

## Product Information

# NOVACID®

## 21-8-21+3CaO+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
- Contains NPK and a high level of Zn and Mn
- Classic composition of NK for use when lower amounts of phosphorus are required
- Contains calcium to resolve Ca deficiencies
- Promotes environmental sustainability

### Specific usage

NOVACID 21-8-21+3CaO+TE is designed especially for calcium-deficient irrigation water sources and is ideal for the general growth phase.

### Application rates

Crop	Dosage, kg/ha/week
Soft fruits	30-50
Vegetables	100-150
Leafy vegetables	30-90
Orchards	30-50

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

#### Product characteristics

Maximum solubility: 60 kg/100 L water (25°C)  
EC value: 1.05 mS/cm (at 1 g/L)  
pH value: 2.82 (at 10 g/L)  
HCO<sub>3</sub> reduction: 17.79 mg/L  
Solution color: off white  
Packaging: 25 kg bag (PE)  
Item code: 6121082101

#### Guaranteed analysis

Total nitrogen (N)	21%
Nitrate nitrogen (N-NO <sub>3</sub> ) water soluble	1.5%
Ammonium Nitrogen (N-NH <sub>4</sub> )	0.7%
Urea Nitrogen (N-NH <sub>2</sub> )	18.8%
Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> )	8%
Potassium oxide (K <sub>2</sub> O)	21%
Calcium Oxide (CaO)	3%
Chloride (Cl)	15%
Manganese (Mn)*	0.1%
Zinc (Zn)*	0.1%

\*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		•			



[www.icl-growingsolutions.com](http://www.icl-growingsolutions.com)

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.