

# ICT Organics

## 1-2-3 N P P

### NATURAL PLANT PROTECTION

**Our 1-2-3 NPP** (Natural Plant Protection) is a naturally occurring long chain polymer that induces systemic resistance in plants and improves soil water retention capability during drought conditions.

Processed from marine byproducts, it is also EPA registered effective as a fungicide fighting downy mildew, powdery mildew, early blight, late blight, gray mold, leaf spot, anthracnose and blast on crops (food and non-food), ornamentals and turf.

Research has shown that its active ingredient (chitosan) elicits natural defense responses within plants to resist against insects, pathogens, and soil borne diseases. It also increases photosynthesis, promotes and enhances plant growth and stimulates nutrient uptake leading to greater overall plant vigor. When used in hydro-seeding applications, 1-2-3 NPP increases germination, and elicits an innate immunity response in developing roots which destroy parasitic cyst nematodes without harm to beneficial nematodes and organisms.

Also, as a naturally occurring long chain polymer, its ability to aggregate soil while reducing water inputs is unsurpassed, thus increasing soil water retention capability during drought conditions.

The natural biocontrol abilities of chitosan shouldn't be confused with those of fertilizers or pesticides. While many hard chemicals have re-entry times measured in days, the worker re-entry time (REI) for 1-2-3 NPP is only four hours. At less than sixty cents per thousand square feet (60¢ / 1000 SF) our new 1-2-3 NPP represents a truly cost effective biological control for turf pests and diseases.

## Packaging

**1-2-3 NPP** (Natural Plant Protection) is available in convenient one gallon (1 gal) containers. Contact your dealer or visit our website to order singly or for larger case and pallet quantities.

## Application Notes

**1-2-3 NPP** (Natural Plant Protection) is a concentrated foliar application material to be used in our ICT Easy Mix & Spray System™ to enhance plant defenses, and improve soil moisture retention.

**Mix:** 1 oz in 2 gals water (tank mix = 256:1)

**Apply:** foliar mist (to run-off) or soil drench.