# TECHNICAL DATA SHEET

# MEGA-KEL-P®

FOLIAR

PROUDLY MADE IN AUSTRALIA

## PRODUCT CATEGORY

Liquid Fertilizer and Growth Stimulant

## ELEMENTAL ANALYSIS:

| Elemental Analysis: | %W/V |
|---|---|
| Nitrogen (N) | 4.00 |
| Phosphorous (P) | 9.00 |
| Potassium (K) | 2.10 |
| Sulphur (S) | 2.70 |
| Manganese (Mn) | 1.90 |
| Magnesium (Mg) | 1.30 |
| Zinc (Zn) | 1.30 |
| Boron (B) | 0.22 |
| Copper (Cu) | 0.23 |
| Iron (Fe) | 0.18 |
| Molybdenum (Mo) | 0.03 |
| Cobalt (Co) | 0.02 |
| Amino Acids, Seaweed, Fulvic Acids, Biostimulants, Uptake enhancers | |
| SG | 1.30 |

## KEY BENEFITS:

Mega-Kel-P® is a potent foliar solution for stress management, aiding rapid crop recovery from environmental challenges like waterlogging and heat stress. It boosts root stimulation, fruit retention, and sizing, enhancing overall crop performance.

By improving nutrient assimilation and pre-conditioning plants for stress, it leads to healthier crops with increased yields and shelf life.

This organic-based solution, rich in phosphorus, chelated trace elements, and amino acids, promotes photosynthesis and production.

Additionally, it contains natural growth hormones and high-quality Fulvic Acid to stimulate cell division and elongation.

## APPLICATION RATES & TIMING:

| Crop | Rate L/ha | Timing |
|---|---|---|
| Almond | 5-7 L/ha | 3 sprays 2-4 weeks apart from petal fall until stone hardening. |
| Apple | 5-7 L/ha | 3 sprays 2-4 weeks apart from preflowering until end of fruit cell division. |
| Avocado | 5-7 L/ha | 3 sprays 4 weeks apart from preflowering until end of fruit cell division. Additional applications prior to heat stress events will reduce fruit drop. |
| Banana | 5-7 L/ha | 3 sprays 4 weeks apart from early vegetative growth. |
| Brassica | 5 L/ha | Preplant dip in 1% solution. 2 sprays two and four weeks after transplanting. |
| Broadacre | 3-5 L/ha | Apply during early plant development and beginning of reproductive cycle. |
| Canola | 3-5 L/ha | Apply at 6 leaf stage and at early flowering. |
| Carrot | 5 L/ha | 3 sprays 4 weeks apart from 6 leaf stage. |
| Cereal | 3-5 L/ha | Apply at early tillering and prior to head emergence. |
| Cherry | 5 L/ha | 3 sprays 2-4 weeks apart from petal fall until stone hardening. |
| Citrus | 5-7 L/ha | 3 sprays 4 weeks apart from preflowering until end of fruit cell division. |
| Cotton | 5 L/ha | Apply during early plant development and early boll development. |
| Green Beans | 5 L/ha | 2 sprays two and four weeks after emergence. |
| Lettuce | 5 L/ha | Preplant dip in 1% solution. 2 sprays two and four weeks after transplanting. |
| Legume, Field Peas | 3-5 L/ha | Apply during early plant development and beginning of reproductive cycle. |

*Continued overleaf*

| | | |
|---|---|---|
| Lucerne | 5 L/ha | Apply at 100mm growth after each cut. |
| Macadamia | 5-7 L/ha | 3 sprays 4 weeks apart from preflowering until end of fruit cell division. Additional applications prior to heat stress events will reduce fruit drop. |
| Mango | 5-7 L/ha | 3 sprays 4 weeks apart from preflowering until end of fruit cell division. Additional applications prior to heat stress events will reduce fruit drop. |
| Melons | 5 L/ha | Preplant dip in 1% solution. Apply every two weeks beginning at 6 leaf stage. |
| Onion | 5 L/ha | 3 sprays 4 weeks apart from 6 leaf stage. |
| Orchard Crop | 5-7 L/ha | 4 sprays 2-4 weeks apart from early canopy development until end of fruit cell division and immediately post harvest. |
| Potato | 5-7 L/ha | 2-3 sprays two weeks before and at tuber initiation. |
| Pumpkin | 5 L/ha | Preplant dip in 1% solution. Apply every two weeks beginning at 6 leaf stage. |
| Stone Fruit | 5 L/ha | 3 sprays 2-4 weeks apart from petal fall until stone hardening. |
| Strawberry | 5 L/ha | Preplant dip in 1% solution. Apply every two weeks from early vegetative growth. |
| Sugar Cane | 5 L/ha | 2 sprays 4 weeks apart during early growth. |
| Sweet Potato | 5-7 L/ha | 2-3 sprays two weeks apart from early emergence. |
| Table Grape | 3-5 L/ha | 4 sprays, 2cm shoot growth, 10cm shoot growth and preflowering, as required and immediately post harvest. |
| Tomato | 5 L/ha | Preplant dip in 1% solution. Apply every two weeks from early vegetative growth. |
| Turf | 5 L/ha | Apply every 2-4 weeks as required. |
| Vegetable | 3-5 L/ha | 2-3 sprays 2-3 weeks apart starting at establishment. |
| Wine Grape | 3-5 L/ha | 4 sprays, 2cm shoot growth, 10cm shoot growth and preflowering, as required and immediately post harvest. |

## APPLICATION GUIDELINES:

**MIX WELL BEFORE USE**

For best results, apply when plants have sufficient leaf area.

Mega-Kel-P® can be mixed with most insecticides, herbicides, and fungicides.

If mixing with other products test for compatibility with a small quantity in a jar. Mega-Kel-P® can contain coarse materials & may block fine filters in spray equipment. Use 180-micron (80 mesh) filters & nozzles.

## TYPICAL CHEMICAL CHARACTERISTICS:

| | |
|---|---|
| **pH:** | 2.3 |
| **Colour:** | Greenish Brown |
| **Form:** | Liquid |
| **Odour:** | Slight pungent |
| **Density @ 20°C:** | 1.35 g/cm$^3$ |
| **Solubility in Water:** | Fully miscible |

## PACKAGING SIZES AVAILABLE:

20 L, 200 L and 1000 L

## IDEAL STORAGE CONDITIONS:

Store in cool and dry conditions (Preferably below 30°C)

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