

Product Information

NOVA NPK®

19-19-19+TE

Nova NPK water soluble fertilizers are ideal for open field and greenhouse fertigation. Nova NPK fertilizers provide complete nutrition and are available in different formulas: with chloride for Cl-tolerant crops, field crops, orchards, and plantations, and without chloride for greenhouse and Cl-sensitive crops.

The ICL Nova NPK range of water-soluble fertilizers has been developed with three objectives:

1. The availability of all nutrients in the correct proportions
2. The convenience of solving water quality problems with one product
3. Environmental sustainability

Drip irrigation enhances water and nutrient use efficiency and significantly reduces nitrous oxide (N₂O) emissions compared to furrow and sprinkler irrigation systems.

Product advantages

- Dependable quality and results
- Smart designs: a complete range with the right analyses for every need
- Made with clean, low-impurity materials
- ICL's tight control of ingredients and manufacturing ensures consistent high-quality
- Balanced formula with micronutrients
- Environmental sustainability

Specific usage

Nova NPK 19-19-19+TE is recommended for the establishment stage, encouraging root development and perfect as a starter fertilizer and for the general growth stage.

Application rates

Crop	Dosage, kg/ha/week
Vegetables	35-70
Leafy vegetables	20-40
Orchards/Vineyards	35-50

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



Product characteristics

Maximum solubility: 40 kg/100 L water (25°C)
EC value: 0.9 mS/cm (at 1 g/L)
pH value: 4.7 (at 10 g/L)
Packaging: 25 kg bag (PE)
Item code: 6119191905

Guaranteed analysis

Total nitrogen (N)	19%
Ammonium nitrogen (N-NH ₄)	3.7%
Urea nitrogen (N-NH ₂)	15.3%
Phosphorus (P)	8%
Phosphorus pentoxide (P ₂ O ₅)	19%
Potassium (K)	15.8%
Potassium oxide (K ₂ O)	19%
Chloride (Cl)	15.5%
Copper (Cu)*	0.0025%
Iron (Fe)*	0.04%
Manganese (Mn)*	0.02%
Zinc (Zn)*	0.01%
Molybdenum (Mo)	0.0025%

*Chelated by EDTA



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.

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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	12-44-12+TE			●	●	●
	19-19-19+3MgO+TE	●		●	●	
	20-20-20+TE			●	●	
	19-19-19+TE			●		
	15-30-15+1MgO+B+TE	●		●	●	
General growth phase	16-8-28+4MgO+TE	●		●	●	
	17-8-17+TE			●	●	
	19-19-19+3MgO+TE	●		●	●	
	30-10-10+TE			●	●	
	19-19-19+TE			●		
Fruit setting and developing phase	15-14-28+1.6MgO+TE	●		●		
	16-8-28+4MgO+TE	●		●	●	
	15-5-30+3MgO	●				
	17-8-17+TE			●	●	
	16-10-24+1.6MgO+B+ME	●		●		
	14-14-30+TE			●	●	●
Production phase	15-5-30+3MgO	●				
	8-9-39+3MgO+TE	●		●	●	●
	9-12-36+3MgO+TE	●		●	●	●
	6-6-46					
	18-0-36					

Directions of use

For dilution tables please visit www.icl-growingsolutions.com



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