

# SC Certified Seed & Approved Conditioner Directory Summer 2024

**FOR FALL SEEDED CROPS**



South Carolina Seed Certification Services  
Clemson University  
511 Westinghouse Road  
Pendleton, SC 29670  
(864) 646-2132



**SOUTH CAROLINA  
SEED CERTIFICATION**

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**S.C. APPROVED CERTIFIED SEED CONDITIONING PLANTS**

The following facilities have been inspected and approved for conditioning South Carolina Certified Seed in 2022-2023:

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Boar Branch Seed, LLC	1100 Williams Road, Clarendon, SC 28432	(910) 840-2935
Little Mill Seed, LLC	367 Arnette Road, Dillon, SC 29536	(843) 841-7373
Mars Bluff Seed Company, LLC	5027 E. Old Marion Hwy, Florence, SC 29506	(843) 668-6730
McLeod Farms Inc.	25455 Hwy. US 1, McBee, SC 29101	(843) 335-7501
Robert E. Moore III Farms, LLC	1346 W. Carolina Ave.	(843) 307-4323
SC Crop Improvement Association	191 Old Cherry Road, Clemson, SC 29634	(864) 933-2659
Sharp & Sharp Certified Seed	187 Seed Place, Allendale, SC 29810	(803) 584-2357
Weathers Farm Supply	383 Cowtail Road, St. George, SC 29477	(843) 563-3766

### **CERTIFIED SEED GROWERS**

<b>Name</b>	<b>Address</b>	<b>Telephone</b>
Ag South Genetics	1113 Pretoria Road, Newton, GA 39870	(229) 734-7419
Boar Branch Seed, LLC	1100 Williams Road, Clarendon, SC 28432	(910) 840-2935
Griffin Seed Cleaning	8526 Hwy. 74 East, Marshville, NC 28103	(704) 624-2704
Choice Ag, LLC	121 Bay Street, Dillon, SC 29565	(843) 841-7373
Lebanon Seed Company	401 Five Forks Road, Anderson, SC 29621	(864) 261-6381
Mars Bluff Seed Company, LLC	5027 E. Old Marion Hwy, Florence, SC 29506	(843) 668-6730
McLeod Farms Inc.	25455 Hwy. US 1, McBee, SC 29101	(843) 335-7501

Robert E. Moore III Farms, LLC	1346 W. Carolina Ave.	(843) 307-4323
SC Crop Improvement Association	191 Old Cherry Road, Clemson, SC 29634	(864) 506-5384

## **KEY**

### **F- FOUNDATION R- REGISTERED C- CERTIFIED**

The use of numbers preceding variety names in this publication indicates the following:

<sup>1</sup>U.S. Protected Variety- Unauthorized Propagation Prohibited

<sup>2</sup>U.S. Protected Variety- Unauthorized Propagation Prohibited- To be Sold By Variety Name Only as a Class of Certified Seed.

<sup>3</sup>U.S. Protected Variety- (PVPA 1994 Amendment)- Unauthorized Propagation Prohibited

<sup>4</sup>U.S. Protected Variety- (PVPA 1994 Amendment)- Unauthorized Propagation Prohibited- To Be Sold by Variety Name Only as a Class of Certified Seed.

<sup>5</sup>U.S. Plant Variety Protection (PVPA 1994 Amendment) Applied For Unauthorized Propagation Prohibited

<sup>6</sup>U.S. Patented Variety- Unauthorized Propagation is Prohibited.

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**BARLEY**

**Thoroughbred**

**Technical Abstract:** 'Thoroughbred' is a high yielding, awned, six-rowed, hulled winter-feed barley (*Hordeum vulgare* L.) that was developed and released May 2003 by the Virginia Agricultural Experiment Station. Thoroughbred is well-adapted to winter barley production areas across the mid-Atlantic and southeastern regions of the United States. The name Thoroughbred was selected to denote the superior seed quality of this cultivar, which produces exceptionally bright plump kernels in warm humid environments of the East Coast. Thoroughbred was derived from a cross between VA90-44-110 and 'Plaisant' (PI 584894). The pedigree of the female parent VA90-44-110 is CIho 8618/'Surry'/'Sussex'/3/'Henry', 'Maury', VA79-44-167 (1,2,3,4). CIho 8618 (PI 178381) is an awned winter barley accession from Turkey that was used as a source of resistance to scald [caused by *Rhynchosporium secalis* (Oudem.) J.J. Davis].

<b>Name</b>	<b>County</b>	<b>Acres</b>	<b>Class</b>
SC Crop Improvement Association	Pickens	6.2	F

**OATS**

**GRAHAM OAT**

GRAHAM IS A MID-LATE MATURITY OAT THAT MATURES APPROXIMATELY EIGHT DAYS LATER THAN BROOKS. THIS STRAIN IS A MEDIUM SHORT LINE (~32 IN.). IN THE SOUTH CAROLINA OAT OFFICIAL VARIETY TRIAL, 2001, IT AVERAGED THREE INCHES SHORTER THAN BROOKS (35.5 IN.). IN THE 2004 USDA UNIFORM WINTER OAT NURSERY THE LODGING RATINGS FOR SC961246 AVERAGED 0.8 COMPARED TO 1.9 AND 1.8 FOR RODGERS AND HARRISON RESPECTIVELY. (LODGING SCALE 0 = GOOD LODGING RESISTANCE AND 9 = POOR). TEST WEIGHT AVERAGED 32.2 COMPARED TO 31.9 FOR RODGERS.

