

## Product Information

# NOVACID®

## 12-4-34+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 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
- Enriched with potassium, magnesium, and micronutrients
- All-in-one convenience of solving water quality problems with one product
- Promotes environmental sustainability

### Specific usage

NOVACID 12-4-34+4MgO+TE is designed especially for magnesium-deficient irrigation water sources and is adapted for the higher potassium demands of the general growth and production phases.

### Application rates

Crop	Dosage, kg/ha/week
Soft fruits	30-60
Vegetables	80-150
Leafy vegetables	60-120
Orchards	50-100

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

#### Product characteristics

Maximum solubility: 32 kg/100 L water (25°C)  
EC value: 1.34 mS/cm (at 1 g/L)  
pH value: 3.0 (at 10 g/L)  
HCO<sub>3</sub> reduction: 17.28 mg/L  
Solution color: green  
Packaging: 25 kg bag (PE)  
Item code: 6112043402

#### Guaranteed analysis

Total nitrogen (N)	12%
Urea nitrogen (N-NH <sub>2</sub> )	12%
Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> )	4%
Potassium oxide (K <sub>2</sub> O)	34%
Sulphur trioxide (SO <sub>3</sub> )	8%
Magnesium oxide (MgO)	4.0%
Chloride (Cl)	25%
Copper (Cu) water soluble*	0.0025%
Iron (Fe) water soluble*	0.04%
Manganese (Mn) water soluble*	0.02%
Molybdenum (Mo) water soluble	0.0025%
Zinc (Zn) water soluble*	0.01%

\*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					
	16-8-25+4MgO+ME	•		•		
Fruit setting and developing phase	10-6-21+8MgO+TE	•		•	•	•
	19-19-19+3CaO		•			
	10-17-22+9CaO		•		•	
	14-7-14+14CaO+TE		•	•	•	•
	16-8-25+4MgO+ME	•		•		
Production and ripening phase	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		•				

