

Virginia Crop Improvement Association, Inc.

Officers

William H. Dawson, Jr..... President
Michael Drake..... Vice-President
Thomas H. Hardiman..... Secretary/Treasurer

Directors

	Term Expires
William H. Dawson, Jr., Heathsville.....	2017
Mark Simmons, Franklin.....	2017
Mark Phillips, Franklin.....	2017
Hilton Hudson, Alton	2015
Jimmy Laine, Wakefield	2015
Franklin Hundley, Champlain.....	2015
Michael Drake, Newsom.....	2016
Arthur Duke, Charles City.....	2016
Paul Rogers, III, Wakefield.....	2016
Dr. Wade E. Thomason, Blacksburg	Appointed
Dr. Daniel E. Brann, Blacksburg.....	Honorary
Dr. Robert L. Harrison, Blacksburg.....	Honorary
David L. Whitt, Aylett.....	Honorary

Certification Office

9225 Atlee Branch Lane
Mechanicsville, VA 23116
Telephone: 804-746-4884
Fax: 804-746-9447
Website: www.virginiacrop.org

VCIA Foundation Seed Farm

P. O. Box 78
4200 Cople Highway
Mt. Holly, Virginia 22524
Telephone: 804-472-3500
Fax: 804-472-4649
E-mail: bbeahm@rivnet.net

Foreword

The Virginia Crop Improvement Association (VCIA) is a nonprofit educational and service organization officially recognized as the seed certifying agency in Virginia for maintaining varietal identity and mechanical purity of improved crops. Certification is a system of records, inspections, and standards conducted with the cooperation and supervision of seed growers, seedsmen, the Extension and Research Division of VA Tech, the Virginia Department of Agriculture and Consumer Services, and the Virginia Certified Seed Board. VCIA is a member of the Association of Official Seed Certifying Agencies (AOSCA), an organization composed of agencies responsible for seed certification in the United States and internationally.

Notice to Buyers

The crops listed in this book represent those approved at the field inspection level. Final certification is not complete until after a representative and cleaned seed sample has passed a complete laboratory analysis. All inquiries and purchases of certified seed should be made directly from the producers listed in this directory. It is the producer's responsibility to supply seed representative of the seed submitted and approved for certification by the VCIA. It is recommended that the buyer examine the seed and analysis tag before all seed is purchased. **All seed sold as certified seed must have an official certified tag attached or it is not certified seed.**

The VCIA can assume no financial responsibility for the seed listed in this directory or for disagreements over sales which may arise from this list. However, any seed purchased or delivered not meeting certification standards should be brought to the attention of the Secretary-Treasurer of the Association.

Variety descriptions contained in this Directory are based on research information available at the time of release. For the most current updates on disease resistance, please refer to the Cooperative Extension Publications, the Virginia Tech Website (www.vt.edu), or private company variety information.

Plant Variety Protection Act

The following varieties have either been applied for protection or are protected under the U.S. Plant Variety Protection Act (PVPA). The PVPA provides the owner of the variety the exclusive right to reproduce and market the variety. Any person who sells uncertified seed of varieties covered by PVP, Title V, of the Federal Seed Act is breaking Federal and State law. "Unauthorized Propagation is Prohibited" for the following varieties listed in this directory:

Barley

Atlantic*

Amaze 10 Hulless*

Secretariat*

Thoroughbred

Triticale

Trical 815

SS 1414*

Wheat

Featherstone 73*

Featherstone 176

Jamestown

MPV 57

Merl

Wheat

5205

8404

SS 8412

SS 8415

SS 520

SS 8340

Southern Harvest 3200*

Wheat

Shirley

USG 3120

USG 3555

VA-258

Wheat

Yorktown*

Vision 30*

Vision 45*

* PVPA Applied For

**VIRGINIA CROP IMPROVEMENT ASSOCIATION SEED PRODUCERS
2014 Fall Planting**

A

Avalon Farm.....272 Sydnors Millpond Rd, Heathsville, VA 22473..... 804-366-3187

B

Bass Sod Farm.....2703 Pigeon Run Road, Gladys, VA 24554..... 434-994-1970

Brodnax Seed Company..... Rt. 58 West, P.O. Box 97, Brodnax, VA 23920..... 434-729-9555

C

Carlton, J & D, Farms, Inc.....24524 The Trail, Mattaponi, VA 23110..... 804-785-5197