<b>Name</b>	<b>County</b>	<b>Acres</b>	<b>Class</b>
Boar Branch Seed	Clarendon, NC	15	F
SC Crop Improvement Association	Pickens	17.10	F
Lebanon Seed	Anderson	16	C

## Brooks

**BROOKS** was released by the North Carolina Agricultural Research Service. It is a medium early variety that has medium height, excellent yield, and fair lodging resistance. It has good winter hardiness. Brooks has tolerance to Barley Yellow Dwarf Virus and good resistance to soil-borne mosaic. It has poor resistance to crown rust. This variety offers a new level of overall protein production; data indicates at least 25% advantage in pounds of protein per acre over most other varieties. Good smut resistance.

Name	County	Acres	Class
Boar Branch Seed	Clarendon, NC	15	F

## SCLA0100214

In South Carolina, SCLA0100214 has medium maturity, with an average 50% heading date of 4/17, which is similar to Graham. Further, SCLA0100214 reaches 50% heading at 106 Julian days. This oat reaches a plant height of 108 cm at physiological maturity, which is 3 cm taller than Graham. SCLA0100214 resists lodging under most common environmental conditions. It is moderately resistant to leaf blotch caused by *Pyrenophora avenae* and is susceptible to prevalent crown rust races. SCLA0100214 has a comparable yield and test weight to Graham. Refer to tables 1-11 for complete agronomic and yield data.

Name	County	Acres	Class
SC Crop Improvement Association	Pickens	5.9	F
AGSouth Genetics	Allendale	330	C
AGSouth Genetics	Allendale	55	R

## WHEAT

### Hillard Wheat

## U.S. Variety Protection Applied For

Hilliard Wheat was developed at VA Tech. The name was selected in honor of the developer's mother, Joy A. Hilliard, whose support, altruism, and love of gardening and plants has and continues to provide inspiration to excel. It is a broadly adapted, high yielding, mid-season, medium height, semi-dwarf soft, red, winter wheat. Plant stem and spike color are green, and its spikes are awned. In Virginia, head emergence of Hilliard has been most similar to that of Southern States Brand 8412. It is 3 to 4 days later than "Jamestown", and 1 day earlier than "Shirley". Hilliard is resistant to powdery mildew, and moderately resistant to leaf rust. Hilliard has superior baking quality.

Name	County	Acres	Class
SC Crop Improvement Association	Pickens	14	F
Choice Ag, LLC	Dillon	126	C

### AGS 2024:

Awned, Medium maturing, and Heavy Test Weight\*. Resistant to Stripe Rust, SBMV, Leaf Rust, and Powdery Mildew. MR to glume blotch, Hessian fly, and BYD.

AGSouth Genetics	Allendale	75	C
AGSouth Genetics	Allendale	75	R

### **AGS 3040 (GA14E53)**

**AGS 3040 (GA14E53)** is a high grain yielding, awnletted, excellent test weight, and medium height line. It has a medium/late maturity with a semi-erect juvenile plant growth habit. At the boot stage, it is green plant color and flag leaves are not erect and not twisted. Spikes are oblong and mid dense. GA14E53 has good resistance to leaf rust, stripe rust, powdery mildew and wheat soil-borne mosaic virus resistance. GA14E53 has good Hessian fly resistance to current predominately biotypes in Georgia. **US PLANT VARIETY PROTECTION APPLIED FOR.**

Name	County	Acres	Class
AgSouth Genetics	Allendale	95	R

### **USG 3451**

**USG 3451 / L11919** was released by UniSouth Genetics, Inc. It is a medium early maturity soft red winter wheat. It is an awnless, medium height plant with excellent resistance to stripe rust and to powdery mildew. It has shown good resistance to leaf rust. It has excellent winter hardiness and field tillering with good standability. **US PLANT PATENT**

Name	County	Acres	Class
Boar Branch	Clarendon, NC	25	QA

### **USG 3536**

USG 3536 *was released by UniSouth Genetics, Inc. It is a medium early maturity soft red winter wheat. It is an awned, medium tall plant with great resistance to stripe rust, and scab. It also has good resistance to powdery mildew, leaf rust, glume blotch, soil-borne mosaic virus, Barley Yellow Dwarf Virus, and Hessian fly bio type L. It has excellent test weights, winter hardiness and standability. This variety is widely adapted in the wheat growing region.* US PLANT PATENT

Name	County	Acres	Class
Boar Branch Seed	Clarendon, NC	5	QA

### TRITICALE

**342**

Licensed by Florida Foundation Seed Producers, Inc. on behalf of the Florida Agricultural Experiment Station and the University of Georgia Research Foundation  
 Early maturing triticale cultivar. Mid-tall plant height (average plant height of 46.7"). Heads are awned and white in color. '342' is 2-4 days later in heading than 'Sunland' and averages 7" taller than 'Sunland'.

**VARIANTS:** Taller plants; **FREQUENCY:** Up to 1%; **PVP STATUS:** PVP issued (No. 200600020), unauthorized propagation prohibited. NO Title V.

Name	County	Acres	Class
Robert E. Moore III Farms, LLC	Darlington	540	C

### RYE

#### **WRENS ABRUZZI**

Wrens Abruzzi was released to growers in 1953 and has been the predominant rye variety in Georgia since that time. Through many years of natural selection, the Wrens strain of Abruzzi rye has become well adapted to the southeastern U. S. conditions. Wrens is an early maturing strain of Abruzzi, which produces an abundance of early winter forage. It is a hardy variety, adapted to all regions of the state. Earliness and a tolerance to several diseases make Wrens Abruzzi more desirable than northern type varieties. Forage and grain production has been high over a period of many years in the Piedmont and Coastal Plain. NAME ACRES CLASS Georgia Seed Development 31 F R & R Seed Farms, Inc. 31 R R & R Seed Farms, Inc. 201 C

Name	County	Acres	Class
McLeod Farms Inc.	Chesterfield	893.62	C



## **SEED CERTIFICATION STAFF**

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