

## Product Information

# NOVACID®

## 3-10-37+4MgO+TE

NOVACID is a specialty line of fully water-soluble, acidifying NPK fertilizers. NOVACID guarantees a balanced nutrient supply, which delivers better yield and quality. The various analyses are ideal for drip-irrigated vegetables, fruit trees, and arable crops.

Drip irrigation enhances water and nutrient use efficiency and significantly reduces nitrous oxide (N<sub>2</sub>O) emissions compared to furrow and sprinkler irrigation systems.

### Product advantages

- NOVACID's acidity neutralizes and dissolves bicarbonates, preventing the clogging of pipes and drippers
- Extends the lifespan of irrigation systems
- Uniform and efficient distribution of irrigation water and fertilizers
- Increased nutrient availability in the soil solution, improving nutrient uptake by the plants
- High potassium formula with magnesium and micronutrients
- Low in nitrogen, allowing full and independent control over the nitrogen in the fertigation program
- Promotes environmental sustainability

### Specific usage

NOVACID 3-10-37+4MgO+TE is recommended for the ripening and developing stages.

### Application rates

| Crop               | Dosage, kg/ha/week |
|--------------------|--------------------|
| Soft fruits        | 6-12               |
| Vegetables         | 55-110             |
| Leafy vegetables   | 20-40              |
| Orchards/vineyards | 6-12               |

Contact ICL or your professional advisor for specific advice or recommendations.

#### Product characteristics

Maximum solubility: 25 kg/100 L water (25°C)  
EC value: 1.39 mS/cm (at 1 g/L)  
pH value: 2.9 (at 10 g/L)  
HCO<sub>3</sub> reduction: 12.71 mg/L  
Solution color: off white  
Packaging: 25 kg bag (PE)  
Item code: 6103103701

#### Guaranteed analysis

|   |        |
|---|--------|
| Total nitrogen (N)                                    | 3%     |
| Nitrate nitrogen (N-NO <sub>3</sub> ) water soluble   | 3%     |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) | 10%    |
| Potassium oxide (K <sub>2</sub> O)                    | 37%    |
| Sulphur trioxide (SO <sub>3</sub> )                   | 27.5%  |
| Magnesium oxide (MgO)                                 | 4%     |
| Copper (Cu)*  | 0.005% |
| Iron (Fe)*  | 0.1%   |
| Manganese (Mn)*                                       | 0.05%  |
| Zinc (Zn)*  | 0.025% |
| Molybdenum (Mo)                                       | 0.005% |

\*Chelated by EDTA



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### The right product for the right phase (partial list)

| Formulation for                    | Formulation            | Contains |     |    | No Chloride | No or low Urea |
|------------------------------------|------------------------|----------|-----|----|-------------|----------------|
|                                    |                        | MgO      | CaO | TE |             |                |
| Starter phase                      | 6-60-10                |          |     |    | •           | •              |
|                                    | 13-40-13+TE            |          |     | •  |             |                |
|                                    | 10-50-10+TE            |          |     | •  | •           |                |
|                                    | 19-19-19+3CaO          |          | •   |    |             |                |
| General growth phase               | 7-23-24+6.5CaO         |          | •   |    |             | •              |
|                                    | 12-4-34+4MgO+TE        | •        |     | •  |             |                |
|                                    | 12-4-36+3CaO+TE        |          | •   | •  |             |                |
|                                    | 21-8-21+3CaO+TE        |          | •   | •  |             |                |
|                                    | 10-6-21+8MgO+TE        | •        |     | •  | •           | •              |
|                                    | 19-19-19+3CaO          |          | •   |    |             |                |
|                                    | 7-14-35+3.5MgO         | •        |     | •  | •           |                |
|                                    | 10-17-22+9CaO          |          | •   |    | •           |                |
|                                    | 12-6-28+ME             |          |     | •  | •           |                |
|                                    | 15-5-29+3 CaO          |          |     |    |             |                |
| Fruit setting and developing phase | 16-8-25+4MgO+ME        | •        |     | •  |             |                |
|                                    | 10-6-21+8MgO+TE        | •        |     | •  | •           | •              |
|                                    | 19-19-19+3CaO          |          | •   |    |             |                |
|                                    | 10-17-22+9CaO          |          | •   |    | •           |                |
|                                    | 14-7-14+14CaO+TE       |          | •   | •  | •           | •              |
| Production and ripening phase      | 16-8-25+4MgO+ME        | •        |     | •  |             |                |
|                                    | 3-10-37+4MgO+TE        | •        |     | •  | •           | •              |
|                                    | 5-5-50                 |          |     |    |             |                |
|                                    | 6-6-46                 |          |     |    |             |                |
|                                    | 7-5-36+7CaO+0.1B       |          | •   | •  |             | •              |
|                                    | 12-4-34+4MgO+TE        | •        |     | •  |             |                |
|                                    | 12-4-36+3CaO+TE        |          | •   | •  |             |                |
|                                    | 10-10-40+TE            |          | •   |    | •           | •              |
|                                    | 10-6-21+8MgO+TE        | •        |     | •  | •           | •              |
|                                    | 12-7-32 + 4.5 CaO + TE |          | •   | •  |             |                |
|                                    | 7-14-35+3.5MgO+TE      | •        |     | •  | •           |                |
|                                    | 12-6-28+ME             |          |     | •  | •           |                |
|                                    | 15-5-29+3 CaO          |          | •   |    |             |                |

