

Boxed Product Mixing Instructions (1 & 5 Gallon Shipment):

1. Make sure the mixing 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. Fill the tank with the amount of water or liquid fertilizer to treat the acres desired.
3. Remove the tear out portion of the box marked Terra-One, to expose the product spout (located on the side of the box).
4. Remove the tear out portion of the box marked Activator, to expose the product spout (located on the side of the box).
5. Located in the Terra-One box next to the spout is a bottle of dechlorinator. See de-chlorination instructions; skip this step if using non-chlorinated water such as well water.
6. Mix 4 oz. of Terra-One concentrate per acre with the desired amount of water or liquid fertilizer that your spray equipment treats per acre. Eye protection is recommended.
7. Mix 4 oz. of activator per acre to the tank of water/liquid fertilizer and Terra-One.
8. Allow the product to sit for a least 1 hour, including travel time to the field. This step allows microbes to multiply and start utilizing the activator. This product may be mixed in advance for convenience.
9. Wash hands after mixing and safely dispose of the two boxes that were received.
10. Application rate would be a minimum of two gallons per acre, but can be used with any volume of water realizing that most spray equipment treats at a rate of 10 – 20 gal/acre.
11. The product is now ready to use.
 - a) Be sure the concentrate is used by the “use by or mix by date” on the box.
 - b) We would prefer the product be used as soon as possible upon receipt, however; the product can be stored mixed with water in a tank for an additional 60 days past the expiration date. To store: simply mix the product and activator with equal parts water. For example, 1 gallon activator and 1 gallon of concentrate would be mixed with 2 gallons of water.
 - c) Do not attempt to store the product mixed with fertilizer for more than 2-3 days.
12. IF THE PRODUCT MIX IS TO BE HELD OVERNIGHT, BE SURE TANK IS VENTED SO THE GASSING OF THE MIXED PRODUCT DOES NOT DAMAGE THE TANK.
13. Do not allow product to freeze.
14. Keep out of reach of children.

Final Use instructions for the “premix product” (Tote or Tank Shipment)

1. Fill your application tank with the desired amount of water or liquid fertilizer to treat the acres desired.
2. Mix 16 oz. of the mixed concentrate per acre with the desired amount of water or liquid fertilizer that your spray equipment treats per acre. The minimum suggested amount of water per acre is 2 gallons, most common spray equipment treats 10-20 gallons per acre. There is no limit of the amount of water applied per acre.
3. The product is now ready to use.
 - a) Be sure the Terra-One is used by the “best if used by date” on the tank. We would prefer the product be used as soon as possible upon receipt, however; the product can be stored for up to 90 days from the date of shipment.
 - 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 TANK IS VENTED SO THE GASSING OF THE MIXED PRODUCT DOES NOT DAMAGE THE TANK.

For De-Chlorination

1. Pre-load your tank with the appropriate amount of water for your application.
2. Add 1 Tablespoon (.5 oz or 15 ml) of de-chlorinator per 20 acres, which is provided with the product shipment.
3. After the de-chlorinator is added, mix Terra-One for the acreage being treated.

NOTE: You cannot over treat with de-chlorinator; it can be used with whatever volume of water you apply per acre.

Common FAQ's

Q: When should I apply?

A: The best time of application would be right after seed germination or when the soil is at least 45° Fahrenheit depending on the crop. The most important aspect would be to apply early on during the active growth phase of the plant.

Q: How often should I apply it?

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 be normally used with liquid application to the fields. For example it could be: 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 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.