

Turning Design Into Quality Products  
www.suncomarketing.com

"STATE OF THE ART"  
TECHNOLOGY FOR  
WATER CONSERVATION  
AND EROSION CONTROL



**CONSERVE  
VALUABLE  
MOISTURE**



**ELIMINATE  
EROSION**



# THE ADVANTAGES OF PROPPING

## PREVENTS EROSION

## CONSERVES MOISTURE



Reservoir tillage using the Sunco Prop eliminates water run-off which controls erosion and conserves valuable moisture.

## IMPROVES WEED CONTROL

**CLOSES  
ANHYDROUS  
AMMONIA  
SLOT TO  
PREVENT  
LEAKAGE**

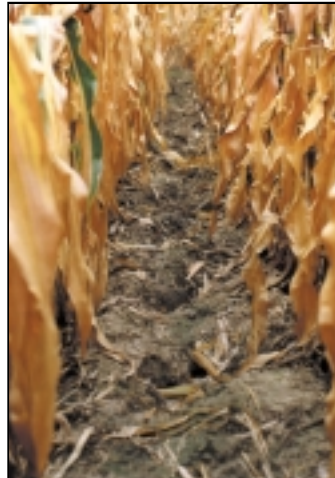
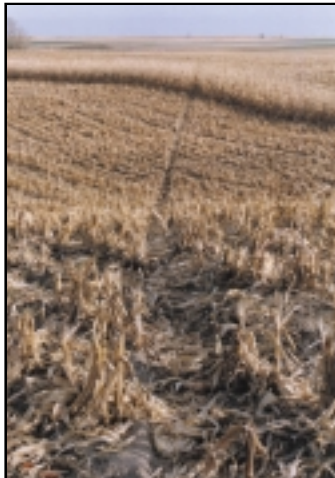


**PREVENTS  
WASHING  
AND DRY  
DOWN  
BEHIND  
RIPPERS**

Props incorporate herbicides, soil stays mellow, weed and grass seeds fail to germinate.

## INCREASES YIELDS

## REDUCES ROUGHNESS AT HARVEST



Stands are uniform in propped fields, even on the roughest terrain, providing more bushels per acre.

Reservoirs and dams stay throughout the season, and are easy on harvest equipment.

IT PAYS TO PROP

## **WHY PROP?**

- Reduces run-off on side hills;
- Allows application of fertilizer and chemical through pivot;
- Eliminates pivot-track washing;
- Aerates soil;
- Helps control weeds and grasses;
- Keeps soil mellow;
- Promotes deeper root growth and development;
- Eliminates ponding and drowning in low areas;
- Reduces evaporation;
- Allows moisture to permeate and remain in subsoil;
- Reduces wind as well as water erosion;
- Increases yields;
- Eliminates hard pan when used with ripper;
- Helps replenish ground water;
- Helps reduce crop stress in dry weather;
- Keeps water from running down ripper marks;
- Eliminates subsoil drying caused by ripper;
- Helps promote soil organism growth;
- Helps direct off season moisture to subsoil.

## **DRILLIN' AND PROPPIN'**



The Sunco Prop when mounted on Air Seeders conserves valuable winter and spring moisture while dramatically reducing erosion in wheat fields.

## **SPUDNIK'S 9000 SERIES HILLER-DIKER COMBINATION**



The Sunco PROP is used exclusively on this Spudnik tool to hill and prop in one pass. Available in 4-row, 6-row and 8-row configurations.

