



humifirst

**High quality liquid Humic and Fulvic Acids
derived from American Leonardite, no insolubles**



DESCRIPTION

- Humic & Fulvic Acids from American Leonardite, the original & premier source of Humic Acids for Agriculture
- 100% soluble with no particulate matter or other insolubles, so no blockages
- Promotes root elongation and secondary root development in all crops
- Use on all crops, from establishment through to fruit swell & post-harvest in perennial crops
- Suitable for use in all fertigation and spray tank equipment
- Suitable for use in all soils
- Production system certified to ISO 9001 & ISO 14001
- Guaranteed contents including Humic Acid, Fulvic Acid and Total Humic Extract (THE)
- 20 L drum (other sizes available if forecasted)

TECHNICAL SPECIFICATIONS

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|-----------------------------------|---------------------|
| - Total Humic Extract (THE): | 16.5% w/v |
| - Humic Acid: | 13.2% w/v |
| - Fulvic Acid: | 3.3% w/v |
| - Potassium (K) soluble in water: | 4.5% w/v |
| - Presentation: | Soluble Liquid (SL) |
| - Colour: | Black |



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DRIP APPLICATION

| | | |
|--------------------------------------|------------|---|
| General (Horticulture) | 5-8 L /ha | 2-5 applications every 7-10 days from germination with particular focus after germination / budburst up to pre-flowering |
| General (Orchard & Vines) | 6-10 L /ha | 3-6 applications throughout the crop cycle beginning at budburst (or pre-flowering in hysteranthous species such as almond, cherry, plum etc.). Initial applications of 8 L /ha with 1-2 post harvest applications of 5 L /ha (8-12 L /ha in mechanically harvested crops like almonds) |

FLOOD APPLICATION

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| General | 7-10 L /ha | 4-6 applications 1 week after emergence. Subsequent applications should target maximum growth stages, stem elongation, flowering and fruit set |
| Cane | 15-20 L /ha | 1 application at each ratoon |

SPRINKLER / PIVOT

| | | |
|----------------|------------|---|
| General | 7-10 L /ha | 3-5 application as per drip irrigation. Rinse leaves afterwards if used on leafy vegetables |
|----------------|------------|---|

SOIL SPRAY

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|---------------------------------|-------------|---|
| General: Soil Spray Boom | 30-40 L /ha | 1 application early in the crop cycle, pre, during or post sowing Use a minimum of 200 L /ha water |
| General: Soil Spray Row | 15-20 L /ha | 1 application early in the crop cycle, pre, during or post sowing Use a minimum of 150 L /ha water |

GROWTH SUBSTRATE

| | | |
|------------------|---------------------|--|
| General | 2 L /m ³ | 1 application. Incorporate when preparing the potting mix |
| Sprinkler | 1 L / 100 L | 1-2 applications In situations of young foliage contact apply at 0.25% concentration. Do not apply when leaf cover of soil exceeds 25% |

DOSAGE AND METHOD OF USE