



AGROLUTION pHLOW®

Agrolution pHLow High NK 20-10-20 +micros Fertilizer

 A root zone fertilizer with a one-to-one ratio of nitrogen and potassium and reduced phosphorus, ideal for use in cold soils



20 | 10 | 20 |
N P₂O₅ K₂O

Description

Agrolution pHLow High NK 20-10-20 with micros is a high NK water-soluble fertigation fertilizer ideal for general crop nutrition when lower phosphorus is desired. It provides complete crop nutrition for all times of the crop cycle, with an added boost of base level of micronutrients. Because 61.5% of the nitrogen is nitrates, this fertilizer is ideal for use in cold soils. Our Agrolution pHLow formulation is designed to be acidic, so it dissolves completely – even in hard water – making nutrients available to crops. It also reduces scale build-up and keeps irrigation systems clean. Delivering complete crop nutrition in a low-phosphorous formulation, Agrolution pHLow High NK 20-10-20 with micros helps growers produce stronger, better quality fruits and vegetables. Its ability to solve hard water issues makes it a convenient, easy-to-use solution.

Guaranteed analysis

N	Total Nitrogen	20%
	Nitrate nitrogen (N-NO ₃)	12.3%
	Ammoniacal nitrogen (N-NH ₄)	7.7%
P ₂ O ₅	Phosphorus Pentoxide	10%

K ₂ O	Potassium Oxide	20%
B	Boron	.02%
Cu	Copper	.05%
	Copper EDTA (Cu)	.05%
Fe	Iron	.1%
	Iron EDTA (Fe)	.1%
Mn	Manganese	.05%
	Manganese EDTA (Mn)	.05%
Mo	Molybdenum	.0005%
Zn	Zinc	.05%
	Zinc EDTA (Zn)	.05%

Benefits

- Provides complete crop nutrition with a base level of micronutrients
- Is a low phosphorus formulation with a one-to-one ratio of nitrogen to potassium
- Dissolves completely, even in hard water
- Contains 61.5% of nitrogen as nitrates
- Works well in cold soils
- Keeps irrigation systems clean and free of scale build-up
- Creates a low pH in soil solution, improving nutrient availability to the plant
- Can be used at all times of the crop cycle when low P is desired

Application rates

Number of Bags	Lbs. of Agrolution	Lbs. of Nitrogen	Stock Tank Size (gallons)			
			50	100	250	1000
			Lbs. of Nitrogen per Gal.			
1	50	10	0.20	0.10	0.04	0.01
2	100	20	0.40	0.20	0.08	0.02
5	250	50	1.00	0.50	0.20	0.05
10	500	100	N/A	1.00	0.40	0.10

Max solubility	Potential Basicity	pH of 1% solution	pH of 5% solution
6.0 lbs./gal.	419 lbs. Calcium Carbonate/ton	2.89	2.58

These rates are meant as a guideline. For assistance in developing a fertilizer program for your specific site(s), consult with your ICL Growing Solutions expert.

Attention

Contact your ICL advisor for more detailed advice. Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results.

<https://icl-growingsolutions.com/en-us/agriculture/products/agrolution-phlow-agrolution-phlow-high-nk-20-10-20-with-micros/>

Last updated on: 16/09/2026

ICL Growing Solutions marketing.int@icl-group.com

©2026 ICL. All rights reserved.

