

# Synergy



Allowed Input  
Cert. No. 19013

Approved to use in  
Organic Agricultural System

## Microbial Enhanced Fertiliser

Seawin's **SYNERGY** contains a high concentration of the beneficial microbe-Bacillus subtilis. Rapidly activates once applied to the root zone. Seawin's unique bacillus strains selected are robust and designed to handle most Australian soil and climate conditions.

The bacillus come in a spore form. They are able to survive between pH 1.5-10 and temperature 0-40°C, able to tolerate extreme conditions and only become active when conditions are favourable.

### Product Features

#### Good for your soil

- A good population of Bacillus subtilis may help to suppress soil-borne pathogens, making plants stronger against biotic stress.
- Bacillus subtilis helps to increase the root mass, creating a healthy root zone environment.

#### Instant higher nutrient availability

- Metabolites of Bacillus help to regulate nutrient availabilities. Together with **Polysaccharide's chelating effect**, plants are able to uptake nutrients and minerals more efficiently, **leading to real increase in profits with: Improved fruit size, uniformity and longer shelf life.**
- Added **Mg** to help with translocation of **Ca** to growing points.

#### Benefit of added Seawin's polysaccharide

Increases the rate of successful colonisation



Packaging Size: 20kg (1kg\*20bags)

### Product Analysis

Bacillus subtilis.....	(1.0-1.5)x10 <sup>10</sup> cfu/g
Magnesium.....	13.5%
Calcium.....	0.2%
Green Seaweed Polysaccharides.....	1%
Alginic Acid.....	0.13%

### Physical Characteristics

White to light beige powder, water soluble, pH 5.5-8.5

### Application

**Open Field:** 2-4kg/ha through fertigation.

**Hydroponics:** 100g per 1000 plants through fertigation. Repeat application at 4 week intervals for optimal benefits.

**Tree Crops:** 2-4g per tree for high density trees. 10-20g per tree for low density trees. Apply through fertigation or direct soil drench.

**Compatibility:** Can be applied together with other fertilisers, but not advised to pre-mix with other fertilisers and store in the storing tanks for more than 2 days. Best to apply during warm periods of the day with little direct sunlight.