# **SUNCO PROPS INCREASE PROFITS!**

## **THE SUNCO PROP WILL GIVE YOU AN IMMEDIATE RETURN ON YOUR INVESTMENT**



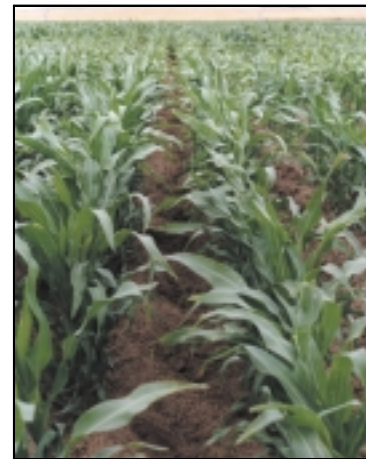
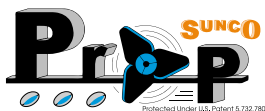
This shows the reservoirs made by the SUNCO PROP. The uniform shape and size allow for maximum water retention and help eliminate water erosion, runoff and pivot track washouts.

**BY: BETTER USE OF WATER, CHEMICAL, AND NUTRIENTS. WHEN WATER RUNS OFF, NUTRIENTS AND CHEMICAL GO WITH IT. PROPPING STOPS THE RUNOFF!**

### **INCREASED YIELDS -**

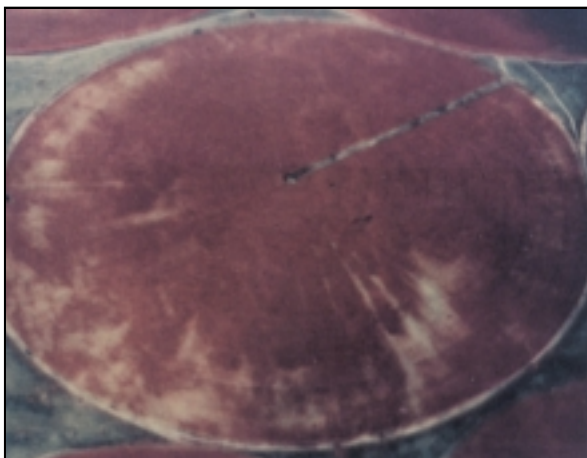
**PROPS PROMOTE DEEPER ROOT DEVELOPMENT, HEALTHIER, MORE STRESS RESISTANT PLANTS, AND MORE UNIFORM STANDS, RESULTING**

**IN MORE BUSHELS PER ACRE.**

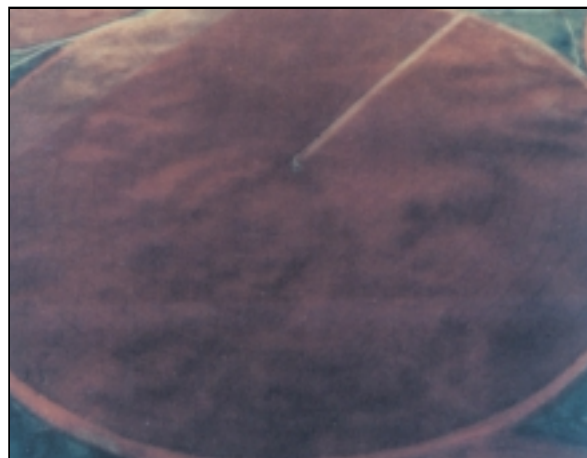


The SUNCO PROP reservoirs after several pivot rotations and heavy rains. The PROP creates reservoirs and forms small dams at a 45 degree angle to the row. The angle of the dams allows tractors and harvesting equipment to travel through the field with less bounce than is experienced with machines currently on the market.

## **A SIDE-BY-SIDE COMPARISON SHOWING THE ADVANTAGES OF PROPPING YOUR PIVOTS**



This pivot was farmed the conventional way, without reservoirs. Water (both irrigation and rain) would not stay on the hilltops, causing crop stress and dramatic yield reduction. This field also showed washing in some pivot tracks and valleys severe enough that harvesting equipment couldn't get through.



This pivot, located in the same area, used water retention technology provided by the SUNCO PROP. There is clear indication of uniform crop growth on hills as well as valleys resulting in an increased yield of 20 bushels per acre more than the pivot on the left. No pivot track washing occurred in this field.



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*(Specifications and Design Subject to Change Without Notice)*