



## **FISH HYDROLYSATE**

AgriSense Fish Hydrolysate is certified by NASAA (National Association for Sustainable Agriculture, Australia Ltd) as an input for use in organic farming. AgriSense Fish Hydrolysate is a premium food for beneficial microbes. It is particularly suitable as a fungal stimulator after inoculation with Liquid Compost. The product is manufactured from fresh fish waste generated by Tasmanian aquaculture industries. It is produced under a refined cold enzyme process, which retains the sensitive nutritional qualities of the fresh, raw fish. The protein is converted to premium forms of amino acids and peptides. The product contains a natural balance of essential elements and vitamins, and is rich in beneficial emulsified oils. A final multistage screening process removes particles larger than 96 microns.

AgriSense Fish Hydrolysate is a microbial stimulant and a fertilizer in its own right that increases plant activity and has a number of other benefits such as:

- Increased earth worm and microbial activity.
- Increased fungal biomass growth
- Conversion of organic matter to build on humus levels in the soil.
- Improved soil condition, structure and moisture holding.
- Release of soil bound nutrients and improved nutrient cycle.
- Improved plant root development.
- Improved plant vitality and disease suppression.
- Encourages higher and more uniform plant growth.
- Can be used as a stubble breaker, if applied to organic matter.

## **Equipment**

AgriSense Fish Hydrolysate can be applied via irrigation water or through a normal boom sprayer.

## Application

When applying AgriSense Fish Hydrolysate as a soil drench, stubble breaker or to pasture, dilute with clean water at a rate of 10:1. However this dilution rate is not critical and different dilution rates may be used for ease of application. When applying to crops or as a foliar spray, it is recommended the dilution rate should increase to a minimum of 50:1.

It is best if AgriSense Fish Hydrolysate be applied in the late afternoon or evening, to minimise risk of leaf burn and allow beneficial microbes to establish themselves, before being subjected to direct sunlight.

## Chemical Analysis

<b>N</b>	<b>P</b>	<b>K</b>	<b>Na</b>	<b>S</b>	<b>Ca</b>	<b>Mg</b>
2.5 %	0.41%	0.14%	0.27 %	0.16 %	0.13%	0.03%

<b>Zn</b>	<b>Cu</b>	<b>B</b>	<b>Fe</b>	<b>Mn</b>
0.06mg/ml	0.01mg/ml	0.004mg/ml	0.08mg/ml	0.01mg/ml


## Recommended Application Rates

Approximate Application	Recommended Actions
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	<b>Rate</b>	
Vegetables & Cropping	3 - 5L p/ha	Apply once every 10 to 20 days at 10 Litres p/ha via sprayer or if applying via irrigation, application rate may be increase to 5 litres p/ha.
Vineyards & Orchards	3-7L p/ha	Apply once every 10 to 20 days from when tree/vine is in full foliage through to harvest.
Pasture	3-7L p/ha	Apply in a minimum of 2 applications. One in spring, the other in autumn.
Turf	30-100mL p/100sqm	Apply to soil monthly.

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