



# SOIL BINDER DC<sup>®</sup>

**CONTAINS NON-PLANT FOOD INGREDIENT**

**ACTIVE INGREDIENT:**

90% Acrylamide/Sodium Acrylate Copolymer Blend  
10% Inert Ingredients

**GENERAL INFORMATION**

SOIL BINDER DC is a dry formulation, agricultural soil erosion polymer (ASEP) designed to stabilize soil structure during furrow irrigation applications. SOIL BINDER DC may be applied through any mechanical dispensing system designed to deliver product into the irrigation stream prior to the point where treated water will enter the siphon tubes or gated pipe.

**USE SUGGESTIONS**

SOIL BINDER DC can be used in every irrigation cycle. For most applications, optimum benefit will be provided when applications are made as follows:

- First irrigation.
- First irrigation following cultivation, hilling, or other soil tillage operations.
- In each alternating irrigation cycle.

SOIL BINDER DC, when used according to label instructions, will reduce or prevent irrigation induced soil erosion, improve water infiltration, and reduce soil crusting. SOIL BINDER DC is most effective when applied to dry soil.

**NOTE:** If erosion or soil damage has occurred prior to SOIL BINDER DC application, treatment will not restore the soil structure. Furthermore, cultivation or tillage operations following fresh applications of SOIL BINDER DC will destroy the beneficial effects of treatment.

**IMPORTANT: Clean up Spills!**

Spills of SOIL BINDER DC should be scooped up and disposed of properly. Wet spills of SOIL BINDER DC are very slippery and should be mixed with soil or other absorbent material, scooped up, placed in a suitable container and disposed of in an approved landfill or by other procedures approved by state and local authorities. Thoroughly rinse area with clean water.



Manufactured for:

**J.R. SIMPLOT COMPANY**  
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**NET WEIGHT:  
40 POUNDS / 18.14 KILOGRAMS**

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## PRIMARY ADVANCE TREATMENT

Introduce a treatment concentration of 10 parts per million (PPM) until 90% of the furrows begin to discharge water. The beneficial effects of SOIL BINDER DC will continue for the duration of the irrigation set, even though the product is no longer present in the water. The total amount of SOIL BINDER DC required for a treatment will vary with irrigation flow rate and the treatment concentration selected. However, as a general rule, a 10 PPM SOIL BINDER DC treatment concentration will result in an application of 0.5 - 1.5 pounds of SOIL BINDER DC per irrigated acre.

## SOIL BINDER DC MUST BE DISSOLVED IN IRRIGATION WATER.

### METERING OF SOIL BINDER DC

Dry metering of SOIL BINDER DC into the irrigation stream requires the use of a granular applicator such as those produced by Gandy, Noble or others. A typical treatment concentration is 10 parts per million (PPM). This application concentration is achieved by adjusting the discharge rate of the applicator unit in ounces of SOIL BINDER DC per minute to the irrigation flow rate. See calibration guide. Add the indicated oz. per minute to obtain a 10 PPM treatment.

### SOIL BINDER DC Application Calibration Chart

Cubic Feet Per Second	Gallons Per Minute	Oz./min. SOIL BINDER DC	Fl. Oz./min. Collected
1	449	0.6	0.7
2	898	1.2	1.4
3	1,346	1.8	2.2
4	1,795	2.4	2.9
5	2,244	3.0	3.6

Calibration of the applicator can be further adjusted by using a measuring container calibrated in fluid ounces. One fluid ounce is equivalent to 0.83 ounces of SOIL BINDER DC. Use a collection time of 1 - 2 minutes and compare the amount

collected to the values in the Calibration Chart.

**IMPORTANT:** The metering of SOIL BINDER DC into the irrigation stream requires turbulent mixing and adequate time to insure dissolution of the product. Add the powder at least 100 feet (or as far as is practical) above the point where the treated water will enter the siphon tubes or grated pipe. Inadequate mixing will result in reduced treatment effectiveness.

### STORAGE AND DISPOSAL

**STORAGE:** Wastes resulting from the use of this product must be disposed on site or at an approved waste disposal facility. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. For optimal storage, store between 40° and 90°F.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org)

Decontaminated containers may also be disposed of in a sanitary landfill.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

**DISCLAIMER OF WARRANTIES:** Seller warrants that the composition of this product conforms to the description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

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