

## TREATMENT INSTRUCTIONS: TERRASYM 401 FOR SOYBEANS

*Terrasym 401 has an application rate of 1oz (28g) per 100 lbs. of soybean seed, a label rate of 0.5 oz. (14g) per unit of soybean seed, and 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 48 units of soybean seed, utilize the quick conversion table on the next page or head to [terrasym.com](http://terrasym.com) for our online seed treatment calculator.***

1. Identify whether you will treat simultaneously or sequentially.
  - Simultaneously** – Prepare auxiliary tank or inoculant drum for use to apply alongside standard fungicide and insecticide. This is the most common application method.
  - Sequentially** – Prepare main drum for Terrasym 401 only treatment, after original fungicide and/or insecticide application.
2. Prepare to create pre-slurry.
  - Terrasym 401 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 48 units of soybean seed, you will need **0.55 gallons (70 fl. oz. or 2.1 L) of water**.
  - For easy measuring, fill the provided jug to the pink fill line.
4. Measure out the desired quantity of Terrasym 401 using either an electric scale or the provided scoop.
  - The 401 powder has a label rate of **0.5 oz. (14g) per unit of soybean seed**.
  - For a 48 unit batch of soybean seed, this equates to **1.5lb (696g) or 8 level scoops of 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 tank, calibrate the treater, and begin treating seed.

### 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.*

## TERRASYM 401 FOR SOYBEANS 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 401 powder						Water						Slurry Volume						Slurry Weight					
	g	kg	oz.	lb.	ml	fl.oz.	L	fl.oz.	gallons	ml	L	fl.oz.	gallons	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								
48	696	0.70	24.5	1.5	2088	2.1	71	0.55	2820	2.8	95	0.7	2652	2.65	94	5.84								
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								
80	1160	1.16	40.9	2.54	3480	3.5	118	0.92	4700	4.7	159	1.2	4420	4.4	156	9.7								
120	1740	1.74	61.4	3.81	5220	5.2	177	1.38	7050	7.1	239	1.9	6630	6.6	234	14.6								
160	2320	2.32	81.8	5.08	6960	7.0	235	1.84	9400	9.4	318	2.5	8840	8.8	312	19.5								
200	2900	2.90	102.3	6.35	8700	8.7	294	2.30	11750	11.8	398	3.1	11050	11.1	390	24.4								
240	3480	3.48	122.7	7.62	10440	10.4	353	2.76	14100	14.1	477	3.7	13260	13.3	468	29.2								
280	4060	4.06	143.2	8.89	12180	12.2	412	3.22	16450	16.5	557	4.3	15470	15.5	546	34.1								
320	4640	4.64	163.6	10.16	13920	13.9	471	3.68	18800	18.8	636	5.0	17680	17.7	624	39.0								
360	5220	5.22	184.1	11.43	15660	15.7	530	4.14	21150	21.2	716	5.6	19890	19.9	702	43.8								
400	5800	5.80	204.5	12.70	17400	17.4	588	4.60	23500	23.5	795	6.2	22100	22.1	780	48.7								

*\*Calculations based on soybeans sold as 140,000 seed count units at 2,800 seeds per pound.*

This table has been developed to help determine use rates for Terrasym 401 products for soybean. It does not replace the approved label for this product.

*For additional treatment tools and resources, visit [terrasym.com](http://terrasym.com)*