

An organic source of N, P, K for plant use and microbial soil activity



# HydraFish®

## LIQUID BIOSIMULANT

**HydraFish®** is an excellent and natural source of vital nutrients including nitrogen, phosphorus, potassium, calcium, and trace elements. It is an alternative source of nitrogen suitable for use in organic farming systems. *HydraFish* is a certified organic input and can be soil or foliar applied.

### Good for the soil, plants and the environment

**HydraFish** is made from whole fish and carcass products that are the waste from processing plants. Rather than this unsaleable output go to landfill, it is converted into a nutrient rich fertiliser – it's a true upcycled natural product.

**HydraFish** is manufactured using the process of hydrolysis. The fish solids are broken down in a cold process using natural enzymes to ensure that nutrients and trace elements are retained. These nutrients that microbes love, are readily absorbed and utilised by plants in foliar and soil applications.

The hydrolysis process results in a more nutrient rich complete fertiliser, compared to fish emulsion. Fish emulsion is produced by boiling/cooking fish solids. Heating breaks down beneficial amino acid chains and therefore results in natural minerals and nutrients also being lost.

**HydraFish** improves ongoing soil fertility by stimulating the activity of soil micro-organisms as organisms such as bacteria, earthworms and fungi digest the nutrients for the plant roots to use. The microbial activity enhances the strength and vigor of plants by increasing the amount of organic matter in the soil.

**HydraFish** is non-phytotoxic and can therefore be used on delicate plants or seedlings when diluted correctly.

**HydraFish** is an Australian manufactured fish hydrolysate



### Benefits of *HydraFish*:

- A natural source of organic N, P, K
- Feeds soil-borne microorganisms, promoting plant growth
- Delivers nutrients without the risk of burning
- Certified organic for broadacre and horticulture crops
- Non-pollutant and non phytotoxic
- A fine liquid so spray blockages are limited

### Typical Analysis

Particle size	<100 micron
Nitrogen	2.5%
Phosphorus	1.25%
Potassium	0.25%
Calcium	0.5%
pH	3.2 - 3.5
Fat and Oil	3.0% (approx.)
Salt (NaCl)	<36%

*Better soils. Better crops. Better stock.*



## Application and storage instructions

### Storage

- Store out of direct sunlight and below 30°C, away from children, animals, food and feed.
- Do not store mixed product.
- Shelf life of 18 months when stored per directions.

### Typical application

For trees, vines and vegetables 10 to 15L/ha every 14 to 21 days; initially as a ground application and then as foliar applications. Foliar spraying is not recommended 2-3 weeks prior to harvest. For pasture and turf 20L/ha at 21 day intervals.

### Mixing and spraying

- Use appropriate personal protective and handling equipment.
- When applying by boom spray use 80 to 100 micron screen on the main filter. Blockages can occur if neat product reaches the filter system.
- Agitate contents well before use.
- Add *HydraFish* separately and last when using other products. Add slowly to a to a near full spray tank while actively agitating. Following use allow adequate time to flush the irrigation system with clean water, including all mainlines, submains and lateral delivery lines.
- Before tank mixing, jar test all added products for compatibility of use.

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*HydraFish* a rich organic source of natural nutrients and amino acids that can be used to feed soil biology and plants, resulting in healthier soils and plants.

Suitable for use in vegetables, nuts, fruit trees & vines, including tropical fruit, pasture, turf and broad-acre crops.



*Distributor Information:*



**BioAg HydraFish®** is  
a certified organic input

bioag.com.au

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To find out more visit  
our website or call a  
BioAg Area Manager

