

A Guide to the Chute on Dry Spreaders

A newly purchased unit has not been tested for spread pattern. It is the user's responsibility to test this unit with the materials to be spread along with the operator for acceptability.

The stainless steel adjustable chute is a Newton Crouch Inc. designed and developed product. This device is required for various materials and rates over different swaths to help the operator do a good spreading job.

The stainless steel adjustable chute has two purposes:

- > Divides the material equally between the right and left spinners.
- > Places the material correctly on the spinner.

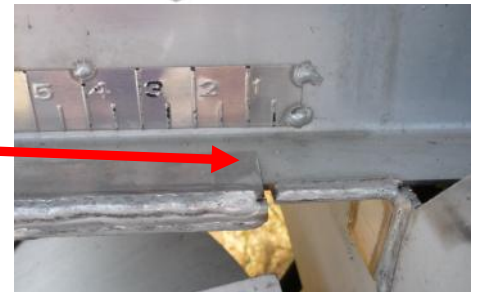
The chute must be kept clean and free to move forward and backwards. The chute is moved in and out by turning the chute screw.

The chute scale is found on the right hand side of the spreader on the side runner.



Chute Setting = 3 1/2"

The front most edge locates the setting.



Chute Setting = 1"

IMPORTANT!

The chute setting for standard stainless blades is different (1" less) than the setting for blades made of 1/4" stainless or carbon steel. See photo on page 2 of this document.

Turning the chute handle clockwise moves the chute **OUT**



Turning the chute handle counter clockwise moves the chute **IN**

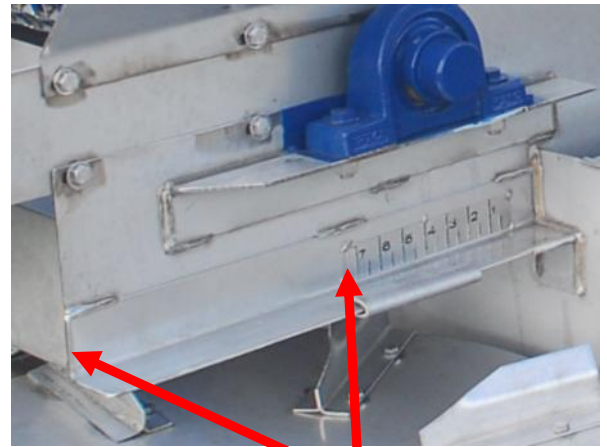
The chute plays an important role in adjusting your spread pattern. The chute controls WHERE the material falls on the dish: center, back edge, front edge.

Moving the chute out causes material to be taken from the center of the pattern and placed more to the outside of the pattern, or simply put: out goes out.

For a complete explanation of using the chute to correct spread pattern, please read the Technical Tip titled *Spread Patterns—Testing & Types*. This tip contains detailed information and will help you to improve the quality of your spread pattern.

Chute should be level from front to rear. Small variation is normal, but a chute that is obviously tilted will not give you a good spread pattern and must be leveled.

The “7” on the scale needs to measure 11 inches from the end of the side runner forward to the “7” on the scale.



11”

Center Dishes Below Chute



Reach down through top of chute with a straight object



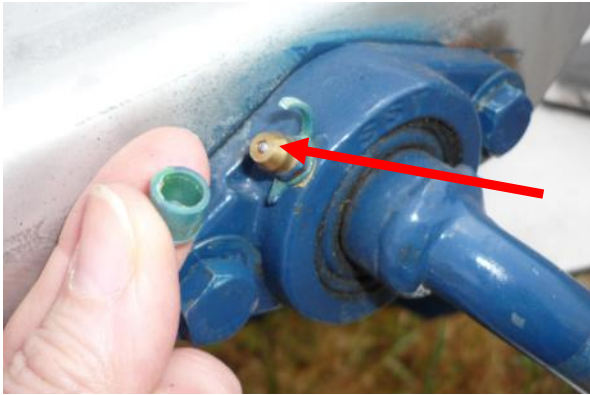
These measurements should be equal, along with 25½” center to center of motor shafts.



Chute settings shown on the separate decal located on the back of the spreader or on a separate sheet are based on test data collected by Newton Crouch inc. These settings are approximate and will vary for different materials, conditions, and blades.

NOTE: The approximate chute setting is shown on the rate chart for the corresponding lbs/acre, but may vary. It is based on a material weighing 65 lbs/cu ft. Spread pattern testing should be done for each material. Without attention to this area a poor spread pattern will result.

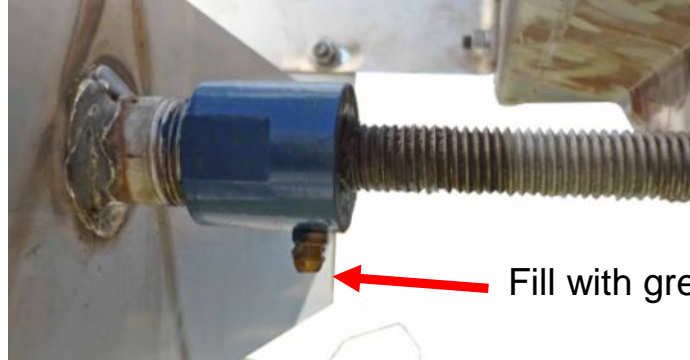
Regular maintenance will improve and prolong the life of your spreader.



Grease the chute screw couplings with one shot



at Start Up each year and Weekly during the spreading season



Fill with grease.



Before you call NCI for technical assistance, know the serial number from your equipment located on the left side rail on the unit.

1-800-241-1350

ALWAYS!

Clean your unit before storing it.