

SUPA FISH®

NPKS 10-2-9-0 + Trace Elements



Concentrated biological activator, based on fish emulsion and added NPK to boost plant yield and soil fertility

BENEFITS OF SUPA FISH®

The unique combination of fish emulsion and NPK increases microbial numbers, helps crops recover from stress and improves nutrient uptake.

- Supplies a range of amino acids to the plant to enhance plant vigour and health.
- Nutrients are completely soluble and plant available.
- Ideal to use at most growth stages on a wide range of crops.
- Free flowing formulation makes it easy to decant into spray equipment, mixing and irrigation tanks.
- Can be applied with a wide range of other agricultural chemicals, reducing the number of spray applications needed.

FISH EMULSION

Essential nutritional elements contained in fish emulsions make them an excellent choice as a source of organic plant nutrients. Fish emulsions stimulate plants and enrich soils, and when combined with a balanced NPK, make an ideal fertiliser for most stages of plant growth.

THE IMPORTANCE OF NITROGEN

Nitrogen forms proteins and increases the yield of all crops. It is the essential building block of plant structure and is vital to plant growth but can be a limiting factor in uptake of other nutrients. Nitrogen is often leached from the soil therefore regular small applications will ensure efficient uptake without excessive losses.

THE IMPORTANCE OF POTASSIUM

Potassium regulates the electrolytes and turgidity of plant cells. Potassium occurs in the guard cells of the stomata and is therefore essential in respiration and transpiration. Potassium also assists in cell division, protein and carbohydrate formation. Lack of potassium when the plant is young cannot be compensated for later.

THE IMPORTANCE OF PHOSPHORUS

Plants need phosphorus at all growth stages, particularly in early growth stages as it is necessary for cell division and growth within the plant. Although mobile within the plant, it is relatively immobile in soil.

SUPA FISH[®]

CHARACTERISTICS: pH: 5.5 – 6.5; Specific Gravity: 1.24 – 1.26

AUS Analysis W/W%: 9.7% N, 2.4% P, 9.4% K, 0.001% Mo, 0.1% B

International Analysis W/W%: 8.3% N, 4.7% P(P₂O₅), 9.7% K (K₂O), 0.0008% Mo, 0.08% B

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar: 4 – 7L/ha** in a minimum of 10 - 60 L final spray volume. **Fertigation: 10 - 15L/ha.** Canola: Foliar spray at growth stage one - 4 or more leaves. Repeat at onset of stem elongation. Cereals: Foliar spray four – five leaf to early stem extension Zodok's G.S. 12 - 30. Applications post GS30 are not recommended. Apply at seeding via soil injection, placement 50mm below & to the side of seed or as directed by your agronomist.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 4 – 8L/ha** in a minimum of 400 – 800L final spray volume. **Fertigation: 7 - 20L/ha.** Apply as required to encourage & maintain growth. Note: **DO NOT apply as a foliar to stone fruit during leaf growth.** Apply Post harvest but before leaf drop.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar: 5 – 10L/ha** in a minimum of 500 – 1000L final spray volume. **Fertigation: 10 - 20L/ha.** 3 applications at monthly intervals during summer flush.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins. Folia: 5 – 8L/ha in a minimum of 500– 800L final spray volume. **Fertigation: 8 - 15L/ha.** Apply as required. Wet foliage evenly to drip. When practical use higher (more dilute) water rates. Fertigate during fruiting to replenish nutrients.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar: 4 – 6L/ha** in a minimum of 400 – 600L final spray volume. **Fertigation: 8 - 15L/ha.** Apply as required. Wet foliage evenly to drip. When practical use higher (more dilute) water rates. **DO NOT apply in heat of day.** Fertigate to replenish nutrients.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar: 4 – 6L/ha** in a minimum of 400 – 600L final spray volume. **Fertigation: 8 - 15L/ha.** Apply as required. Wet foliage evenly to drip. When practical use higher (more dilute) water rates.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar: 6 – 10L/ha** in a minimum of 600 – 1000L final spray volume. **Fertigation: 10 - 15L/ha.** Applications commencing at bud burst. **DO NOT EXCEED 3x label rate. DO NOT EXCEED 3x concentration.**

Fertigation rates are dependent on seasonal nutrient demand.

Agitate contents well prior to application.

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NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.