Chantilly Turf Farms, Inc.....41922 John Mosby Hwy., Aldie, VA 20105..... 703-327-0908

Crop Production Services.....289 Woodrun Dr., Ridgeland, MS 39157..... 601-573-0357

F

Farmers Rest Farm, Inc.....11801 Farmers Rest Road, Charles City, VA 23030..... 804-241-5629

Featherstone Farm.....13941 Genito Rd., Amelia, VA 23002..... 804-561-3754

Featherstone Seed, Inc.....13941 Genito Rd., Amelia, VA 23002..... 804-561-3754

Franklin Turfgrass, Inc.....408 River Road, Franklin, VA 23851..... 757-569-8873

Frog Hollow Sod Farm, Inc.1220 Horse Landing Rd, King William, VA 23086..... 804-769-3700

G

Green Sprig Ag Services..... 5688 Old Forge Rd., Rocky Mt., VA 24151..... 540-420-1639

H

Hill View Farm..... 1324 Clearview Drive, Danville, VA 24540..... 434-685-7921

Hudson, Hilton C.....1008 White Lane, Alton, VA 24520..... 434-753-6710

Hundley Seed Company.....Rt. 17, P. O. Box 93, Champlain, VA 22438..... 804-443-8206

K-L

Kettle Wind Farm, LLC1261 Morla Lane, Nokesville, VA 20181..... 703-499-0187

Lavery Sod Farm.....P. O. Box 387, Shawsville, VA 24162..... 540-268-1220

M

Meadowspring Turf, LLC.....17820 The Glebe Lane, Charles City, VA 23030.....804-829-2696

Mennel Milling Company.....P. O. Box 806, Fostoria, Ohio 44830..... 419-435-8151

Mid-Atlantic Seeds, Inc.204 St. Charles Way, #163E, York, PA 17402..... 717-852-8894

Miller Milling Company.....7808 Creekridge Circle, Bloomington, MN 55439..... 952-826-6331

O-P

Old Church Sod Farm.....13101 Old Church Road, New Kent, VA 23124..... 804-381-3851

R

Renwood Farms, Inc.....17303 Sandy Point Rd., Charles City, VA 23030..... 804-829-2450

Riverside Turf18201 Sandy Point Rd., Charles City, VA 23030 804-829-2608

S

Southern States Cooperative.....6606 West Broad St., Richmond, VA 23230..... 804-281-1440

V

VCIA Foundation Seed Farm.....P. O. Box 78, Mt. Holly, VA 22524..... 804-472-3500

Virginia Beef Corporation.....1215 James Madison Hwy., Haymarket, VA 22069..... 703-754-8873

Virginia Identity Preserved Grain, LLC....P. O. Box 161, New Kent, VA 23124..... 804-840-1751

W

Woods, E. C. C., Jr.....6033 River Road, Hanover, VA 23069..... 804-746-3390

Woodward Turf Farms, Inc.14206 Lewis Lane, Remington, VA 22734..... 540-727-0020

Amaze 10 Hulless Barley
U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
New Kent	Virginia IP Grain, LLC, New Kent	804-840-1751	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-482-3500	F

Atlantic Barley

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	R
Amelia	Featherstone Farm, Amelia	804-561-3754	C
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	R
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	C
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	C
Essex	Hundley Seed Company, Champlain	804-443-8206	R
Essex	Hundley Seed Company, Champlain	804-443-8206	C
King & Queen	Carlton, J & D Farms, Inc., Mattaponi	804-785-5197	R
King & Queen	Carlton, J & D Farms, Inc., Mattaponi	804-785-5197	C
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	R
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	C
Pittsylvania	Hill View Farm, Danville	434-685-7921	R
Pittsylvania	Hill View Farm, Danville	434-685-7921	R
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Barsoy Barley

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Renwood Farms, Charles City	804-829-2450	C

Dan Hulless Barley

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Hanover	Woods, E. C. C., Jr., Hanover	804-746-3390	C

Endeavor Barley

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Northumberland	Avalon Farm, Heathsville	804-366-3187	R
Northumberland	Avalon Farm, Heathsville	804-366-3187	C

Nomini Barley

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Essex	Hundley Seed Company, Champlain	804-443-8206	R
Essex	Hundley Seed Company, Champlain	804-443-8206	C
Franklin	Green Sprig Ag Services, Rocky Mt., VA	540-420-1639	R
Franklin	Green Sprig Ag Services, Rocky Mt., VA	540-420-1639	C
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	R
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	C
Pittsylvania	Hill View Farm, Danville	434-685-7921	R
Pittsylvania	Hill View Farm, Danville	434-685-7921	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Secretariat Barley

