

# BIOSCAPE BIO-WEED®

A non-selective organic pre-emergence herbicide and slow release organic nitrogen fertilizer for the control of broadleaf weeds, and annual and perennial grasses. BIO-WEED is formulated for use in general agriculture, organic farms, commercial and residential landscapes, parks, school grounds (including play grounds), golf courses, greenhouses, nurseries, all types of tree farms, right-of-ways (including but not limited to ditches, canals, roadsides, easements, open space areas, etc.) and riparian and other natural areas. BIO-WEED can be used in and around flower, vegetable and herb gardens and crops, perennial plants, annual and perennial bulbs, turf grasses, citrus, orchards, fruit and nut trees, vineyards, golf courses, ornamental trees and shrubs, rose gardens, and virtually any woody and herbaceous plant.

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## Guaranteed Analysis

Total Nitrogen (N)..... 9.0%  
 9% Water insoluble organic nitrogen  
 Derived from corn gluten meal

**Net Weight 50 lbs. / 22.67 kg.**

**Active Ingredient:** 98% Corn Gluten Meal  
2% Soybean Oil  
 100% Total

**General Information:** BIO-WEED controls weed seeds by releasing organic dipeptides into the soil and inhibiting root formation of germinating weeds. BIO-WEED can be broadcast using a spreader or tilled directly into the soil. Allow for a short drying period after application and initial irrigation. BIO-WEED will inhibit germination and is best applied after vegetable or flower seedlings have established.

**Limitation of Warranty:** We will replace any portion of BIO-WEED shown to be defective. We will not be liable for any direct or indirect loss, or damages resulting from the use or misuse of this product, except to replace any portion shown to be defective. Keep out of the reach of children.

WEEDS CONTROLLED	TURF & CROP AREAS	NON-CROP AREAS
<p><b><u>BIO-WEED Controls</u></b></p> <p>Crabgrass (<i>Digitaria</i> spp.)                      Dandelion (<i>Taraxacum</i> spp.)                      Annual Bluegrass (<i>Poa annua</i>)                      Annual Ryegrass (<i>Lolium multiflorum</i>)                      Creeping bentgrass (<i>Agrostis stolonifera</i>)                      Common lambsquarters (<i>Chenopodium</i> spp.)                      Barnyardgrass (<i>Echinochloa crus-galli</i>)                      Black Medic (<i>Medicago lupulina</i>)                      Buckhorn plantain (<i>Plantago lanceolata</i>)                      Curly Dock (<i>Rumex crispus</i>)                      Common Groundsel (<i>Senecio vulgaris</i>)                      Bristly Oxtongue (<i>Picris echioides</i>)                      Giant Foxtail (<i>Setaria</i> spp.)                      Quackgrass (<i>Elytrigia repens</i>)                      Redroot Pigweed (<i>Amaranthus retroflexus</i>)                      Purslane (<i>Portulaca oleracea</i>)                      Fall Panicum (<i>Panicum dichotomiflorum</i>)                      Common Velvetgrass (<i>Holcus lanatus</i>)                      Yellow Foxtail (<i>Setaria glauca</i>)                      Sow Thistle (<i>Sonchus oleraceus</i>)                      Cheeseweed (<i>Malva parviflora</i>)                      Annual Sedge (<i>Cyperus compressus</i>)                      Yellow Woodsorrel (<i>Oxalis stricta</i>)                      Common Chickweed (<i>Stellaria</i> spp.)</p> <p>and many other grassy and broadleaf weeds including these but not limited to those listed above.</p>	<p>For use in established perennial bluegrass, bent grass, buffalo grass, perennial ryegrass, St. Augustine grass, seashore paspalum, tall fescue and zoysia turf such as parks, school grounds, golf courses, and lawns. Use at all types of tree farms, and prior to planting row crops, or in vegetable and flower gardens.</p> <p><b>Cool Season Lawns</b>                      Apply 3 applications per year at 20 lbs. per 1,000 square feet.</p> <p><b>Warm Season Lawns</b>                      Apply 2 to 3 applications at 20 lbs. per 1,000 square feet.</p> <p>For all crops, woody and herbaceous plants apply 20 to 40 lbs. per 1,000 square feet 3 to 4 times per year. Irrigate after application then allow a short drying period. Banded rate is 200 lbs. acre.</p> <p><b>Containers</b></p>	<p>Apply BIO-WEED with a properly calibrated granular applicator that will apply the granules uniformly.</p> <p>BIO-WEED may also be hydroseeded with a commercial hydroseeder. Do not apply grass seed at the same time as BIO-WEED.</p> <p>Apply BIO-WEED in commercial and residential landscapes, parks, school grounds (including play grounds), golf courses, greenhouses, nurseries, right-of-ways (including, but not limited to, ditches, canals, roadsides, easements, open space areas, etc.) and riparian and other natural areas. Apply broadcast at a rate of 20 to 40 lbs. per 1,000 square feet or 800 lbs. per acre. Repeat applications 2 to 4 times per year depending upon the site.</p> <p>BIO-WEED cannot be over-applied and poses no known environmental hazard.</p> <p>Broadcast BIO-WEED before weed seeds germinate, irrigate area and then allow for a short drying period after weeds have begun germinating for best results.</p>

	1,000 square feet after canning.	
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Licensed under two patents from The Iowa State University Research Foundation to:

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