



KEMGRO®

BIO-5®

BLEND OF FIVE ORGANIC PRODUCTS



- ✓ Increase resistance to frost & drought
- ✓ Improves fruit quality, colour & sugar levels
- ✓ Promotes soil microbes & soil health
- ✓ Australian Manufacturer

Kemgro® BIO-5® is a premium organic liquid blend of five organic products that unlock your soils full potential by promoting microbe activity in the soil. Bio-5® has five organics that all work together for obtaining overall plant health. **Fish** is a natural source of nitrogen to help draw nitrogen from the atmosphere, **Seaweed** acts as a soil conditioner for improved soil health, **Molasses** feeds microbes & increases sugar levels, while **Fulvic Acid** activates nutrient up take, **Amino Acid** is an easily absorbed form of nitrogen, **Humic Acid** assists with water holding capacity & increases carbon in the soil. Bio-5® can be applied as a soil conditioner, through fertigation system or as a foliar spray. Filtered to 100 microns for easy application.

**SUITABLE FOR ALL CROPS,
GARDEN PLANTS & LAWNS**

| TYPICAL ANALYSIS | AMOUNT | UNITS |
|------------------|--------|---------|
| PH | 4.1 | units |
| Specific gravity | 1.07 | |
| Filtered | 100 | microns |
| Nitrogen (N) | 2.1 | %w/v |
| Phosphorus (P) | 0.45 | %w/v |
| Potassium (K) | 2.5 | %w/v |
| Calcium (Ca) | 2029 | mg/L |
| Sulphur (S) | 1530 | mg/L |
| Magnesium (Mn) | 802 | mg/L |
| Iron (Fe) | 4.1 | mg/L |
| Zinc (Zn) | 12.5 | mg/L |

AVAILABLE IN



DIRECTIONS FOR USE Shake well or agitate before use. Always use diluted and do not exceed recommended rate per hectare. Lesser amounts applied more frequently will give best results.

| CROP | RATE/HA | APPLICATION RATES AND TIMING |
|------------------------|--------------------|---|
| Vines | 3-6 litres | At 5-10cm cane, full bloom, berry set and 4 weeks later |
| Citrus | 3-6 litres | 100mm new growth flush, 2 weeks pre-bloom, petal fall, repeat every 4 weeks |
| Stone & Pome Fruit | 3-6 litres | Bud burst, early fruit formation and 3-4 weeks later |
| Vegetables | 3-6 litres | 2-3 weeks after emergence then every 2-3 weeks until harvest |
| Olives | 3-6 litres | 2 weeks pre-bloom then every 3-4 weeks until harvest |
| Avocados | 3-6 litres | Start of regrowth, 2 weeks pre-bloom, 2 weeks after petal fall then every 3-4 weeks until harvest |
| Tree Nuts | 3-6 litres | 3 applications from flowering |
| Berries | 3-5 litres | After transplant, prior to flowering then every 2-3 weeks in picking season |
| Cereals and broadacre | 3-5 litres | First node, flag leaf and after any environmental stress |
| Golf courses and ovals | 4-5 litres | Apply every 2-3 weeks during the growth season |
| Seed dressing | 5 litres per ton | |
| Transplanting | 1-200 dilution | Apply to seedling tray as a drench 2-5 days before transplanting |
| Frost and heat stress | 4-7 litres | Every 14-21 days during risk period |
| Fertigation | 10-20 litres | As required |
| Home garden | 30ml per 10 litres | As required |

