fertigation at 0.020-0.075ml/L of water.

Can be applied with fertigation mixes to save extra applications and improve nutrient efficiency of applied nutrients.

Catalyst can be applied with liquid placement fertiliser or with O-MIX water soluble fertiliser or straights. Dilute 200-750ml of Catalyst per 100L of stock solution required, dosed at 1:100 (1%) . Maintain agitation, apply within 48 hours of mixing.

Crop	Timing	Per 100L of Stock Dosed at 1:100 (1%)	Comments
Pot Bedding	Apply once every 1-2 weeks or as required	750ml	Apply via fertigation or as a drench
Hardy Nursery Stock	Apply once every 1-2 weeks or as required	750ml	Apply via fertigation or as a drench
Soft Fruit	Apply once every 2-3 weeks or as required	200ml	Apply via fertigation or as a drench. Applications may be more frequent during establishment or for propagation crops
Crop	Timing	Rate L/ha	Comments
Field Trees, Top Fruit, Vines	At establishment for new plantings, Spring for established plants, repeat early summer if required	2.5-5	Apply to base of trees along the row using as large a droplet size as possible, min 500 L/ha of water to allow penetration into soil

Notes

Apply with Kobra growing media wetter to improve water spreading to ensure all growing media treated.

Can be applied via fertigation with Soluble NPK fertilisers or straights.

Requires stock tank agitation prior to dosing.

As with all carbon based tank additives, do not leave pre-mixed stock tank for more than 48 hours.