U. S. Variety Protection Applied For

<u>County</u>	<u>Name</u>	<u>Telephone #</u>	<u>Class</u>
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Thoroughbred Barley

U. S. Protected Variety

Can only be sold as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	R
Amelia	Featherstone Farm, Amelia	804-561-3754	C
Essex	Hundley Seed Company, Champlain	804-443-8206	R
Essex	Hundley Seed Company, Champlain	804-443-8206	C
Northumberland	Avalon Farm, Heathsville	804-366-3187	R
Northumberland	Avalon Farm, Heathsville	804-366-3187	C
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	R
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	747-852-8894	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Brooks Oats

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	R
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	C
Pittsylvania	Hill View Farm, Danville	434-685-7921	R
Pittsylvania	Hill View Farm, Danville	434-685-7921	C

Coker 716 Oats

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Brunswick	Brodnax Seed Company, Brodnax	434-729-9555	C

Trical 815 Triticale

U. S. Protected Variety

<u>County</u>	<u>Name</u>	<u>Telephone #</u>	<u>Class</u>
Franklin	Green Sprig Ag Services, Rocky Mount, VA	540-420-1639	C

SS 1414 Triticale

U. S. Variety Protection Applied For

<u>County</u>	<u>Name</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

12V51 Wheat

<u>County</u>	<u>Name</u>	<u>Telephone #</u>	<u>Class</u>
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

5205 Wheat
U. S. Protected Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

8404 Wheat
U. S. Protected Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

Dyna-Gro 9012 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	QA

Dyna-Gro 9042 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	QA

Dyna-Gro 9171 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	QA

Dyna-Gro 9223 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	QA

Dyna-Gro 9343 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	QA

Featherstone 73 Wheat
U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Seed, Inc., Amelia	804-561-3754	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Featherstone 176 Wheat
U. S. Protected Variety
Can be sold only as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Seed, Inc., Amelia	804-561-3754	C

Jamestown Wheat

U. S. Protected Variety

Can be sold only as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	C
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	C
Essex	Hundley Seed Company, Champlain	804-443-8206	C
Halifax	Hudson, Hilton, Alton	434-753-6710	C
King & Queen	Carlton, J & D Farms, Inc., Mattaponi	804-785-5197	C
Pittsylvania	Hill View Farm, Danville	434-685-7921	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

MAS #2 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	QA

MAS #6 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	QA

MAS #7 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	QA

MAS #10 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pennsylvania (State of)	Mid-Atlantic Seeds, Inc., York, PA	717-852-8894	QA

Merl Wheat

U. S. Protected Variety

Can be sold only as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	C
Halifax	Hudson, Hilton, Alton	434-753-6710	C
King & Queen	Carlton, J & D Farms, Inc., Mattaponi	804-785-5197	C
Pittsylvania	Hill View Farm, Danville	434-685-7921	C
Westmoreland	VCIA Foundation Seed Farm	804-472-3500	F

MPV 57 Wheat

U.S. Protected Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

NIDERA 21 Wheat

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

SS 520 Brand Wheat (Variety 38158) *U. S. Protected Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

SS 8340 Brand Wheat (Variety 111301W) *U. S. Protected Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

SS 8412 Brand Wheat (Variety 2013412) *U. S. Protected Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

SS 8415 Brand Wheat (Variety 72014415) *U. S. Protected Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

SS 8500 Brand Wheat (Variety WB249) *U. S. Patented Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Southern States Cooperative, Richmond	804-281-1440	C

Shirley Wheat

U. S. Protected Variety
Can be sold only as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Southern Harvest 3200 Wheat *U. S. Variety Protection Applied For*

<u>County</u>	<u>Name</u>	<u>Telephone #</u>	<u>Class</u>
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

USG 3013 Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	QA
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA

USG 3120 Wheat
U. S. Protected Variety
Can be sold only as a class of Certified seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	C
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	C
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	C

USG 3201 Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA
Essex	Hundley Seed Company, Champlain	804-443-8206	QA

USG 3251Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	QA
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	QA
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA
Essex	Hundley Seed Company, Champlain	804-443-8206	QA

USG 3315 Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA

USG 3404 Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA

USG 3438 Wheat
U. S. Patented Variety

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	QA
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA

