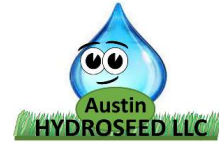


Grass Seed Germination Test

Austin HydroSeed LLC

Austin Tx, Spring 2023



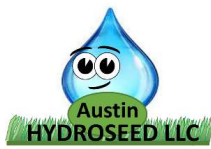
Test Purpose: To determine the germination time and growth rate for various grasses and flowers commonly found in Central Texas

Test Procedure: Several grass and flower seed types and mixtures were planted in commercial seed starter soil mix in 4" peat pots. The pots were placed outside in Leander, Texas and were exposed to 8 hours of full sun (when there was not cloud cover). The test was performed in March and April of 2023. The temperatures ranged from overnight lows in the 50F-65F to daily highs of 60F-90F. The seeds were watered periodically and kept moist continuously through the test period.

Test Results: The results of the tests are shown below in table 1.

Seed Type	Germination Time (days)	Height at 2 weeks	Height at 4 weeks
Common Bermuda (un-hulled)	8-10 days	1/8"	1/4"
Common Bermuda (hulled)	7-9 days	1/8"	1/4"
Maya Bermuda (coated)	7-9 days	1/8"	1/4"
Annual Rye Grass	5-6 days	3-4"	5-6"
Tall Fescue Grass	6-8 days	1"	3-4"
Buffalo Grass	10-14 days	1/4"	1"
Teff Love Grass	3-4 days	1"	2"
Pond/Dam Mix	10-11 days	1/2"	1"
Midway Mix	9-10 days	1/4"	1"
Native (Thunder) Turf Grass	7-10 days	1/2"	1"
Zoysia, Zenith	21-28 days	0	1/16"
Fall Flower Mix	7-8 days	1/4"	1/2"





Central Texas Grass Seed Germination Test Austin HydroSeed LLC Austin Tx, Spring time

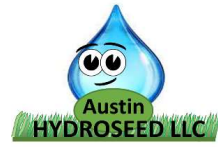
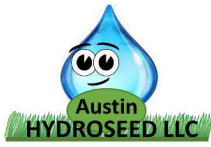


Fall Wild	Un-hulled	Hulled	Native	Tall	Teff	Annual
Flower	Bermuda	Bermuda	Turf	Fescue	Love	Rye
Mix	Grass	Grass	Mix	Grass	Grass	Grass

Initial Test pots in full sun 25 days after planting
(Planted March 24th 2023, Photo taken April 18th 2023)

Pond Dam Mix, Midway Mix, and Zoysia were also added later to the test

Growing Conditions: Seeds were planted in commercial seed starter soil mix in 4" peat pots. The pots were exposed to 8 hours of full sun (when there was not cloud cover). The test was performed in March and April of 2023. The temperatures ranged from overnight lows in the 50F-65F to daily highs of 60F-90F. The seeds were watered periodically and kept moist continuously through the test period.



Un-Hulled Common Bermuda

Grown in Central Texas
Spring 2023



11 Days Old

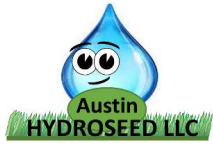


25 Days Old



37 Days Old

Planted 3/24/23

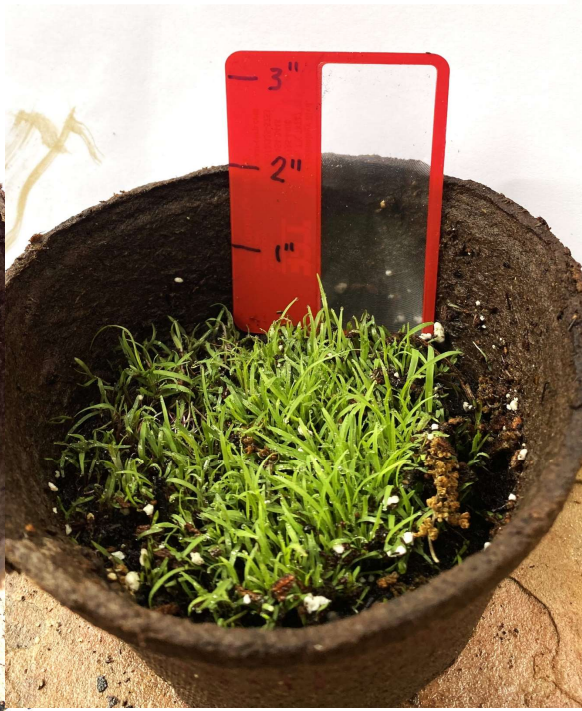


Hulled Common Bermuda

Grown in Central Texas
Spring 2023



11 Days Old

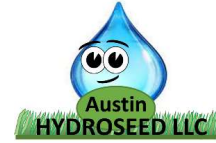
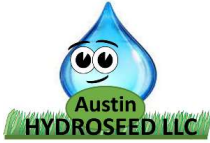


