Product Information

NOVACID®

12-4-36+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_2O) 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, calcium, and micronutrients
- All-in-one convenience of solving water quality problems with one product
- Environmental sustainability

Specific usage

NOVACID 12-4-36+3CaO+TE is designed especially for calcium-deficient irrigation water sources and is ideal for the general growth and production phases when potassium demand is high.

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: 60 kg/100 L water (25°C)
EC value: 1.3 mS/cm (at 1 g/L)
pH value: 2.8 (at 10 g/L)
HCO_3 reduction: 17.79 mg/L
Packaging: 25 kg bag (PE)
Item code: 6112043606

Guaranteed analysis

Total nitrogen (N)	12%
Nitric nitrogen ($N\text{-}NO_3$)	1.6%
Urea nitrogen ($N\text{-}NH_2$)	10.4%
Phosphorus pentoxide (P_2O_5)	4%
Potassium oxide (K_2O)	36%
Calcium oxide (CaO)	3.0%
Chloride (Cl)	27%
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*