USG 3555 Wheat*U. S. Protected Variety**Can be sold only as a class of Certified seed*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	C
Charles City	Renwood Farms, Inc., Charles City	804-820-2450	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

USG 3612 Wheat*U. S. Patented Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	QA
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA
Essex	Hundley Seed Company, Champlain	804-443-8206	QA

USG 3993 Wheat*U. S. Patented Variety*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Farm, Amelia	804-561-3754	QA
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	QA

VA-258 Wheat*U. S. Protected Variety**Can be sold only as a class of Certified seed*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Amelia	Featherstone Seed, Inc., Amelia	804-561-3754	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Vision 30 Wheat*U. S. Variety Protection Applied For*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Ohio (State of)	Mennel Milling Company, Fostoria, Ohio	419-435-8151	
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Vision 45 Wheat*U. S. Variety Protection Applied For*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Ohio (State of)	Mennel Milling Company, Fostoria, Ohio	419-435-8151	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Yorktown Wheat*U. S. Variety Protection Applied For*

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Retail Stores	Crop Production Services, Ridgeland, MS	601-573-0357	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

VARIETY DESCRIPTIONS

Amaze 10 Hulless Barley Variety Description

U. S. Variety Protection Applied For

Amaze 10 is a moderately early heading, long awned, six-row, winter hulless barley, having white seed color, high grain yield, and good straw strength. Average grain yields have been 95 bushels per acre. Average plant height is 36". Winter hardiness is better than average. Amaze 10 has a high grain protein concentration which should make it superior in nutritional value as a feed grain. As a feed grain, it is superior overall in comparison to other hulless cultivars.

Atlantic Barley Variety Description

U. S. Variety Protection Applied For

Atlantic is a high-yielding, moderately early heading, short stature, six-row winter barley having high test weight and good winter hardiness. Average plant height is 33". Atlantic is resistant to powdery mildew and moderately resistant to leaf rust. Average grain yields have been 92 to 97 bushels per acre. Atlantic barley is a potential commodity for fuel ethanol, feed, and food production, providing grain of superior end-use quality and marketability.

Barsoy Barley Variety Description

Barsoy is a six-rowed, rough-awned, winter barley. Plants are early maturing and stiff strawed, with short semi-prostrate early growth. The short, narrow, upright leaves have glabrous leaf sheaths and white auricles. Barsoy has high weight per bushel. In addition to normal use, this barley can be used in a double cropping program with soybeans. This is the reason the name "Barsoy" was selected. Standability is excellent threshing quality is good. It has some resistance to mildew and is susceptible to loose smut. Earliness enables Barsoy to escape other disease or to have less damage.

Dan Hulless Barley Variety Description

Dan is a short stature, full season, long awned, six-row winter hulless barley having good winter hardiness, straw strength, and very high test weight and grain starch concentration. It is named in recognition of Dr. Daniel E. Brann, Professor Emeritus and former Grains Extension Specialist at Virginia Tech. It is a potential commodity for fuel ethanol, food, and feed production. It is highly resistant to both barley leaf rust race 8 and race 30. Dan has moderate resistance to powdery mildew and net blotch, and expressed resistance to Fusarium Head Blight. Dan has performed well in tests conducted in Georgia, South Carolina, North Carolina, Kentucky, Delaware, Virginia, Maryland, Nebraska, and southeastern Texas.

Endeavor Barley Variety Description

Endeavor barley is the second two-row winter malt variety released by the USDA-ARS and the IAES. It has excellent test weight and plumps, and has improved yield over the first two-row winter malt variety, Charles, that was previously released. It is average for heading date, height, and lodging. Endeavor will provide producers with a variety with a good malt profile. It has high levels of malting enzymes and is expected to be adapted to both irrigated and dry land regions. It has winter hardiness.

Nomini Barley Variety Description

Nomini is an early maturing, medium tall, six-row, awnletted, winter feed barley with compact spikes. Head emergence is approximately five days earlier than Boone and two days earlier than Wysor. Plant height is similar to Boone and Wysor, and stand ability is equal to or better than that of those cultivars. Nomini has good winter hardiness but is not as hardy as Wysor. Field resistance to mildew, scald, net blotch, spot blotch, and barley yellow dwarf is good and is similar to that of Wysor. Nomini is moderately susceptible to the prevalent leaf rust races.

