

# SEED TREATER / INOCULATOR

## ACCURATE PRODUCT METERING!

### 12# TO 120# PER HOUR METERING RATE

#### DISPENSES

- ◆ TALC
- ◆ 80/20 TALC GRAPHITE
- ◆ GRAPHITE
- ◆ INOCULANTS
- ... ACCURATELY!



Treated seed does not always plant accurately. Talc/graphite, talc or graphite helps with seed flow & improves seed spacing.

#### **PRODUCT FEATURES**

- ✓ Heavy Duty Container
- ✓ 50% More holding capacity
- ✓ Maximum UV inhibitors
- ✓ Container is water tight
- ✓ Steel metering blade
- ✓ *Most accurate metering in the industry!*

#### **Two Models: DIRECT MOUNT & AUGER MOUNT**

Pick the system that will mount on your Seed Tender.

#### **DIRECT MOUNT**



Model mounts to dispense product directly into hopper or conveyor. Can be wired direct to conveyor switch or separate 60' wiring harness.

Treater can be located for easy attachment to any Seed Tender.

Auger inclines & rotates to provide convenient product loading height & location.

Direct & Auger Mount systems have adjustable slide gate to match conveyor loading rate.

Mounting designs keeps treater vertical for even unloading, while delivering seed treatment to any location.



#### **AUGER MOUNT**

**ALL MOUNTS ON MOST SEED TENDERS**

**WIRELESS REMOTE AVAILABLE!**



**ENVIROPAC, INC.**

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# SEED TREATER SPECIFICATIONS



The "Low RPM/High Torque" motor & gearbox, combined with the adjustable slide gate, provides the accuracy of both systems.

The agitator spike on the steel blade keeps the product *moving smoothly*.



Auger Mount is complete with hanger brackets, mounting rails & wiring system. Special 2-way wiring powers both treater & auger. Discharge spout directs product onto "flowing" seed.

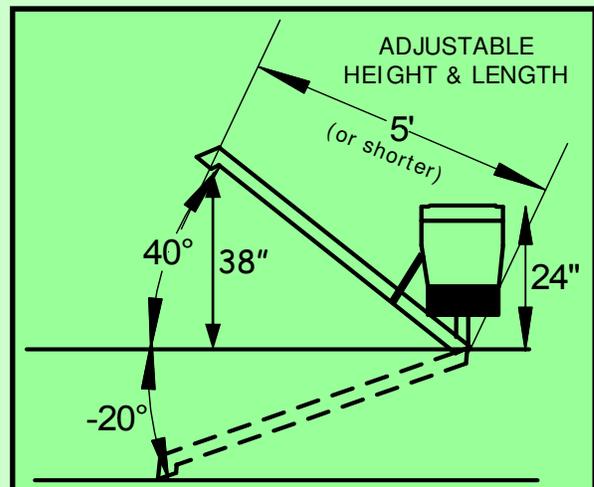
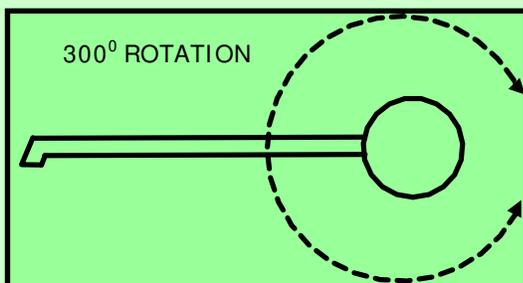
Both Direct & Auger Mount system can mount directly onto the seed tender or with mounting rails provided (see front of brochure). Direct mount is the most economical unit available.



<u>SPECIFICATIONS</u>	<u>DIRECT MOUNT</u>	<u>AUGER MOUNT</u>
<b>DEMI NSIONS</b>	10.25" DIA. X 16.5" HEIGHT (plus hose length)	10.25" DIA. X 24" HEIGHT (to bottom of power unit)
<b>AUGER SIZE</b>	****	1.5" DIA. X 5' LONG (Length can be shorten)
<b>METERING RATE</b>	12# to 120# per Hour <sup>1</sup>	12# to 120# per Hour <sup>1</sup>
<b>CONTAINER CAPACITY</b>	12# <sup>1</sup>	12# <sup>1</sup>
<b>MOTOR/ GEARBOX</b>	12Volt Low RPM/High Torque	(2) 12Volt Low RPM/High Torque
<b>POWER REQUIREMENTS</b>	.6 AMPS	1.2 AMPS
<sup>1</sup> Based on 80/20 Talc/Graphite		
<b>WIRING SYSTEM OPTIONS BOTH MODELS</b>	<b>FULL 60' WIRING</b> Battery Clips, 3-Way Switch (Also works with Optional Micro-Switch)	<b>DIRECT WIRING</b> Wires Direct to Seed Tender ON/OFF Switch

