HGS BioScience®



# POTATOES

## Crop Program

SOIL | FOLIAR | BOTH

| PRE-PLANT | IN-FURROW | SEEDLING | VEGETATIVE | HOOK | 0.5 IN TUBERS | EARLY BULK | LATE BULK | VINE KILL | POST-HARVEST |
|---|---|---|---|---|---|---|---|---|---|
| HumiK ONE Slingshot 5 lbs/ac | | | Nitros Dry 1-5 oz/ac | | | | | | HumiK ONE Slingshot 5 lbs/ac |
| HumiK ONE 5 lbs/ac | | | ReadyPhos MnZn FX 3 pt/ac | Alexin 2 pt/ac | Chelux SiliCal 1 pt/ac | Chelux K+ 2 pt/ac | | | HumiK ONE 5 lbs/ac |
| Growplex 4 oz/ac | | | Chelux SiliCal 2 pt/ac | | Chelux B 10 oz/ac | | | | Growplex 4 oz/ac |
| HumiK LX 1-4 qt/ac | | | | ReadyPhos Bloom 3 pt/ac | | | | | HumiK LX 1-4 qt/ac |
| | Chelux Zn 2 pt/ac | Boostera 2 pt/ac | Chelux Zn 1 pt/ac | | Chelux Zn 1 pt/ac | | | | |
| | Chelux Ca 6 pt/ac | | | | | | | | |

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| | PRODUCT | POSITIONING |
|---|---|---|
| SOIL | Chelux Ca | Liquid foliar calcium and boron, complexed with our proprietary PAC technology to stay soluble and readily available for plant uptake – designed for high-pH and high-sodium soils where calcium gets tied up. |
| FOR GRANULE PROGRAMS | HumiK ONE Slingshot | A humic acid granule combined with a consortium of 15 P/K-unlocking, stress-mitigating, and soil-building microbes, built to blend seamlessly with MAP & DAP – unlocking 15-20% more of the phosphorus and potassium already in your soil. |
| | HumiK ONE | The most convenient way to put superior humic and fulvic acid onto the acre – a dry granule built to blend with dry fertilizer that dissolves on impact for even coverage. |
| FOR LIQUID PROGRAMS | Growplex | The most consistent, highest-quality, and lowest-use rate water soluble humic acid powder on the market. |
| | HumiK LX | The highest-quality, premium-source liquid humic – engineered to resist fall-out so it runs clean through fertigation and liquid-starter systems. |
| FOLIAR | Alexin | A switch for the crop's natural stress-defense pathways – applied either 24-48 hours ahead of a forecast heat or frost event to prime defenses or as a rescue treatment after hail or freeze to protect yield in high-value crops. |
| | Boostera | A liquid starter pack of micronutrients and plant biostimulants (K, Mg, S, B, Cu, Mn, Mo, Zn + seaweed extract) – designed to support early growth and root development in high-value crop programs. |
| | Chelux B | Liquid foliar boron, complexed with our proprietary PAC technology to stay soluble and readily available for plant uptake – delivering safe, efficient nutrition with a lower phytotoxicity risk than dry blends |
| | Chelux K+ | Liquid foliar potassium, complexed with our proprietary PAC technology to stay soluble and readily available for plant uptake – designed for the bulking window, driving sugars into grain, tubers, and fruit when soil-applied K can't keep up. |
| | Chelux SiliCal | Liquid foliar calcium, complexed with our proprietary PAC technology to stay soluble and readily available for plant uptake, plus silicon – reducing canopy stress and strengthening crops from stand establishment through fruit development. |
| | Nitros Dry | A powder consortium of 12 nitrogen-fixing, stress-mitigating, and soil-building microbes designed to be impregnated on urea or blended into UAN – delivering 10 units of nitrogen per oz while cutting synthetic N and soil salt load. |
| | ReadyPhos Bloom | Liquid foliar high-efficiency phosphorus (0-24-2) with calcium, zinc, and boron – formulated specifically for bloom timing and early fruit development. |
| | ReadyPhos MnZn FX | Liquid foliar high-efficiency phosphorus (6-20-5) with manganese, zinc, sulfur, and fulvic acid – designed for cold, wet soils where chilled roots can't take up soil P. |
| BOTH | Chelux Zn | Liquid foliar zinc, complexed with our proprietary PAC technology to stay soluble and readily available for plant uptake – delivering dependable, fully soluble zinc nutrition where common dry zinc sources fall short. |

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