Secretariat Barley Variety Description

U. S. Variety Protection Applied For

Secretariat is a high-yield, high test weight, moderately early heading, short stature, six row winter barley having good winter hardiness. The spikes of Secretariat are erect, strap, and slightly waxy with no overlapping lateral kernels and short awns. It is a potential commodity for feed, food, and fuel ethanol production. Grain of Secretariat is superior overall to those of many hulled varieties. It is resistant to all of the prevalent diseases in the eastern U.S. except for Fusarium Head Blight.

Thoroughbred Barley Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Thoroughbred is a high yielding, full season, awned, six-row hulled winter feed barley having very good straw strength, high test weight and bright plump seed. On average, head emergence of Thoroughbred is 2 days later than Wysor, 4 days later than Nomini and Price, and 6 days later than Callao. Average plant height is 3 - 4 inches taller than Callao and Price, and 3 - 4 inches shorter than Wysor and Nomini. Straw strength is similar to those of Price and Nomini, and better than those of Wysor and Callao. As a feed grain and rotational crop, Thoroughbred is superior to Nomini and Callao. Thoroughbred is highly susceptible to powdery mildew and needs scouting for possible fungicide application. It is moderately susceptible to leaf rust and net blotch.

Brooks Oat Variety Description

Brooks is a medium early variety released by the North Carolina Agricultural Research Service. It 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.

Coker 716 Oat Variety Description

Coker 716 is a midseason oat variety of medium height released by Coker Pedigreed Seed Company and marketed by Syngenta Seeds, Inc. It is high yielding, with good winter hardiness and medium test weight. It carries good resistance to soil borne Mosaic, but poor resistance to Crown rust. It is adapted to the Piedmont and Coastal Plains.

SS 1414 Triticale Variety Description

U. S. Variety Protection Applied For

SS 1414 is a mid-tall variety of Triticale with yellow-green color. It is an early maturing variety. Spikes are 0.5% short-awned, and plants are up to 0.5% tall.

Trical 815 Triticale Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Trical 815 is an awned winter annual cereal forage that has higher protein for high nutrition forage quality for lactating cows. This variety, along with Trical 336 is also the earliest to boot stage in the spring. It has strong winter hardiness. It has good yield potential during seasons with a cool spring. It exhibits a very dense canopy of long leaves designed to be used in double crop systems that intend to maximize annual forage production. It has a very high leaf-to-stem ratio and at the mid and late boot stage exhibits a high nutritional value. Trical 815 has a semi-erect growth habit.

12V51 Wheat Variety Description

12V51 soft red winter wheat is a short height semi-dwarf, mid-season maturity, broadly adapted, and high yielding variety. It has expressed moderate to high levels of resistance to the most prevalent wheat diseases in the eastern U.S. with the exception of stripe rust and stem rust. Most notably, it provides producers in the eastern U.S. with a cultivar having resistance to leaf rust and glume blotch. It has exhibited good milling and pastry baking qualities and overall has superior quality.

5205 Wheat Variety Description

U. S. Protected Variety

5205 is a soft red winter wheat cultivar that is broadly adapted, high yielding, short stature, mid-season maturity, and has very good milling and pastry baking quality. Straw color is initially light red to purple at maturity and the apically awnletted tapering spikes are white to creamy in color. It is moderately resistant to powdery mildew and highly resistant to stripe rust and leaf rust. Its reaction to Wheat Spindle Streak Mosaic Virus and Soil Borne Mosaic Virus has been moderate.

8404 Wheat Variety Description

U. S. Protected Variety

8404 is a medium maturity soft red winter wheat variety that has a combination of high yield and high test weight on strong medium-short straw. It has very good winter survival with good general disease resistance, plus resistance to biotype E Hessian fly. 8404 is recommended for high yield environments in the mid-south.

Featherstone 73 Wheat Variety Description

U. S. Variety Protection Applied For

Featherstone 73 is a soft, red, winter wheat with semi-erect juvenile plant growth. Plant color is blue-green at boot stage. Anther color is yellow. Average ear emergence is 125+ days. Plant height averages 86 cm. At maturity, head is mid-dense with strap shape, erect, and apically awnletted. Glume color at maturity is white and glume length is medium. Seed shape is oval and red in color with a soft texture. Featherstone 73 is resistant to Leaf Rust, Powdery Mildew, and Barley Yellow Dwarf Virus. It is susceptible to Stem Rust and Soil borne Mosaic Virus. It is susceptible to Hessian Fly Biotypes B, C, D, L, and O.

