



SAMPI

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#5404M

Organically Certified Hydrolysate (fish Emulsion)

- * Is an organic fertiliser and soil revitaliser produced from fresh tuna
- * Is 100% pure liquid fish & contains a wide spectrum of major nutrients and trace elements in organic plant available form
- * Retains all the nutrients, trace elements, vitamins etc. that were present in the raw fish and is very effective as a livestock feed additive

- * Can be used as a foliar spray and also for ground application
- * Has a non-offensive smell, is easy to handle and simple to apply by spray equipment & fertigation
- * Is suitable for MOST soils, pastures, crops, ornamentals and vegetables
- * Is environmentally friendly and safe to plants

TOTAL NITROGEN	N	3.1	%
TOTAL PHOSPHORUS	P	0.34	%
TOTAL POTASSIUM	K	0.34	%
TOTAL SULPHUR	S	0.34	%
TOTAL CALCIUM	Ca	0.18	%
TOTAL MAGNESIUM	Mg	0.05	%
TOTAL SODIUM	Na	0.25	%
TOTAL IRON	Fe	184	ppm
TOTAL MANGANESE	Mn	2	ppm
TOTAL ZINC	Zn	43.9	ppm
TOTAL COPPER	Cu	2.6	ppm
TOTAL COBALT	Co	0.27	ppm
TOTAL BORON	B	37.5	ppm
TOTAL MOLYBDENUM	Mo	0.08	ppm
pH		3.6	
Electrical Conductivity		21510	µS/cm
TOTAL SELENIUM	Se	8.9	ppm
TOTAL CADMIUM	Cd	nil	ppm
TOTAL MERCURY	Hg	0.21	ppm
TOTAL LEAD	Pb	nil	ppm
TOTAL ARSENIC	As	nil	Ppm

Minimum Crude Protein 19.6% Oil 5-15%

Pasture

Apply spring and autumn in moist conditions morning OR afternoon 10-20L/ha diluted 10:1. Dairy and beef: rotational grazing, apply 7 days after grazing at 5-7L/ha – additional nitrogen may be added, 5-10kg/ha dissolved in 200ltrs water.

Field Crops + Vegetables

20-40L/ha at pre-planting diluted min 10:1. Foliar spray 5-7L/ha at 10-21 day intervals at 50:1 dilution. Apply in moist conditions.

Orchards and Vines

Apply inter row to soil or grass/clover cover in spring and autumn through field jet 10-20L/ha diluted min 10:1. Foliar sprays: apply through high volume sprayers morning or afternoon in moist conditions at 5-10L/ha diluted 100:1. Up to 5 applications through growing period – may be added to nutrient sprays.

Nurseries

Apply every 10-21 days at 5-10mls/ltr of water to foliage up till point of run-off. Higher rates 10-20ml/ltr applied to soil pre-plant

READ BEFORE USING

-Stir well before using

-Use filter socks where applicable

-Field or flood jets may be used to apply to pasture etc

-Do not apply undiluted or in the heat of the day

-May be mixed with water in bucket prior to pouring through filter in top of tank

-Wash equipment soon after use

-Do not store in diluted form

-may be used with herbicides and pesticides, however, biological balance may be affected.

-May be applied with other biological stimulants to enhance results; do not mix concentrates; add to tank solution separately. If in doubt check the ph compatibility
-Lesser amounts applied more frequently will give best results

-when applied with other products always check compatibility by jar testing a small amount at equivalent concentrations

-fish oil component may become waxy at cold temperatures

-fish hydrolysate is a natural product. Each batch may vary slightly. Its structure may change over time or under varying storage conditions.

Every care is taken during manufacture. The manufacturer and its agents accept no responsibility for injury, damage or consequent loss arising from its use or misuse once product leaves the factory.

Livestock Feed additive

with 15-25% tuna oil Approx 6% added and mixed with usual feed. Improves general health, increases palatability and weight gain, improves coat condition. 98.5% digestibility, introduces omega oils and selenium to eggs and meat. Not to be fed to ruminants at present