

## Suggested Seeding Rates and Planting Dates with Drill

Species	Seeding Rates (Per Acre)	Planting Dates
Alfalfa	20-25 lbs.	9/1 - 10/1
Bermudagrass (common Alicia)	8 lbs	5/1 - 6/1
Dallisgrass (live pure seed)	5-8 lbs.	3/15 - 6/1
Tall Fescue	15-20 lbs.	3/1 - 5/1 or 8/1 - 10/1
Orchardgrass	15-25 lbs.	3/1 - 4/1 or 8/1 -10/1
Lespedeza (Serecia or Kobe)	30-40 lbs.	3/1 - 6/1
Annual Lespedeza	40 lbs.	3/1 - 6/1
Arrowleaf Clover (scarified seed)	8-10 lbs.	9/1 - 10/15
Amclo, Yuchi, Meechee	8-10 lbs.	9/1 - 10/15
Ball Clover	2-4 lbs.	9/1 - 10/15
Crimson Clover (Tibbee, Dixie)	15-20 lbs.	9/1 - 10/15
Red Clover	10-15 lbs.	9/1 - 10/15
White Clover	3-4 lbs.	9/1 - 10/15
Ryegrass	20-30 lbs.	8/15 - 11/15
Rye	2-3 bu.	8/15 - 10/1
Wheat	2-3 bu.	9/15 - 11/1
Oats	3-4 bu.	8/1 - 11/1
Soybeans	*3/4 - 1 1/4 bu.	5/15 - 6/15
Millets	*20-25 lbs.	5/15- 7/15
Sorghums	4-5 lbs.	5/15/- 7/1

Seeding rates depend upon row spacing and size of seed.

Use lower rates when establishing grass-legume mixtures.  
These are Natural Resources Conservation Service recommendations.

The United States Department of Agriculture (USDA) and the Limestone Valley RC&D Council, Inc., both prohibit discrimination in their programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA and the Limestone Valley RC&D Council, Inc., are equal employment opportunity employers.



Limestone Valley RC&D Council  
55 Quartermaster Circle  
Fort Oglethorpe, Georgia 30742  
Ph. (423)309-7718 - David  
Matteson



THE UNIVERSITY OF GEORGIA  
**COOPERATIVE  
EXTENSION**  
College of Agricultural and Environmental Sciences  
College of Family and Consumer Sciences



## No -Till Equipment

Available to you from the  
Limestone Valley RC&D Council



Equipment provided through a cooperative  
program with the following organizations:  
Limestone Valley Resource Conservation  
and Development Council, Inc.

The Limestone Valley  
Coosa River & Catoosa County  
Soil & Water Conservation Districts

The Georgia Soil & Water  
Conservation Commission

The Georgia Environmental  
Facilities Authority

UGA Cooperative Extension Service

Natural Resources Conservation Service

## To Schedule No-Till Equipment

Call the nearest no-till custodian below

Catoosa	James Lyles	(423) 227-7929
Chattooga	D&E Hardware & Farm Supply - Jerri Massey	(706) 862-2002
Gordon	Mike Rice	(706) 625-9463
Murray	Murray Feed & Seed, Inc. - Brad Ridley	(706) 635-7490
Walker	Betts Berry @ Saddle Ridge Elementary	(423) 598-3867
Whitfield	Wilburn Dycus	(706) 673-5294
Pickens	David Tippins	(407) 281-7027

### For more information on No-Till Cultivation, contact:

The county offices for the Natural Resources Conservation Service, the Farm Services Agency, The Cooperative Extension Service, or your local soil and water conservation district supervisor.

For additional information on the No-Till Drill Program or other programs of the Limestone Valley RC&D Council, Inc., call (423)309-7718 or [www.limestonevalley.org](http://www.limestonevalley.org).

## What is Conservation Tillage Using No-till Planting?

Conservation tillage is a way to plant crops without plowing or by minimum tilling the soil. The No-Till planting system leaves the soil and crop residues undisturbed with the exception of the area where the seed is placed in the ground.

The No-Till program saves energy as well as time. To plant a pasture by traditional methods, farmers are required to make four or five trips across a field using about five gallons of fuel per acre. The No-Tillage method involves only one trip requiring about 1/2 gallon of fuel per acre. A no-Till drill will cut a shallow slit in the soil, deposit the seed, and covers the seed all in one trip!

The program also saves soil, protects water quality, and improves fertility by keeping soil and crop residues in the field. Conservation tillage using the No-Till drills can reduce erosion up to 95 percent compared with conventional plowing, disking and harrowing for seedbed preparation. Many farmers have achieved higher yields using conservation tillage.



## Equipment Operation Procedures and Guidelines

The Limestone Valley RC&D Council, Inc. and the Soil and Water Conservation Districts (S&WCD) adopted the following operation procedures for the rental of No-Till equipment.

1. No fertilizer will be applied with no-till equipment.
2. No-till drills are available at a minimum charge to be operated by the landowner.
3. Acreage planted is determined by a meter on the planter and charges will be made accordingly.
4. The landowner is responsible for having seed available at the planting site at the time specified by the custodian.
5. A rental agreement which includes a charge for operation and maintenance of equipment must be signed before work can begin.
6. Seeds will be planted at a rate desired by the land owner. The Limestone Valley RC&D, S&WCDs and custodians are not responsible for germination of seed planted or stand loss.
7. The lessee is responsible for damage to equipment that is not deemed by the Council as regular wear.
8. Contact your custodian for equipment available in your county or call for information on no-till drill custodians in other counties.

## Program History

The Georgia RC&D Council proposed an energy savings program to the Georgia Office of Energy Resources. Proposed was the use of funds from the federal oil overcharge program to purchase no-tillage equipment. The equipment would be made available to landowners in Georgia to reseed pastures, which would result in the savings of energy in applying these needed conservation practices.

No-till program funds came through the State Soil and Water Conservation Commission and the Georgia Environmental Facilities Authority to the RC&D Councils. The Council purchased No-Till drills for use in cooperation with Soil and Water Conservation Districts in the RC&D area and adjoining counties.

