

## B2B Treater

# Application of JumpStart® for bulk corn totes

### General instructions for applying JumpStart® using the custom B2B treater

- Remove hose from tank and attach to outflow located on bottom of treater connecting by valve/pressure gauge on corn chute
- Calibrate the B2B treater with water before adding the JumpStart
  - A) Add 3.75 gallons (15 quarts) of water to the tank
  - B) Turn on treater to prime lines with water (you will need an additional quart)
  - C) Gauge should be set to 16-17 psi, adjust as needed with pressure valve located on bottom of treater
  - D) Tank should empty in 5 minutes
  - E) Time corn box drop time to 5 minutes, adjust slide opening as needed for rounds or flats of seed. The majority of slides open at 1.5" or a ½" (thumb width) out from where the slide meets the bottom (outside) of the plastic. See picture below.
  - F) After calibrating B2B tank and corn box to 5 minutes, mix JumpStart in water (see instructions below)



**Note:** Different types, weight, and size of seed will flow at different speeds. Take the time to determine slide position for a "5 minute empty" when changing seed varieties.

### To mix JumpStart:

1. Fill either treater tank or a bucket with cool clean water
  2. Use a cordless drill with a paint mixer attachment to agitate the solution when pouring in bottles of JumpStart. This method ensures JumpStart is completely mixed in solution
  3. Before adding JumpStart to water, start circulating water with mixer and pour the contents of the JumpStart container slowly and directly into the funnel of water created in the middle of the tank. Please do not rely on agitation to mix; make sure JumpStart is fully mixed in solution using the drill
  4. After priming lines with JumpStart, you will need to RE-ADJUST PRESSURE to 16-17 psi to treat corn as the pressure will drop slightly from the pre-calibration level done with water
- To attach the B2B chute to a full box of corn, lift the full box with a forklift about 4 feet off the ground. Take the chute and mount on the corn box, securing the chute in place

- Lift the full box beside an empty box and place the chute spout accordingly. To pull the full corn box chute, you may need to use a step stool or ladder
- Start by placing a small amount of untreated corn in the bottom of an empty box to prevent extra solution from draining through onto the floor
- **Ready to treat:**
- Make sure line is primed up to pressure gauge and valve on chute
- Open corn box slide and B2B treater valve at the same time
  - Open corn slide approximately 1.5" (your predetermined "5 minute empty" position)
  - Open valve located on chute by pressure gauge. Pressure gauge should read 20 psi
- When complete, close the chute slide, turn off valve and remove chute from empty box. Place empty box on ground. Lift the treated full box of corn above empty box and open slide completely to dump back into original box. Label with JumpStart stickers and mark date of treating.



***Note: It is important that the filter on the B2B treater is cleaned at the end of each day of treating (or before treating begins each day). This will help avoid any filter clogging issues from residue buildup.***



Seed shown with optional colorant

**For more information on applying JumpStart<sup>®</sup>, please contact your  
Novozymes Biologicals BioAg sales representative.  
Call 1-888-744-5662 or visit [www.bioag.novozymes.com](http://www.bioag.novozymes.com)**

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