Featherstone 176 Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Featherstone 176 is a broadly adapted, high yielding, moderately-early heading, medium stature, awnletted, soft red winter wheat. Average plant height is 35 inches. Straw strength is moderately good. Featherstone 176 has very good milling and baking quality, producing high flour yields and cookies of desirable quality. It is moderately strong in gluten strength and will likely have application in production of crackers as well as pastries. It is resistant to powdery mildew, moderately resistant to barley yellow dwarf virus and glume blotch, and has expressed moderate resistance to Fusarium head blight.

Jamestown Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Jamestown is a distinctly early heading, high yielding, short stature, awned, soft red winter wheat cultivar possessing resistance to the predominant insect and disease pests in the soft wheat region, and most notably resistance to Hessian fly, stripe rust, and fusarium head blight. Jamestown has blue-green foliage and spike color. Head emergence is one day earlier than SS 520, two days earlier than Sisson, and three days earlier than USG 3209. Average plant height is 31 inches. Straw strength is very good. In Virginia, the three year average grain yield has been 77 bushels/ac. Average test weight has been 59.2 lb./bu. Jamestown is widely adapted and provides producers from the southern corn-belt to the deep-south and throughout the mid-Atlantic region with a distinctly early maturing, disease and pest resistant cultivar.

MAS #2 Wheat Variety Description

MAS #2 is a medium maturing wheat variety with with smooth head and tall height. It is the tallest in the Mid-Atlantic Region. It has excellent winter hardiness and has a moderate resistance to stem rust and stripe rust. It has good resistance to powdery mildew, scab, and barley yellow dwarf virus. It has good resistance to leaf rust, Septoria glume blotch, soil born mosaic virus, and has excellent resistance to Septoria leaf blotch. MAS #2 is excellent for straw production. Yield was excellent in the 2013 Penn State Trial at 78.3 bu/acre.

MAS #6 Wheat Variety Description

MAS #6 is a medium/early maturity wheat variety with medium/short height and awned head. It has excellent yield potential, very good standability, and above average head scab tolerance. It placed 1st in 2014 Maryland State Wheat Trial with 128.2 bu/acre and 2nd place in the 2013 Winters Ag Wheat Trial in Pennsylvania with 107 bu/acre.

MAS # 7 Wheat Variety Description

MAS #7 wheat is a medium maturity, medium height variety with a smooth head. It has excellent head blight, very good winter hardiness, very good standability and average test weight. It placed 1st in the 2014 Maryland State Performance Trial with 63.2 bu/acre.

MAS #10 Wheat Variety Description

MAS #10 is a medium/late maturing, medium/short wheat variety with awned heads, excellent lodging and winter hardiness. It has good resistance to leaf rust, stripe rust, powdery mildew, and Septoria leaf blotch. It has excellent resistance to Septoria glume blotch, Spindle streak mosaic virus, and barley yellow dwarf virus. MAS #10 has very good standability. It has great yield at 90.1 bu/acre.

MPV 57 Wheat Variety Description

U. S. Protected Variety

MPV 57 is a full-season, high yielding, medium stature, awnletted, soft red winter wheat having exceptional performance under no-till grain production regimes and also well suited for forage production. Straw strength of MPV 57 is good. It is resistant to powdery mildew and wheat spindle streak mosaic virus, and moderately resistant to barley yellow dwarf virus. It is moderately resistant to moderately susceptible to glume blotch and leaf rust. MPV 57 is moderately susceptible to fusarium head blight and is susceptible to Hessian fly.

Merl Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Merl is a broadly adapted, high yielding, moderately short, mid-season soft red winter wheat cultivar having good milling and pastry baking quality. Spikes and straw are creamy white in color at maturity, and the awnletted spikes are blocky to tapering in shape. Head emergence of Merl in Virginia is most similar to that of 'Tribute'. Merle is 2 to 5 days later than the earliest heading cultivar, Jamestown. Average plant height of Merl is 33.5 inches, which is 2 inches taller than Jamestown. Straw strength in Virginia is very good and in the eastern SRW region average lodging scores were better than those of Roane. In Virginia, Merl had a three year (2006-2008) average grain yield of 92 bu./ac that was similar to that of the highest yield cultivar, Shirley. Merl had an average test weight of 60.3 lb./bu. and produced test weights significantly above the test averages in three out of four years. Merl was derived from the three-way cross 'Roane'/Pioneer Brand '2643' / 'SS 520'. It is resistant to powdery mildew and moderately resistant to stripe rust, fusarium head blight, and depending on environment and location, is moderately resistant to moderately susceptible to Barley Yellow Dwarf Virus, Wheat Spindle Streak Mosaic Virus, Septoria tritici leaf blotch, and glume blotch. It is susceptible to leaf rust, stem rust, Soil borne Mosaic Virus, and Hessian fly.

