



# JumpStart™

## DIRECTIONS FOR USE

Shake well before using.

**OVERSEEDING:** Mix 25 gal water to 1 gal JumpStart and apply at approximately 65 gallons of mixed solution per acre. Apply with spray equipment that has been thoroughly cleaned. When applying with other products, avoid highly acidic or alkaline conditions.

**HYDRAULIC SEEDING:** Have a soil test performed by a reputable lab. Request tests: SAR, OM, EC, CEC % Sodium. Compare the results to the Application Rate chart below to calculate appropriate rate. Load all components in the hydro-seeder. Add JumpStart to the tank as you add your fertilizer after other components have been added. Mix under normal agitation. If excessive foaming occurs, you may need to reduce agitation and/or re-circulation. Store in a cool, dry place out of direct sunlight, protect from freezing and **do not tank mix with Aqua-pHix™**

### TYPICAL APPLICATION RATES

(For best results, have your soil analyzed by a reliable testing laboratory.)

EC <sup>1</sup>	TDS <sup>2</sup> ppm	SAR <sup>3</sup>	CEC% Sodium <sup>4</sup>	OM <sup>5</sup>	OA <sup>6</sup>	JumpStart
< .75	< 480	< 3	< 4%	> 2%	> 2.5%	1.25 gal/acre
.75 - 1.5	480 - 960	3 - 4	4 - 6%	1.5 - 2	1.7 - 2.5	2.5 gal/acre
1.6 - 3.0	1024 - 1920	4 - 5	6 - 7%	.75 - 1.4	1 - 1.6	3.75 gal/acre
> 3.1	> 1984	5 - 6	7 - 9%	< .75	< 1	5.0 gal/acre

<sup>1</sup>Electrical Conductivity

<sup>2</sup>Total Dissolved Salts

<sup>3</sup>Sodium Absorption Ratio

<sup>4</sup>Sodium as % Base Saturation CEC

<sup>5</sup>Organic Matter

<sup>6</sup>Organic Acids

### GUARANTEED ANALYSIS

#### Amendment Ingredients

Polyhydroxy Alkoxy Alkylene	
Oxides	20.0%
Humic Acid	1.5%
(derived from Leonardite)	
Microorganisms	1.0%
<i>(x10<sup>8</sup> cfu/cc each)</i> Acidovorax facilis,	
Bacillus licheniformis, Bacillus oleronius,	
Bacillus lentimorbus, Bacillus marinus,	
Bacillus megatorium, Cellulomonas fimi,	
Cellulomonas flavigena	

#### Inert Ingredients

Water based culture medium	77.5%
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\*cfu/cc - colony forming units per cubic centimeter.

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**CAUTION:** Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact or ingestion. Prolonged or repeated contact with skin may cause irritation. Wash thoroughly after handling. Non-corrosive.

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**NET CONTENTS: 2.5 GAL (9.45 L)**