



Nature's Biological Protection

PIC Plant Defence

Organic Biological Plant Defence Formulation

Liquid Abalone Soil Enhancing Fish Fertilizer

Wild Harvest 100% Australian Abalone

Active Ingredients:

Bacillus Thuringiensis (Subspecies: Kurstaki Solids Spores),
100% Wild Harvest Australian Abalone Fish Fertiliser



Pest Insect Control

CASSA AgriTec's **PIC Plant Defence** is a broad spectrum, preventative defence product for the non-chemical support of plant health in pest, insect and disease defence and resistance. By combining nature's organic biological micro-nutrients our PIC Plant Defence Formula provides the plant with the building blocks to build the optimal environmental conditions for the plant to thrive and control pest insects. Our naturally occurring organic biological micro-nutrients assist the plant to naturally control pest insects by non-toxic organic biological mechanisms without the need to apply toxic chemicals.

CASSA AgriTec's PIC Plant Defence provides distinct modes of biological actions. Unlike chemical alternatives our organic biological formulation is non-toxic to pollinators and other beneficial insects which means it won't kill off beneficial fauna. These natural biological agents contained in our PIC Plant Defence Formula have never demonstrated cross-resistance with any chemical insecticide. CASSA AgriTec's PIC Plant Defence is an organic biological formulation that contains the naturally occurring micro-organisms Bacillus Thuringiensis in combination with Wild Harvested Abalone Liquid Fish Fertilizer which uses 100% local Wild Harvested Abalone. In addition to pest insect control the abalone fish 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 Abalone 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. Cassa AgriTec's PIC Plant Defence Formula is compatible with many IPM programs providing protection and support for pest insect programs which employ tank mix or rotation for resistance management. The PIC formulation offers high quality, cost-effective, broad spectrum support for the plant to self-control pest insects across more than 200 crops, including vegetables, fruits, nuts, vines, cotton, oil palm and corn.



SUPPORTS PLANT HEALTH IN THE BIOLOGICAL PROTECTION AGAINST:

Alfalfa caterpillar, Almond moth, Armyworm, Artichoke plume moth, Bagworm, Banana moth, Banana skipper, Bertha armyworm, Blueberry leafrollers, Blueberry spanworm, Bollworm, California oak moth, Cherry fruitworm, Citrus cutworm, Codling moth, Cotton leaf perforator, Cotton leafworm, Cutworm, Diamondback moth, Douglas-fir tussock moth, Elm spanworm, European corn borer, European grapevine moth, European pepper moth, Fall cankerworm, Fall webworm, Filbert webworm, Fruittree leafroller, Grape leafroller, Grape leaf folder, Grape berry moth, Grapeleaf skeletonizer, Green cloverworm, Green fruitworm, Gypsy moth, Helicoverpa spp., Heliothis spp., Hornworms, Imported cabbageworm, Jack pine budworm, Light brown apple moth, Loopers, Mimosa webworm, Naval orangeworm, Obliquebanded leafroller, Omnivorous leafroller, Omnivorous leaf tier, Orange tortrix, Orangedog, Oriental fruit moth, Pandemis leafroller, Peach twig borer, Pecan nut casebearer, Redbanded leafroller, Redhumped caterpillar, Rindworm complex, Roughskinned cutworm, Saltmarsh caterpillar, Sod webworm, Southwestern corn borer, Spotted cutworm, Spring cankerworm, Spruce budworm, Tent caterpillar, Tobacco budworm, Tobacco hornworm, Tomato pinworm, Tropical sod webworm, Tufted apple bud moth, Variegated leafroller, Velvetbean caterpillar, Western tussock moth.

PIC Plant Defence Benefits

- ✓ Organic Biological Formulation, Chemical Free, Non-Toxic Control Solution
- ✓ Ideal for Resistance Management that offers Broad Range Plant Protection
- ✓ Ideal for In-Crop disease control
- ✓ Faster safer decomposition resulting in lower exposures of pollution
- ✓ High Quality, Cost Effective Solution
- ✓ Healthier Plants and Produce & Extends Shelf Life after Harvests
- ✓ 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
- ✓ Works in Tropical and Sub-tropical Climate
- ✓ Organic All Natural 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.