

TREATMENT INSTRUCTIONS: TERRASYM 408 FOR CORN

Terrasym 408 has a label rate of 4.5 oz. (125g) per acre, 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 than 5.5 acres, utilize the quick conversion table and bulk treatment instructions on the next page.***

The 408 product contains living microbes called M-trophs and should be treated as "live." NewLeaf Symbiotics recommends re-slurrying the desired acreage application every 24 hours, as these microbes do not survive in starter fertilizer for extended periods of time.

1. Prepare in-furrow system and add desired amount of starter fertilizer to tank.
2. Prepare to create pre-slurry.
Terrasym 408 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 5.5 acres, you will need **0.5 gallons (70 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 408 using either an electric scale or the provided scoop.
The 408 powder has a label rate of **4.5oz (125g) per acre**.
To treat 5.5 acres, this equates to **1.5lb (688g) or 8 level scoops of powder** (with a small amount extra to make sure that the seed is not under-treated).
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 starter fertilizer tank 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.*



Compatibility questions? Contact your local Terrasym rep!

TERRASYM 408 TREATMENT FOR CORN CONVERSION TABLE – 3:1 MIXING RATIO

To treat this many acres...	Add this much powder.....						Into this much water...						to yield this much volume of slurry...						which is also this much weight of slurry.																																																								
	Terrasym 408 powder												Water						Slurry Volume						Slurry Weight																																																		
	g	kg	oz.	lb.	ml	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	g	kg	oz.	lb.	g	kg	oz.	lb.																																																			
5.5	688	0.69	24	1.52	2,062	70	0.50	2,888	2.89	98	1.00	2,717	2.72	96	5.99	20	2500	2.50	88	5.51	7,571	2.56	2.00	10,500	355	3.00	9,880	9.88	349	21.78	25	3125	3.13	110	6.89	9,464	3.20	2.50	13,125	444	3.50	12,350	436	436	27.23	50	6250	6.25	220	13.78	18,927	6.40	5.00	26,250	888	7.00	24,700	871	871	54.45	100	12500	12.50	441	27.56	37,854	10.00	10.00	52,500	1775	14.00	49,400	1,743	1,743	108.91

TREATMENT INSTRUCTIONS: FOR 25 OR MORE ACRES

WHAT YOU NEED

- ✓ Five-gallon jug
- ✓ Mixing stick or hand drill attachment*

* *Mixing with a hand drill attachment allows you to reduce the ratio of water to dry powder and maximize the number of acres per slurry. See conversion table below for reduced water mixing ratio.*

NewLeaf Symbiotics recommends The Cary Company [drill attachment products](#).

INSTRUCTIONS

Each bag of Terrasym 408 for corn contains 225 oz. of dry powder that will treat 25 acres (4.5 oz per acre)

1. Fill a five-gallon bucket with 2.5 gallons of water.
2. Pour one (1) bag of Terrasym 408 (equal to 225 oz. of dry powder) into the water.
3. Stir with a mixing stick or hand drill attachment.

TERRASYM 408 TREATMENT FOR CORN CONVERSION TABLE – 1:1.5 MIXING RATIO

To treat this many acres...	Add this much powder.....						Into this much water...						to yield this much volume of slurry...						which is also this much weight of slurry.																																																																	
	Terrasym 408 powder												Water						Slurry Volume						Slurry Weight																																																											
	g	kg	oz.	lb.	ml	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	g	kg	oz.	lb.	g	kg	oz.	lb.																																																												
5.5	688	0.69	24.25	1.52	1034	1.03	34.96	0.25	2035	2.04	68.81	0.54	1722	1.72	60.72	3.80	20	2500	2.50	88.19	5.51	3760	3.76	127.14	1.00	7400	7.40	250.22	1.95	6260	6.26	220.82	13.80	25	3125	3.13	110.23	6.89	4700	4.70	158.93	1.25	9250	9.25	312.78	2.50	7825	7.83	276.02	17.25	50	6250	6.25	220.46	13.78	9400	9.40	317.85	2.50	18500	18.50	625.56	5.00	15650	15.65	552.04	34.50	100	12500	12.50	440.93	27.56	18800	18.80	635.70	5.00	37000	37.00	1251.12	10.00	31300	31.30	1104.08	69.00

For additional treatment tools and resources, visit terrasym.com