

Product Information

NOVACID®

12-6-28+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 (N₂O) emission compared to furrow and sprinkler irrigation systems.

Product advantages

- NovAcid's acidity neutralizes and dissolves bicarbonates, preventing clogging of pipes and drippers.
- Longer lifespan of irrigation systems
- Highly acidic fertilizer based on Pekacid™ technology.
- Uniform and efficient distribution of irrigation water and fertilizers
- Increased nutrient availability in the soil solution, improving nutrient uptake by the plants
- All-in-one convenience of solving water quality problems with one product
- Promotes environmental sustainability

Specific usage

NovAcid 12-6-28+TE is adapted for the general growth stage, and production phase of different crops.

Application rates

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

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

Product characteristics

Maximum solubility: 280 g/l water (25°C)
EC value: 1.43 mS/cm (at 1 g/L)
pH value: 2.7 (at 10 g/L)
HCO₃ reduction: 12.7 mg/l
Solution color: off white
Packaging: 25 kg bag (PE)
Item code: 6112062802/7

Guaranteed analysis

Total nitrogen (N)	12%
Ammonium nitrate (N-NH ₄)	4%
Urea nitrogen (N-NH ₂)	8%
Phosphorus pentoxide (P ₂ O ₅)	6%
Potassium oxide (K ₂ O)	28%
Sulphur trioxide (SO ₃)	34.4%
Copper (Cu)*	0.0025%
Iron (Fe)*	0.04%
Manganese (Mn)*	0.02%
Molybdenum (Mo)	0.0025%
Zinc (Zn)*	0.01%

* Chelated by EDTA



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The right product for the right phase

Formulation for	Formulation	Contains			No chloride	No or low urea
		MgO	CaO	TE		
Starter phase	13-40-13+TE			●	●	●
	20-20-20+TE			●	●	●
General growth phase	30-10-10+2MgO+TE	●		●	●	
	20-20-20+TE			●	●	●
	12-6-28+TE			●	●	●
Fruit setting and developing phase	30-10-10+2MgO+TE	●		●	●	
	12-6-28+TE			●	●	
	20-20-20+TE			●	●	●
Production phase	10-10-40+TE			●	●	●
	12-6-28+TE			●	●	



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