25 Days Old



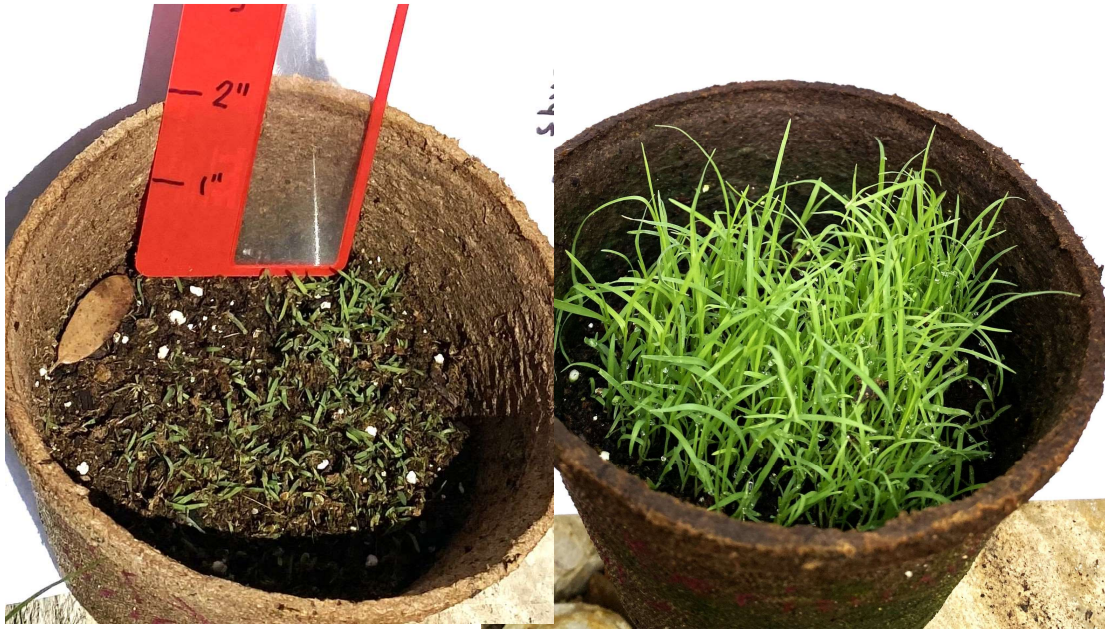
37 Days Old

Planted 3/24/23



Maya (hybrid) Bermuda Grass

Grown in Central Texas
Spring 2023



14 Days Old

25 Days Old

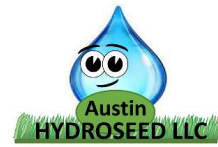


36 Days Old

Planted 3/24/23



Austin Hydroseed
Germination Test



Annual Rye Grass

Grown in Central Texas
Spring 2023



11 Days Old

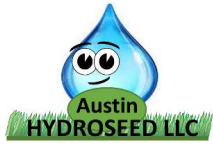


25 Days Old



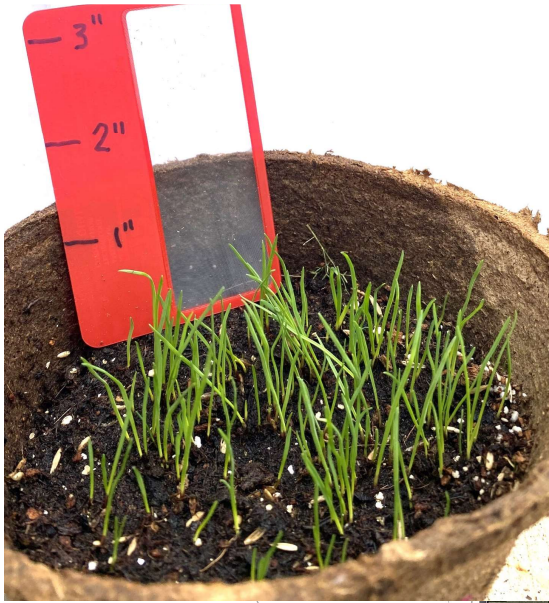
37 Days Old

Planted 3/24/23



Fescue, Tall Grass

Grown in Central Texas
Spring 2023



11 Days Old

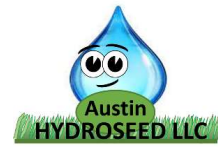


25 Days Old



37 Days Old

Planted 3/24/23



Austin Hydroseed
Germination Test

Buffalo Grass

Grown in Central Texas
Spring 2023



Buffalo Grass

24 days old

45 days old

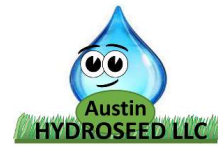


71 days

Planted 3/17/23



Austin Hydroseed
Germination Test



Teff Love Grass

Grown in Central Texas
Spring 2023



Teff Love Grass (annual)
11 Days Old 25 Days Old

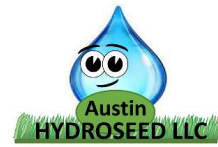


37 Days Old

Planted 3/24/23