**WIRELESS REMOTE AVAILABLE!**

**ADJUSTABLE HEIGHT & 300° AUGER ROTATION ALLOWS LOWER MOUNTING HEIGHT**



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NOTE: Pictures shown may not show exact features of current models.

# ORDERING ENVIROPAC SEED TREATERS

## 1<sup>st</sup> CHOOSE THE MOUNTING TYPE

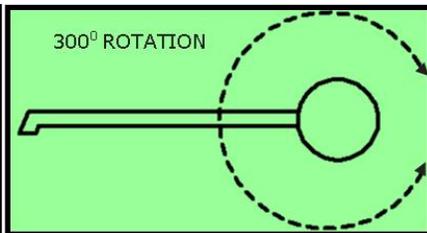
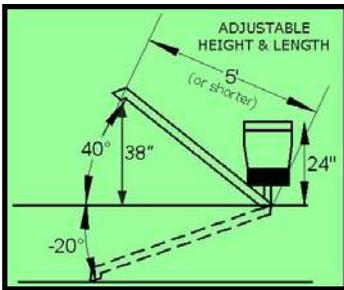
### DIRECT MOUNT

Mount the treater so the hose drops product directly into the hopper or conveyor on the seed tender. The treater & hose can be tilted a maximum of 15 Deg angle from straight up & down to accurately apply the product.



### AUGER MOUNT

If the Direct Mount will not work, the Auger Mount provides the answer. The Auger can be mounted on the seed tender to discharge into the hopper on the tender. It can be mounted at a convenient height for filling the product container. The auger can elevate & rotate to any position. It is 5' long and can also be shortened to fit any filling location.



## 2<sup>nd</sup> CHOOSE THE WIRING SYSTEM

### DIRECT WIRE

Treater can be wired direct to the switch on the seed tender conveyor. The treater turns on/off with the conveyor. **This requires a true on/ off switch on the seed tender.** If the seed tender has a "momentary" switch, it does NOT provide power all the time. If this is the case, choose the "full wire" or "wireless" power option.

### FULL WIRE

60' wire runs from the battery, to the treater and to the end of the spout on the conveyor. A switch mounted on the spout turns the treater on/off when treatment is needed. An optional micro-switch for "hands free" operation is available.

### WIRELESS REMOTE

Remote on/off switch is mounted directly on the Seed Treater. A *wireless controller* turns the treater on/off from the planter platform. A visible strobe light alerts the operator when the treater is running. The treater can operate when the seed treatment is needed.

**Once your choice of Mounting Type & Wiring System is made, you're ready to start treating your seed—Accurately!**



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## ORDERING ENVIROPAC SEED TREATERS

1. CHOOSE MOUNTING TYPE

2. CHOOSE WIRING SYSTEM

SEED TENDER MANUFACTURE	DIRECT MOUNT			AUGER MOUNT		
	DIRECT WIRE	FULL WIRE	WIRE- LESS	DIRECT WIRE	FULL WIRE	WIRE- LESS
MERIDIAN	NO	X <sup>1</sup>	X <sup>1</sup>	NO	X	X
UNVERFERTH	NO	X <sup>1</sup>	X <sup>1</sup>	NO	X	X
CONVEY-ALL	?	X <sup>1</sup>	X <sup>1</sup>	?	X	X
CRUSTBUSTER	?	X <sup>1</sup>	X <sup>1</sup>	?	X	X
KILLBROS	?	X <sup>1</sup>	X <sup>1</sup>	?	X	X
J & M	?	X <sup>1</sup>	X <sup>1</sup>	?	X	X
PAR-KAN	?	X <sup>1</sup>	X <sup>1</sup>	?	X	X
ROTH	X	X <sup>1</sup>	X <sup>1</sup>	X	X	X
PARKAN	X	X	X	X	X	X
AG DRYER	X	X	X	X	X	X
CLARKS AG	X	X	X	X	X	X
STROBEL	X	X	X	X	X	X

**LEGEND:**

**X** Seed Treater Mounting type can be used with the Seed Tender Model

**?** Customer would need to determine type of switch on Seed Tender Conveyor. A true "on/off" switch can use the *Direct Wire*. A "momentary" switch will not work with *Direct Wire*.

