



## Nature's Biological Protection

# AIC Plant Defence

## Organic Biological Plant Defence Formulation

## Liquid Abalone Soil Enhancing Fish Fertilizer

## Wild Harvest 100% Australian Abalone

### Active Ingredients:

Trichoderma Harzianum,

100% Wild Harvest Australian Abalone Fish Fertiliser



## Aetiology & Infestation Control

CASSA AgriTec's **AIC Plant Defence** is a broad spectrum, preventative product for the support of plant health in aetiology and infestation control. Through the use of organic biological agents our AIC Plant Defence supports optimal environmental conditions that enable plants to control and suppress aetiology and infestation. Bio-fungicides are formulations of living organisms that are used to control the activity of plant pathogenic fungi and bacteria. CASSA AgriTec's AIC Plant Defence Formula is a biological, cost-effective solution that is ideal for in-crop protection across a range of climates including tropical and sub-tropical climates. CASSA AgriTec's AIC Plant Defence supports plant health, produce appearance and quality and can maximise shelf-life after harvest when used for Aetiology and Infestation Control.



**CONTROL & SUPPRESSION** The beneficial bio fungus *Trichoderma Harzianum* contained in our AIC Plant Defence Formula are proven to assist the plant's natural ability to defeat aetiology and infestation for space and nutrients, colonizing the foliage ahead of the aetiology and infestation. It serves as mycoparasites by producing enzymes which break down the hyphae of the plant pathogenic fungi. AIC Plant Defence uses this beneficial bio fungus in combination with Wild Harvested Abalone Liquid Fish Fertilizer which uses 100% local Wild Harvested Abalone. In addition to pest insect control the fertilizer Improves soil health and increases soil fertility by providing the primary nutrients and active micro-organisms necessary for plants to thrive. WHA Soil Enhancing Fish Fertilizer offers a source of burn-free nitrogen, along with other primary nutrients of phosphorus and potassium. Unlike synthetic fertilizer, it provides secondary nutrients such as calcium and active micro-organisms.

**INTEGRATED MANAGEMENT (IPM)** For resistance management, Cassa AgriTec's AIC Plant Defence Formula can be integrated into an overall aetiology and infestation control management strategy to support plant health when aetiology and infestation is present.

**RESISTANCE MANAGEMENT** Our unique AIC Plant Defence Formulation of Biological *Trichoderma Harzianum* and seaweed supports plant health in creating an ideal resistance environment given its unique, multiple modes of action. It may be applied as a foliar spray alone, in alternating spray programs or in tank mixes with other registered crop protection products. For maximum effectiveness, apply Cassa AgriTec AIC Plant Defence Formula to or in the early stages of plant aetiology and infestation development. When plant or soil conditions are conducive to heavy aetiology and infestation pressure, use Cassa AgriTec's AIC Plant Defence in a rotational program with other registered fungicides.

### AIC Plant Defence Benefits

- ☑ Natural Biological Protection from Organic Micro-Organisms
- ☑ Ideal for Plant supported Resistance Management
- ☑ Broad Range Plant Protection
- ☑ Ideal for In-Crop disease control
- ☑ Healthier Plants and Produce & Extends Shelf Life after Harvest
- ☑ Works in Tropical and Sub-tropical Climates
- ☑ High Quality, Cost Effective Solution
- ☑ Natural source of Nutrients, Vitamins, Proteins and Amino Acids
- ☑ Contains Macro and Micro Nutrients that are completely Soluble
- ☑ Stimulates Existing Soil Microbes & Improves Bio Energy Foundation
- ☑ Organic All Natural, Non-toxic and can be used on all Plants



All CASSA AgriTec microbes and enzymes are naturally occurring and sourced from nature. They are readily bio-degradable and have not been genetically modified. CASSA AgriTec microbes and enzymes are extracted using a proprietary enzymatic fermentation process avoiding chemical polluting treatments and carbon polluting methods.