

## General Information

**Potato Starter from NAP** is a biostimulant & soil micronutrient package for use on potatoes. It promotes nutrient penetration, uptake, and utilization through its proprietary formulation and blend of micronutrients, plant extracts, surfactants, natural polysaccharides, carboxyl & phenolic acids, and EDTA.

**Potato Starter** is used to prevent or correct trace element deficiencies. This product combines trace elements with natural chelating agents that makes them readily available for rapid absorption by the root system. Because trace element deficiencies usually occur when plants are small, **Potato Starter** should be added to fertilizer such as UAN32, 10-34-0, Steric-P, Steric-K, Steric-S and other soluble fertilizers during planting, whenever possible.

**Potato Starter** should be soil applied by injecting or banding on both sides of the planting row about two inches above and to the side of the seed piece.

**Precautionary Statement:** In all cases it is recommended to test material compatibility via a jar test.

## Guaranteed Analysis

### Secondary plant food (% by weight)

|                      |       |
|----------------------|-------|
| Sulfur (S) .....     | 2.70% |
| Boron (B) .....      | 0.32% |
| Copper (Cu) .....    | 1.30% |
| Iron (Fe) .....      | 0.33% |
| Manganese (Mn) ..... | 0.47% |
| Zinc (Zn) .....      | 3.30% |

*(Derived from zinc sulfate, ferrous sulfate, copper sulfate, manganese sulfate, and boric acid. The chelating agents include: carboxyl/phenolic acids and EDTA.)*

### ALSO CONTAINS NONPLANT FOOD INGREDIENTS

| Biostimulants  |      | Enzymes/Substrates     |        |
|--|------|------------------------|--------|
| Fulvic acid derivatives .....                        | 0.4% | Alginate Acid .....    | 0.015% |
| Polysaccharides .....                                | 4.2% | Mannitol .....         | 0.005% |
| Organic acids (fulvic acids) .....                   | 2.5% | Laminarin .....        | 0.006% |
| <i>(Derived from leonardite and plant extracts.)</i> |      |                        |        |
|  |      | Ascorbic Acid .....    | 0.8%   |
|  |      | Alpha-tocopherol ..... | 0.10%  |
|  |      | Myo-Inositol .....     | 0.08%  |
|  |      | Amino Acids .....      | 1.0%   |

# Potato Starter

A Yield Enhancing  
Chelated Micronutrient & Biostimulant Package



Manufactured and Distributed by Northwest Agricultural Products, Inc.

821 S. Chestnut - Pasco, WA 99301

509 / 547-8234

Net Contents: 5 gallons   
Shuttle   
Bulk

Weight per Gallon: 8.92 lbs

SHAKE WELL BEFORE USING

CAUTION: KEEP OUT OF THE REACH OF CHILDREN  
HARMFUL IF SWALLOWED

## Application Instructions

Soil applications of **Potato Starter** can be incorporated in liquid fertilizer or applied separately.

Washington State rules requires EPA-approved safety devices to be in use when this product is used in any irrigation system.

## Application Rates

**Warning:** This fertilizer contains boron, which may be injurious to certain crops. Contact your county agent or field consultant for specific information.

**For use with macronutrients (N, P, and/or K) on row crops:** Apply 2 to 5 gallons of **Potato Starter** per acre mixed with the liquid nutrients. Add

**Potato Starter** to a partially filled tank and continue to fill the tank. If mixing permits, allow agitation of the solution to insure uniform mixing.

**To use Potato Starter alone:** apply the following rates if you do not have a soil or leaf analysis:

|   |                         |
|---|-------------------------|
| Maintenance Application .....           | 2 to 3 gallons per acre |
| Moderate Micronutrient Deficiency ..... | 3 to 4 gallons per acre |
| Heavy Micronutrient Deficiency .....    | 4 to 5 gallons per acre |

**Potato Starter** can be mixed with almost all liquid fertilizers and liquid nutrients including seeding, pre-plant, side dress, banding, and water runs via sprinkler irrigation.

Center-pivot Irrigation Equipment: use only with electric or oil hydraulic drive systems that provide a uniform water distribution.

**Potato Starter** is compatible with almost all fertilizers, nutrients, pesticides and fungicides. If unfamiliar with its use, be sure to check with **NORTHWEST AGRICULTURAL PRODUCTS** for compatibility or perform a jar test, mixing each product in the same ratios as to be field applied.

**Potato Starter** can be coated on dry blend fertilizer to control dust in the blend plant and supply needed micronutrients. Contact **NORTHWEST AGRICULTURAL PRODUCTS** for the necessary equipment and instructions.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfc.org/metals.htm>

## Storage Instructions

If you use **Potato Starter** in bulk, it can be stored and/or shipped in stainless steel, fiberglass, or polyethylene tanks. For additional information contact **NORTHWEST AGRICULTURAL PRODUCTS** at (509) 547-8234.

## CONDITION OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop soil, and other conditions may vary, Northwest Agricultural Products and/or seller make no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use of handling whether or not in accordance with directions or suggestions.