

ChangingTimes

Changing Times Liquid Applicator Operating Instructions



Settings for the CT Liquid Applicator

Flow Regulator	10 PSI*	20 PSI*	30 PSI*	40 PSI*
29	6.9 oz/min	9.7 oz/min	11.9 oz/min	13.7 oz/min
46	17.3 oz/min	24.5 oz/min	29.8 oz/min	34.4 oz/min
70	39.2 oz/min	55.3 oz/min	67.8 oz/min	78.3 oz/min

* PSI settings are set before opening the discharge valve. Once you set PSI and you open the valve to start treating seed, the PSI will drop some. **DO NOT ADJUST PSI!** The rates are based on the initial setting and if you re-adjust the PSI after start treating you will adjust the volume being discharged.

Pressure is adjusted by changing the position of the yellow valve handle that is located just above the pump motor. Changing the position of that valve setting will increase the volume of liquid returning to the tank and increase agitation in the tank thereby reducing the pressure or the inverse. The agitation decreases as the pressure increases. Operation in a range of 10 to 40 PSI will keep good agitation in the tank and produce even product flow.

The Flow Regulator Disc sizes of 29 (installed), 46 and 70 (taped to tank) provide a range of application that should be adequate for most seed treatments and hay or silage inoculants. A fan nozzle may be added to the system if desired (not included) by adding below the Flow Regulator Body with a 1/4" pipe thread fitting and a nozzle body. It is suggested that the nozzle be sized slightly larger than the Flow Regulator and let the Flow Regulator do the work of managing the application pressure and flow. The hose length between the Flow Regulator Body and a Nozzle Body should be no more than 6 inches.

Dripping of product from Flow Regulator Disc body can be minimized by closing the 1/4" valve in the application line (Blue Handle).

Toggle switch will turn off the pump motor but will not stop drip from the Flow Regulator Body.

The yellow valve handle located below the 5 gallon tank can be opened to easily drain the contents of the tank.

Chart below shows results using 1 gallon of Kannar SeedKOTE™ Easy Red to 2 gallons water (3 gallons total). SeedKOTE™ Easy Red is suitable for all crops.

SeedKOTE™ Easy Red				
Regulator (Orifice)	10 psi	20 psi	30 psi	40 psi
29	10.0	14.0	16.0	20.0
46	20.0	26.0	32.0	36.0
70	40.0	50.0	64.0	72.0

SEEDKote™ Easy Red is a product of Kannar Earth Science, Ltd..

Kannar SeedKOTE™ Easy Red is an easy to use seed coating blend comprising film coating polymer and red seed coloring pigment. Consists of SeedKOTE™ Universal Wonder polymer, a powerful yet economical dust control binder that also promotes flowability of seed during handling and planting. Helps to promote restriction free flow of seed through downstream equipment. Colored red. Compatible with inoculants.

Promotes even coating and adherence of seed treatment slurry and built in red seed colorant to seed while minimizing dust off of chemical package. Improves plantability by increasing slipperiness of treated seed surface. Assist seed enhancers with consistent color and binding polymer application across production.

Chart below shows results using 1 gallon of Kannar SeedKOTE™ Universal Wonder to 2 gallons water (3 gallons total). SeedKOTE™ Universal Wonder is suitable for all crops.

SeedKOTE™ Universal Wonder				
Regulator (Orifice)	10 psi	20 psi	30 psi	40 psi
29	10.0	13.0	16.0	19.0
46	18.0	24.0	30.0	35.0
70	37.0	48.0	59.0	70.0

SEEDkote™ Universal Wonder is a product of Kannar Earth Science, Ltd..

SeedKOTE™ Universal Wonder is a powerful yet economical dust control binder that also promotes flowability of seed during handling and planting. Helps to promote restriction free flow of seed through downstream equipment. Color neutral. Compatible with inoculants.

Promotes even coating and adherence of seed treatment slurry to seed while minimizing dust off of chemical package. Improves plantability by increasing slipperiness of treated seed surface. Assist seed enhancers with consistent color and binding polymer application across production.

Changing Times Applicator Warranty

General Warranty Coverage:

CT Applicator parts are guaranteed for 12 months from the date of shipment.

The following is made in lieu of all warranties, expressed or implied: Changing Times warrants all material and workmanship on equipment to be free of defects for a period of 12 months from the date of shipment. Any part or parts thought to be defective within these 12 months are to be returned by the customer to Changing Times. Changing Times only obligation shall be to repair or replace parts proved to be defective by Changing Times. Changing Times shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use, the applicator. Before using, user shall determine the suitability of the product for the intended use, and user assumes all risk and liability. This warranty does not apply to products altered by users after the point of manufacture. Changing Times policy is to improve products whenever it is practical to do so. We reserve the right to make changes or improvements at any time without incurring any obligation to make such changes on products sold previously.

Effective Jan. 1, 2015.



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Made in the USA