Austin Hydroseed
Germination Test



Dam/Pond Grass Mix

Grown in Central Texas
Spring 2023



Pond/Dam Mix

13 Days Old

24 Days Old

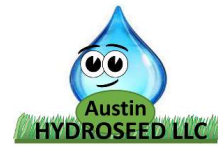


46 Days Old

Planted 4/6/23



Austin Hydroseed
Germination Test



Midway Native Short Grass Mix

Grown in Central Texas
Spring 2023



Midway Short Grass Mix
13 Days Old 24 Days Old

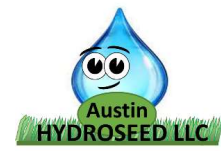


45 Days Old

Planted 4/6/23



Austin Hydroseed
Germination Test



Zoysia Grass, Zenith Variety

Grown in Central Texas
Spring 2023



21 days



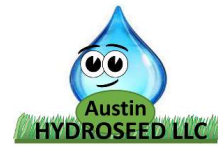
36 days



50 days



Austin Hydroseed
Germination Test

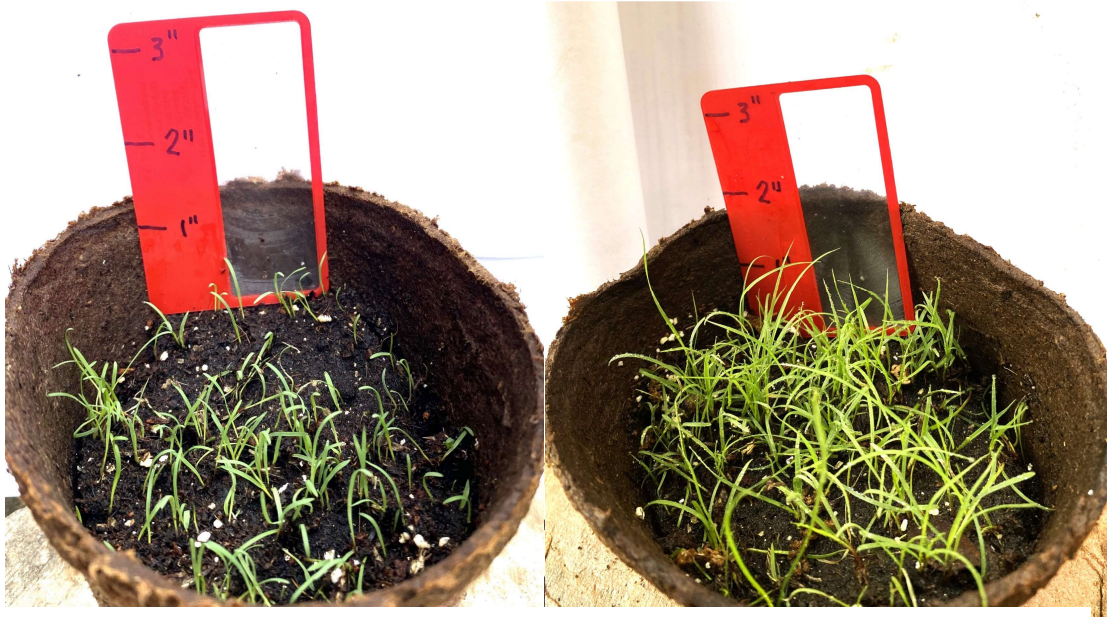


Native Turf Grass Mix

(Buffalo Grass Blue Gramma and Curly Mesquite)

Grown in Central Texas

Spring 2023



Native Turf Mix

13 Days Old

25 Days Old

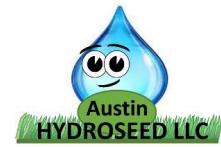


37 Days Old

Planted 3/24/23



Austin Hydroseed
Germination Test



Fall Wildflower Mix

Grown in Central Texas
Spring 2023



11 Days Old



25 Days Old



37 Days Old

Planted 3/24/23