

Instructions to Convert Terra-One Concentrate into Premix Slurry

Boxed Concentrate Product Mixing Instructions:

- 1) Make sure the holding tank you will be using has been flushed with clean water. Flush the tank three times with an adequate rinse if the tank has held any type of biocide (herbicide or pesticide).
- 2) Remove the “tear out” portion of each box to expose the spouts of each bag (located on the side of the box).
(1 Gallon Box)
- 3) Add 1 gallon of activator to the tank.
Add 1 gallon of Terra-One concentrate to the tank.
Add 2 gallons of water and **proceed to step 4 below.**
(5 Gallon Box)
- 3) Add 5 gallons of activator to the tank.
Add 5 gallons of Terra-One concentrate to the tank.
Add 10 gallons of water and **proceed to step 4 below.**
- 4) Allow the product to sit for at least one (1) hour, including travel time to field. This step allows the microbes to multiply and start utilizing the activator.
- 5) Wash hands after mixing and safely dispose of the two boxes that were received.
- 6) The product is now ready to use.
 - a) Be sure the boxes are mixed by the “use by or mix by” date on the box.
 - b) Once mixed this product can be stored for an additional 60 days past the use by/mix by date.
 - c) Make sure tank is vented.
- 7) **THIS MIXTURE IS NOW A PREMIX SLURRY – See directly below for Premix Slurry Instructions.**

Premix Slurry Product Instructions

Premix Slurry Product Instructions:

- 1) Fill your application tank with the appropriate amount of water or liquid fertilizer to treat the acres desired.
- 2) Mix 16 oz. of the Premix Product per acre with the desired amount of water or liquid fertilizer that your spray equipment treats per acre. The minimum amount of water or liquid fertilizer per acre is 2 gallons. There is no limit to the amount of water applied per acre.
- 3) The product is now ready to use.
 - a) Be sure Terra-One is used by the “best if used by” date on the tank.
 - b) Do not attempt to store the product mixed with fertilizer for more than 2-3 days.
- 4) IF THE MIX IS TO BE HELD OVERNIGHT, BE SURE THE TANK IS VENTED SO THE GASSING OF THE MIXED PRODUCT DOES NOT DAMAGE THE TANK.
- 5) Keep out of reach of children.

Concentrate Direct to Tank Mixing Instructions on Back Side of this Sheet

Terra-One Direct to Tank Mixing Instructions

Box Concentrate Direct To Tank Mixing Instructions:

- 1) Make sure the holding tank you will be using has been flushed with clean water. Flush the tank three times with an adequate rinse if the tank has held any type of biocide (herbicide or pesticide).
- 2) Remove the “tear out” portion of each box to expose the spouts of each bag (located on the side of the box).
- 1) Mix 4 oz. of activator per acre to the tank.
- 2) Mix 4 oz. of Terra-One concentrate per acre in the tank with the activator.
- 3) Fill the tank with the amount of water or liquid fertilizer to treat the acres desired. (Application rate should be a minimum of two gallons per acre, but can be used with any volume of water.)
- 4) Allow the product to sit for at least one (1) hour, including travel time to field. This step allows the microbes to multiply and start utilizing the activator.

Terra-One FAQs

Q: When should I apply?

A: The best time to apply would be right after seed germination or when the soil is at least 45 degrees Fahrenheit, depending on the crop.

Q: How often should I apply?

A: Under normal conditions the product would be applied at the beginning of each crop cycle.

Q: Can I mix it with my liquid fertilizer application?

A: Yes, it can be mixed with liquid fertilizer solution as long as it is utilized in the next 48 hours after mixing.

Q: What methods of application can be utilized?

A: The method of application would be any that would normally be used with liquid application to the fields. For example: drip irrigation, boom sprayer, land injection or aerial application.

Q: After a period of time I noticed a cloudy floating material near the bottom of the tank, is that a problem?

A: No, that is the result of the natural process with a living, microbial product.

Q: Can I mix it with herbicide or Roundup?

A: No. The active ingredients in either would be detrimental to the microbial population.

Q: Can this product be used on a field after herbicide or Roundup has been applied?

A: Yes.