

Haifa EAP™

Sulfate of Potash Greenhouse Grade

0-0-51+45SO₃, fully water soluble

PRODUCT INFORMATION

| Analyte | Units | Typical |
|---|-----------------------|---------|
| Water soluble potassium (as K ₂ O) | % | 51.0 |
| Water soluble potassium (as K) | % | 42.3 |
| SO ₃ | % | 45 |
| S | % | 18 |
| pH (10% Solution) | -log[H ⁺] | 2.0-4.0 |

| Haifa SOP™ g/1000L water (oz/264 gal water) | Nutrient Concentration (ppm) | | | |
|---|------------------------------|-----|-----------------|----|
| | K ₂ O | K | SO ₃ | S |
| 100g (3.53oz) | 52 | 43 | 45 | 18 |
| 110g (3.88oz) | 57 | 47 | 49 | 19 |
| 135g (4.76oz) | 70 | 58 | 60 | 24 |
| 180g (6.35oz) | 93 | 78 | 81 | 32 |
| 225g (7.94oz) | 117 | 97 | 101 | 40 |
| 1 Lb (16oz) | 236 | 196 | 204 | 81 |

| Haifa SOP™ Water Temperature °C | Solubility | | Water Temperature °F |
|---------------------------------------|------------|--------------|-------------------------|
| | g/L water | oz/gal water | |
| 0 | 7.4 g | 0.99 oz | 32 |
| 10 | 9.3 g | 1.24 oz | 50 |
| 20 | 11.1 g | 1.48 oz | 68 |
| 30 | 13.0 g | 1.74 oz | 86 |
| 40 | 14.8 g | 1.98 oz | 104 |

Note: Water solutions of Haifa SOP tend to super-cooling, so actual solubility is usually higher

Weight of Water is 8.34 lbs/gal

1% solution would be 8.34 lbs of material /100 gal of water

Uses:

- Fertilizer for Nutrigation™ (fertigation) of soil and soilless greenhouse crops
- Production of fertilizer blend and liquid fertilizer solutions





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Haifa North America
307 Cranes Roost Blvd., Suite 2030
Altamonte Springs, FL 32701
Toll Free: 800.649.4944
www.haifa-group.com