

# STOCKOPAM<sup>®</sup> LG

## FURROW IRRIGATION

STOCKOPAM<sup>®</sup> LG is introduced into the irrigation head ditch or directly into the furrow at rates in the range of 12 to 18 ppm active ingredient based on application formula below. The total amount of polymer added will vary depending on irrigation flow rate. The product must be dissolved in turbid irrigation water to provide effective soil erosion control.

The recommended full-rate STOCKOPAM LG field applications rate is 1 lb/ac. However, the optimal application for a given field may range from 0.25 – 2 lb/ac, depending on slope and soil factors. Alternative rates may be calculated using the following formula:

Directly into furrow: Dry STOCKOPAM LG application rates for each furrow (grams) = (target field application rate in lb/ac) x (furrow rate in feet) x (irrigated furrow spacing in feet) x (453.6 g/lb) x (0.00002296 ac/ft<sup>2</sup>). To obtain application rates in ounces, multiply the result by 0.0353 oz/g.

Furrow spacing (inches)	Furrow length		
	1,320 ft (1\4 mile)	880ft (1/6 mile)	440ft (1/12 mile)
	g/furrow (oz/furrow)		
22	25.2 (0.890)	16.8 (0.598)	8.4 (0.297)
30	34.5 (1.217)	23.0 (0.811)	11.5 (0.406)
36	41.5 (1.464)	27.6 (0.976)	13.8 (0.488)
38	43.6 (1.538)	29.2 (1.025)	14.6 (0.513)
40	46.1 (1.626)	30.7 (1.084)	15.4 (0.542)
44	50.7 (1.788)	33.8 (1.192)	16.9 (0.596)

**SPILL CLEAN UP:** Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Collect and store in suitable and closed containers for disposal. After cleaning, flush away traces with water. Prevent the spilled product or washings from reaching public sewers or waterways. Dispose of in accordance with Federal, State, and local regulations. Use caution: spilled material in contact with water may create very slippery conditions.

**WHAT TO DO IN CASE OF CONTACT:** If on skin: remove contaminated clothing and wash skin with soap and water. In case of persistent irritation call a physician. If swallowed: the product is not considered toxic based on studies on laboratory animals. If in eyes: flush eyes with clean water for 15 minutes. In case of persistent eye irritation, consult a physician. If inhaled: Move to fresh air.

For help in chemical emergencies involving spill, leak, fire or exposure to STOCKOPAM<sup>®</sup> LG, call 800-424-9300 CHEM TREC (North America) or 703-527-3887 International (call collect).

**STORAGE AND DISPOSAL:** Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste.

**STOCKOPAM LG STORAGE:** Store in a cool, dry place (0-35C°)

## HYDROSEEDING

An effective product to maximize plant establishment by flocculating the components of hydroseeding systems.

**DIRECTIONS FOR HYDROSEEDING USE:** The optimum rate of STOCKOPAM<sup>®</sup> LG will vary depending on water quality, hydroseeding components, hydroseeding equipment, and slope. This product needs to be thoroughly dissolved prior to application. For optimum results refer to the chart below.

We suggest a two-step application method to assure that all product is working in the soil and not being captured by the mulch or other items in the slurry.

### STOCKOPAM<sup>®</sup> LG APPLICATION RATES\*:

Slope Lbs/Acre	Flat	4:1	3:1	2:1	1:1
	5	7	9	12	15

### DIRECTIONS FOR MIXING AND TWO-STEP APPLICATION METHOD

- Note: prewetting a dry soil is always helpful to generate capillary action. Do not apply any products to a saturated soil or if water is puddling or running off the slope.

**Step 1:** While tank is filling, slowly add STOCKOPAM<sup>®</sup> LG into the water stream. Thoroughly agitate for 1-2 minutes. Then add fertilizer, seed, tackifiers and other items e.g. compost, mycorrhizae. Apply this mixture to the area to be treated according to the chart above. This assures that all STOCKOPAM<sup>®</sup> LG is in contact with the soil.

**Step 2:** Re-fill tank with water and add mulch as specified. Agitate to create a homogenous slurry and apply over same area as step one.

## EROSION CONTROL

To reduce and control erosion of fine particles and colloidal clays from the soil.

**DIRECTIONS FOR USE:** STOCKOPAM<sup>®</sup> LG is best used with all forms of HydroSeeders or water trucks or other spraying devices that have mechanical agitation or a recirculating agitation. This product needs to be thoroughly dissolved prior to application.

For optimum results refer to the chart below. We suggest a two-step application method to assure that all product is working in the soil and not being captured by the mulch or other items in the slurry.

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### STRAW MULCHING FOR EROSION CONTROL

**Step 1:** Add Stockopam LG to tank as describe above, mix for 1-2 minutes, then add fertilizer, seed, and any other items while mixing. Apply this mixture to area to be treated. **Step 2:** Apply blown straw over area to be treated and finish as specified.

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EVONIK CORPORATION  
2401 Doyle Street, Greensboro, NC 27406  
888-533-7764

### CONTAINS NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis: As a Soil Amendment

#### ACTIVE INGREDIENTS:

97.9% Sodium Acrylate/Acrylamide Co-polymer

#### INERT INGREDIENTS:

2.0% stabilizer

0.1% un-reacted monomers

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

Not for use as a fertilizer substitute.

**This package is not for resale or use in Canada.  
For re-packaging/blending/mixing only.**

## 55lb/25kg bag

**PRECAUTIONARY STATEMENTS:** BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES. KEEP OUT OF REACH OF CHILDREN. CONTAINER DISPOSAL: Dispose of according to state and local regulations. If burned, stay out of smoke.

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