

PRODUCT NAME

BiOWiSH® Crop
16-40-0

RECOMMENDED USE

Agronomy Crop Production

INGREDIENTS

Active microbial cultures (Biosafety Level 1), diammonium phosphate, diatomaceous earth.

GUARANTEED ANALYSIS

Total Nitrogen (N).....16.0%
16.0% Ammoniacal nitrogen
Available Phosphate (P₂O₅).....40.0%
Derived from diammonium phosphate

PHYSICAL AND CHEMICAL PROPERTIES

Microbial Activity

<i>Bacillus subtilis</i>	≥ 1 x 10 ⁸ cfu/g
<i>Bacillus amyloliquefaciens</i>	≥ 1 x 10 ⁸ cfu/g
<i>Bacillus licheniformis</i>	≥ 1 x 10 ⁸ cfu/g
<i>Bacillus pumilus</i>	≥ 1 x 10 ⁸ cfu/g

Moisture

< 10 %

Appearance

Crystalline powder, off white color

Odor

Mild ammonia odor

pH

7.9 – 8.5 S.U.

Bulk Density

1.04 – 1.16 g/cm³

Solubility

Soluble in water

Flashpoint

> 200° C (> 392° F)

Heavy Metals

Arsenic	not detected (detection limit 5.0 mg/kg)
Cadmium	not detected (detection limit 0.5 mg/kg)
Cobalt	not detected (detection limit 1.0 mg/kg)
Copper	not detected (detection limit 1.0 mg/kg)
Lead	not detected (detection limit 5.0 mg/kg)
Mercury	not detected (detection limit 0.05 mg/kg)
Molybdenum	not detected (detection limit 1.0 mg/kg)
Nickel	not detected (detection limit 1.0 mg/kg)
Selenium	not detected (detection limit 5.0 mg/kg)
Zinc	not detected (detection limit 2.0 mg/kg)

Methods information available upon request.

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