Product Information

NovAcid®

19-19-19+CaO+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 (N_2O) 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

- 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
- Balanced formula to meet crops' nitrogen, phosphorus, and potassium needs
- Enriched with calcium and trace elements
- All-in-one convenience of solving water quality problems with one product
- Environmental sustainability

Specific usage

NovAcid 19-19-19+3CaO+TE is designed especially for irrigation water sources suffering from calcium deficiency. It is ideal for establishment phase where it encourages root development, and also to the general growth phases of crops.

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:
37 kg/100 L water (25°C)
EC value: 0.76 mS/cm (at 1 g/L)
pH value: 2.87 (at 10 g/L)
HCO_3 reduction: 12.7 mg/L
Packaging: 25 kg bag (PE)
Item code: 6119191937

Guaranteed analysis

Total nitrogen (N)	19%
Nitrate nitrogen (NO_3-N)	1.5%
Urea nitrogen (NH_2-N)	16.3%
Ammoniacal nitrogen (N-Nh_4)	1.2%
Phosphorus pentoxide (P_2O_5)	19%
Potassium oxide (K_2O)	19%
Calcium oxide (CaO)	3.0%
Chloride (Cl)	8.7%
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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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.