

TREATMENT INSTRUCTIONS: TERRASYM 450 FOR CORN

Terrasym 450 has a label rate of 0.5 oz. (14.5g) per one, 80 MVK unit of corn – one MVK unit is equivalent to one bag of corn (approx. 80,000 seeds) – with a mixing ratio of 1:3 (for every ounce of dry powder used, you will need three ounces of water).

*The below instructions are designed for those using the jug and scoop included with the Terrasym product packaging. **If treating more or less than 50, 80 MVK units of corn, utilize the quick conversion table on the next page.***

The 450 product contains living microbes called M-trophs and should be treated as “live.” Do not combine this product in a tank containing fungicides and/or insecticides, and reach out to your local Terrasym rep for any compatibility questions or concerns.

1. Prepare seed treater for corn overtreatment.
2. Prepare to create pre-slurry.
Terrasym 450 has a **mixing ratio of 1:3** (dry powder:water).
3. Fill the provided jug (or clean mixing container) with the desired amount of water.
To slurry 50, 80 MVK units of corn – one MVK unit is equivalent to one bag of corn (approx. 80,000 seeds) – you will need **0.53 gallons (68 fl. oz. or 2.1L) of water**.
For easy measuring, fill the provided jug to the pink fill line.
4. Measure out the desired quantity of Terrasym 450 using either an electric scale or the provided scoop.
The 450 powder has a label rate of **0.5oz (14.2g) per one, 80 MVK unit of corn**.
To treat 50, 80 MVK units of corn this equates to **25 oz. (1.6lb or 709g) or one pouch of Terrasym powder**.
5. Pour measured powder into the water-filled jug, ensuring enough space remains to agitate.
6. Cap the jug and shake well, **approximately 30-60 seconds**.
7. Once the product is fully mixed, add slurry to inoculant or biological pump stand and begin planting.

TREATMENT BEST PRACTICES



1 leveled scoop is equal to 3 oz. (87 g.) of Terrasym powder.

**Please ignore scoop graduations.*



Always slurry Terrasym in clean, dry containers.



Use non-chlorinated water.*

**Preferred not required.*



Using a flowability agent? Contact your local Terrasym rep for compatibility questions!

TERRASYM 450 TREATMENT FOR CORN CONVERSION TABLE

To treat this many units of seed...	Add this much powder						Into this much water ...						to yield this much volume of slurry ...						which is also this much weight of slurry.					
	Terrasym 450 powder						Water						Slurry Volume						Slurry Weight					
	g	kg	oz.	lb.	ml	gallons	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	ml	L	fl.oz.	g	kg	oz.	lb.				
10	145	0.15	5.1	0.32	435	0.4	15	0.11	588	0.6	20	0.2	553	0.6	19	1.2								
20	290	0.29	10.2	0.64	870	0.9	29	0.23	1175	1.2	40	0.3	1105	1.1	39	2.4								
30	435	0.44	15.3	0.95	1305	1.3	44	0.34	1763	1.8	60	0.5	1658	1.7	58	3.7								
40	580	0.58	20.5	1.27	1740	1.7	59	0.46	2350	2.4	80	0.6	2210	2.2	78	4.9								
45	653	0.66	23.0	1.43	1958	1.9	67	0.52	2644	2.7	90	0.7	2487	2.5	88	5.5								
50	725	0.73	25.5	1.59	2175	2.2	74	0.57	2938	2.9	99	0.8	2763	2.8	97	6.1								
100	1450	1.46	60.0	3.18	4350	4.4	148	1.14	5876	5.8	198	1.6	5526	5.6	194	12.2								

For additional treatment tools and resources, visit terrasym.com