

Product Information

NOVACID®

13-40-13+TE



Drip irrigation is an effective practice for enhancing water and nutrient use efficiency. In addition, when compared to furrow and sprinkler irrigation systems, drip irrigation significantly reduces nitrous oxide (N₂O) emissions.

The ICL NOVACID range includes analyses ideal for drip-irrigated vegetables, fruit trees, and arable crops. NOVACID is a specialty range of fully water-soluble, acidifying NPK fertilizers. The acidity neutralizes and dissolves bicarbonates in the irrigation system, while the balanced supply of nutrients delivers better yield and quality.

Product advantages

- Prevents pipes and drippers from becoming clogged
- Extends the lifespan of irrigation systems
- Ensures uniform and efficient distribution of irrigation water and fertilizers
- Increases nutrient availability in the soil solution, thus improving nutrient uptake by plants
- High P formula
- Enriched with trace elements
- All-in-one convenience of solving water quality problems with one product
- Environmental sustainability

Specific usage

NOVACID 13-40-13+TE is especially recommended for the starter phase. Apply 25-50 kg/ha/week.

Application rates

Crop	Dosage, kg/ha/week
Soft fruits	20-38
Vegetables	40-80
Leafy vegetables	35-60
Orchards	20-50

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

Product characteristics

Maximum solubility: 44 kg/100 L water (25°C)
EC value: 0.99 mS/cm (at 1 g/L)
pH value: 3.5 (at 10 g/L)
HCO₃ reduction: 15.25 mg/L
Packaging: 25 kg bag (PE)
Item code: 6113401311

Guaranteed analysis

Total nitrogen (N)	13%
Urea Nitrogen (N-NH ₂)	5.8%
Ammonium Nitrogen (N-NH ₄)	7.2%
Phosphorus pentoxide (P ₂ O ₅)	40%
Potassium oxide (K ₂ O)	13%
Copper (Cu) water soluble*	0.005%
Iron (Fe) water soluble*	0.04%
Manganese (Mn) water soluble*	0.02%
Molybdenum (Mo) water soluble	0.005%
Zinc (Zn) water soluble*	0.01%
Boron (B)	0.036%

* 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		•			



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Attention: As circumstances can differ and as application of products is beyond our control, ICL cannot be held responsible for any negative results. With this publication, all previous given recommendations expire. Before a new rate, product or application method is used, a small scale trial is recommended.