

PHYCOTERRA® ST JUG MIXING INSTRUCTIONS + PH NEUTRALIZATION GUIDE



EASY INSTRUCTIONS FOR MIXING PHYCOTERRA® ST WITH LIVE BIOLOGICAL PRODUCTS WITH POTASSIUM HYDROXIDE 45% (KOH).

IMPORTANT: Entire jug/product must be used within **24 hours** of KOH stabilizer being added to PhycoTerra® ST. **NOTE:** Use the entire amount of KOH provided (noted below) with the entire jug (2.5 gal) of product.

STEP 1

Option 1

Open cap of jug. Agitate product by using a power drill with a paint mixing attachment. Use the lowest speed setting and in reverse on the drill to prevent splattering.

Option 2

Leave the cap on the jug. Shake the jug vigorously for 30-45 seconds – shaking from side-to-side and upside down.



STEP 2

Read the provided SDS and utilize proper PPE. Open the cap of the jug and pour the entire (1) bottle of pre-measured (5.65 liquid oz or 167mL) Potassium Hydroxide 45% into the full jug (2.5 gal).

STEP 3

Option 1

Mix the stabilizer and the product together by using a power drill with a paint mixing attachment. Use the lowest speed setting and in reverse on the drill to prevent splattering.

Option 2

Replace cap on the jug. Shake the jug vigorously for 30-45 seconds.

NOTE: The stabilizer can make the product “foam” or swell, if overmixed.

STEP 4

Once the solution is mixed, let the jug settle and wait **2 minutes** for the stabilizer to neutralize the pH in the solution.



STEP 5

Remove cap and confirm the solution contents have reached **pH level of 7.0, +/- 0.5 (6.5 to 7.5)**. Always use an electronic pH meter to confirm pH level. Double check the pH requirement of live products being mixed with PhycoTerra® ST, as it can deviate from the 6.5 to 7.5 range.

NOTE: pH test strips will not provide an accurate reading due to the color of PhycoTerra® ST.

STEP 6

Empty jug contents into tank or seed treater. Use the entire solution within 24 hours of being neutralized.



PHYCOTERRA® ST KEG MIXING INSTRUCTIONS + PH NEUTRALIZATION GUIDE



EASY INSTRUCTIONS FOR MIXING PHYCOTERRA® ST WITH LIVE BIOLOGICAL PRODUCTS WITH POTASSIUM HYDROXIDE 45% (KOH).

IMPORTANT: Entire container must be used within **24 hours** of KOH stabilizer being added to PhycoTerra® ST. **NOTE:** Use the entire amount of KOH provided (noted below) with the entire keg (14 gal) of product.

STEP 1

Upon receipt of product, slowly unthread the black drill mixer access to relieve any pressure/vacuum. Remove the threaded white plug covering the drill key access. Mix the product for about 2 minutes by using a cordless drill, with provided drill key. Unthread the outer bushing that holds the micromatic key valve and dip tube.

STEP 2

Read the provided SDS and utilize proper PPE. Slowly pour the entire (1) bottle of pre-measured (31.55 liquid oz or 933mL) Potassium Hydroxide 45% into the full keg (14 gal) while mixing, where the dip tube was removed.

STEP 3

Agitate the stabilizer and the product together by using an integrated mixer for **1-2 minutes**.

NOTE: The stabilizer can make the product “foam” or swell, if overmixed.

STEP 4

Once the solution is mixed, let the keg settle and wait **2 minutes** for the stabilizer to neutralize the pH in the solution.

STEP 5

Confirm the solution contents have reached **pH level of 7.0, +/- 0.5 (6.5 to 7.5)**. Always use an electronic pH meter to confirm pH level. Double check the pH requirement of live products being mixed with PhycoTerra® ST, as it can deviate from the 6.5 to 7.5 range.

NOTE: pH test strips will not provide an accurate reading due to the color of PhycoTerra® ST.

STEP 6

Empty mixed keg contents into tank or seed treater. Use the entire solution within 24 hours of being neutralized.

