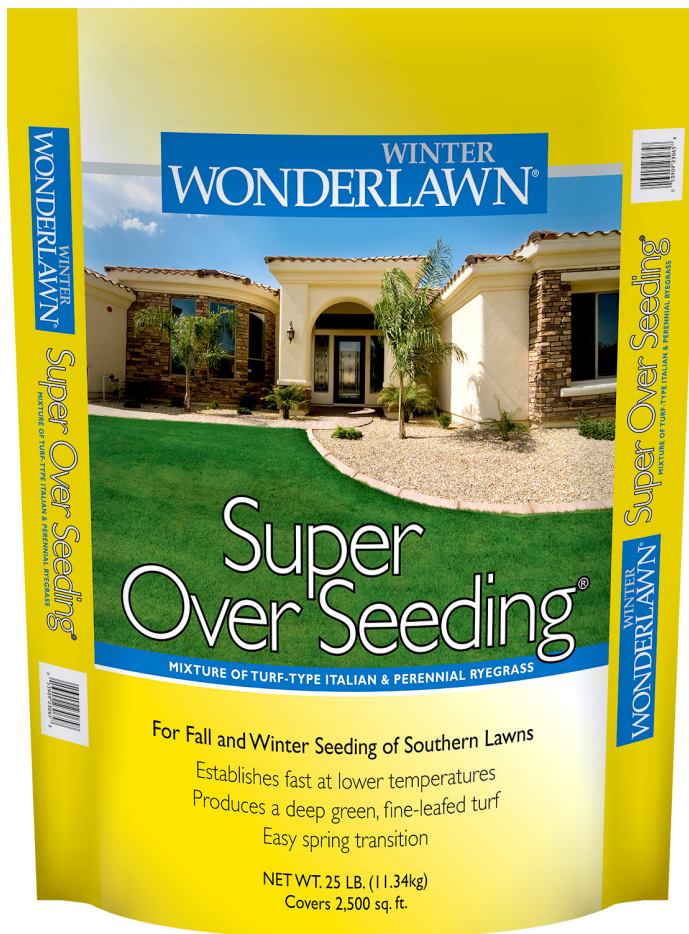


WINTER WONDERLAWN®

Super Over Seeding mixture
for southern lawns in fall and winter



Fast establishment and coverage

- ▶ Out-competes weeds
- ▶ Germinates in as little as 2 to 4 days

Fine leaf texture

- ▶ Blends nicely with southern lawns
- ▶ Has the appearance of perennial ryegrass

Keeps your lawn green all season long

- ▶ Bred for dwarf features and dark green color

Germinates under low temperatures

- ▶ Will germinate in the fall and even into winter
- ▶ It's never too late to overseed

Great wear tolerance

- ▶ Will handle the rigors of continuous use

Great spring transition

- ▶ Transitions out in the early spring as southern lawns are coming out of dormancy
- ▶ Needs no chemicals to transition



WINTER WONDERLAWN®

Winter Wonderlawn is a grass seed product comprised mainly of Italian ryegrass. Panterra is a highly rated variety in numerous University trials throughout the US and exhibits turf quality as good as Perennial ryegrass with faster germination and better transition.

SEEDING INSTRUCTIONS

It is safe to plant when the night time temperature is 70 degrees or lower.

STEP 1

Thatch and rake existing lawn until bare ground is showing and all dead grass and debris is removed.

STEP 2

Spread starter fertilizer at 1Lb. Per 500 square feet.

STEP 3

Then seed the area at 1 lb. Per 100 square feet.

STEP 4

Finish up with toppler. Use enough toppler to cover the grass seed. Topper gives the seed a place to start germinating by holding the Moisture longer and providing a loose base For the roots to cling to. Topper also helps keep the birds from eating your seed.

STEP 5

All that is left to do is to water and wait. Keep it very moist until seedlings appear. Water about 5 to 10 minutes 5 times every day. Do not over water. If you over water until the water runs off your seed will float away with the water or it will tend to clump together and make your grass grow in patches.

SEEDING RATE:

10 lbs. per 1,000 sq. ft.

GERMINATION & ESTABLISHMENT:

Keep seedbed moist to enhance germination. Under ideal conditions, germination should begin within 2 to 4 days and be complete within 10 days. The stand will be well established in 21 days.

FERTILIZATION:

For optimum results apply 0.50 to 0.75 lbs. of N/1,000 sq. ft. per application during the growing season. Requires 3 to 5 lbs. N/1,000 square feet per growing season. The fertilization rate will vary depending on the soil conditions and the usage of the grass.

MOWING HEIGHT:

Performs best at 1 to 2 inches. Will tolerate mowing to ½ inch under high maintenance conditions. Do not remove more than 1/3 of the total plant height with each mowing.

WATERING:

After establishment, a deep watering program is recommended to improve root depth. Irrigate according to turfgrass needs for your geographical area.

PANTERRA INFO

AVERAGE TURF QUALITY†

MACH 1 PR	6.5
PANTERRA AR	5.9
TRANSIST 2200 IR	5.8
TRANSEZE IR	5.5
GULF AR	5.2
LSD (0.05)	0.3

VISUAL QUALITY, JAN 28‡

TURFSTAR/BARIVIERA PR/RB	8.0
PANTERRA AR	7.0
TRANSIST 2200 IR	6.3
FROGHAIR II IR	5.3
TRANSEZE IR	5.3
LSD (0.05)	1.4

SEEDLING VIGOR†

PANTERRA AR	7.7
TRANSEZE IR	7.0
AMERICUS PR	6.7
MACH 1 PR	6.3
PLAYMATE PR	6.0
LSD (0.05)	1.2

DENSITY/VIGOR OCT 28‡

PANTERRA AR	7.7
TRANSIST 2200 IR	6.7
TRANSEZE IR	6.0
FROGHAIR II IR	5.3
BRIGHTSTAR II PR	4.7
LSD (0.05)	1.3

VISUAL COLOR, OCT 28‡

AMERICUS PR	7.7
PANTERRA AR	5.3
TRANSEZE IR	5.0
PLAYMATE EZ PR	5.0
GULF AR	4.0
LSD (0.05)	1.2

% BERMUDA GRASS COVER AFTER TRANSITION - JUNE*

PANTERRA AR	96
TRANSEZE IR	93
GULF AR	91
HARBOUR IR	85
MACH 1 PR	79
LSD (0.05)	14

† Mississippi State University, Golf Fairway Overseeding Test, 2002-2003 ‡ University of Arizona, Overseeding Turf Trials, 2002-2003

* University of Florida, Fairway Overseeding Trial, 2002-2003 AR=Annual Ryegrass; PR=Perennial Ryegrass; IR=Intermediate Ryegrass; RB=Roughstalk bluegrass