**X<sup>1</sup>** Seed Tender may require Treater to be mounted on conveyor. Requires straight drop with hose and must be not be more than 10° from vertical. **Discuss with customer.**

NOTE: Mounting & Wiring Systems may not fit ALL models of Seed Tenders made by Tender Manufacture



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# SEED TREATER / INOCULATOR

## WIRELESS REMOTE CONTROL

- ◆ **TURN TREATER ON/ OFF WIRELESS FROM THE PLANTER**
- ◆ **EASY INSTALLATION**
- ◆ **CONVENIENT OPERATION**
- ◆ **METERS WHEN TREATMENT IS NEEDED . . . FROM THE FIRST SEED - TO THE LAST!**

**WORKS WITH DIRECT & AUGER MOUNT TREATERS!**



**Control Mounts on Treater Base**

**Special Wiring Harness Connects ALL Components for *Wireless* Operation**

**Trailer Type Plugs are Weather Tight**

**Remote Range up to 250'**

**Antenna Extends for Additional Remote Coverage**

**Dust Cover for On/ Off Buttons**

**Convenient Key Chain Clip**



**Wiring Connects Treater to Power Source**

**Alligator Clips attach to Battery**

**On/ Off Switch Turns Off Power & Maintains Battery When Treater is Not in Use**

**Inline Fuse for Safe Operation**



**Light Alerts Operator Treater is Running**

**Run Light Attaches To Wiring Harness**

**When Treater Runs, Strobe Light is On**

**Magnetic Base Mounts where Light is Visible from Planter**

**Cable Extends to 8' for Optional Mounting Locations**



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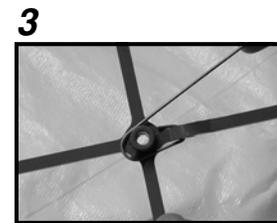
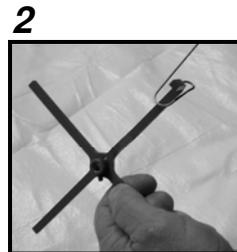
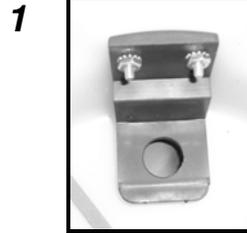
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# SEED TREATER INSTRUCTIONS

## BLADE ASSEMBLY & CLEANING

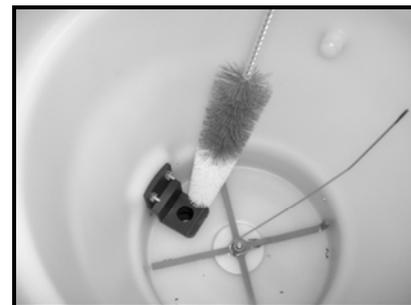
### ASSEMBLE TREATER

1. Remove current blade using 2mm hex key provided
2. Remove metering ledge & replace with ledge with clean-out hole
3. Ledge MUST be in the lowest position for blade to meter correctly
4. Attach agitator wire to the Blade
5. Slide wire over agitator spike on blade
6. Position wire around hub & set screw
7. Pull securely into place against the hub
8. Put new blade assembly on motor shaft
9. Push hub tight to base of treater
10. Tighten to shaft with hex key.  
NOTE: Set screw must be against flat side on motor shaft
11. **Test run treater.** If agitator wire hits metering ledge, slightly bend wire away from metering ledge.



### OPERATING TREATER

1. Set Seed Treater to the gate opening shown on chart
2. Determine gate opening based on the units moved by the conveyor per minute
3. The settings shown will match the metering rate in ounces of product with the conveyor rate
4. It is important NOT to over apply Dry Product
5. If seed does not plant properly, adjust metering gate
6. In humid conditions product may stick to the dispensing hose
7. Daily clean dispensing hose with brush provided



**CLEAN-OUT HOLE & BRUSH**