SS 520 Brand Wheat Description

U. S. Protected Variety

SS 520 Brand (Variety 38158) is an early heading, high yielding, medium stature, awnletted, soft red winter wheat with good milling and baking quality. Head emergence is two days earlier than Pioneer 2580. It has only moderate winter hardiness and is most similar to Coker 9663. It is resistant to powdery mildew and moderately resistant to barley yellow dwarf virus and wheat spindle streak mosaic virus. It is moderately resistant to moderately susceptible to leaf rust and glume blotch. This variety is susceptible to the predominant race of stem rust.

SS 8340 Brand Wheat Description

U. S. Protected Variety

SS 8340 Brand (Variety 111301W) is a soft red winter awned wheat that is semi-erect with a yellow-green plant color at boot stage. Anther color is yellow. Head is mid-dense and curvature is inclined at maturity, and glumes are white at maturity, with short glume length. It has intermediate resistance to Tan Spot, Septoria nodorum (Glume Blotch), Septoria tritici (Speckled Leaf Blotch), and Scab.

SS 8412 Brand Wheat Description

U. S. Protected Variety

8412 Brand (Variety 2013412) is a soft red winter wheat that is a broadly adapted, high yielding, full-season, short height semi-dwarf producing grain that is well suited for dual end uses in both pastry and cracker products. It is resistant to leaf and stem rusts, powdery mildew, and Barley and Cereal Yellow Dwarf Viruses. It has performed well in diverse regions of the SRW wheat production area. Average mature plant height of 2013412 has varied from 32 to 36 inches. Straw strength is very good. It has good winter hardiness and freeze tolerance.

SS 8415 Brand Wheat Description

U. S. Protected Variety

8415 Brand (Variety 72014415) is a medium maturity soft red winter wheat that combines high yield, strong test weights, good mildew and rust resistance and good standability with medium height. A strength of 8415 is resistant to Hessian fly biotypes B, C, D, O, and L in seedling growth chamber trials. It has produced a history of strong performance across a wide geography in the eastern and southeastern U.S. It has a strong general disease tolerance package, but responds well to intensively managed production that includes insecticides to reduce barley yellow dwarf infection and fungicides to reduce fusarium head scab. 8415 is yellow green at booting with erect, twisted, waxy flag leaves. Stems are hollow without hairs, waxy bloom and anthocyanin. Anthers are yellow. Apically awnletted spikes are tapering, inclined and mid-dense. White glumes are short and wide with narrow, acute beaks and narrow, square shoulders.

SS 8500 Brand Wheat Description

U. S. Patented Variety

SS 8500 Brand (Variety WB249) is a medium-late maturity, soft red winter wheat that has consistent yield across a wide geography. Straw strength is very good and a broad spectrum of disease resistance helps protect and provide the consistent yields and test weights. It has excellent winter survival and is recommended for environments in the mid-south, east coast, and south, where it does well in both standard management practices and high yield environments. SS 8500 has excellent Leaf Rust resistance, very good resistance to Powdery Mildew, Strip Rust, and Soil-Borne Mosaic Virus.

Shirley Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Shirley is a soft red winter wheat variety developed by Virginia Tech and exclusively licensed to Crop Production Services. Shirley is a broadly adapted, high yielding, short stature, full season cultivar having very good milling and pastry baking quality. Spikes and straw are white to creamy in color at maturity, and the awnletted spikes are tapering in shape. The variety is resistant to powdery mildew, and it has also expressed a high level of resistance to leaf and stem rust. It is susceptible to stripe rust. Shirley is resistant to Barley Yellow Dwarf Virus, Wheat Spindle Streak Mosaic Virus, Septoria tritici leaf blotch, and Hessian fly. It has moderate resistance to Fusarium head blight. The flag leaf is erect and twisted.

Southern Harvest 3200 Wheat Variety Description

U. S. Variety Protection Applied For

Southern Harvest 3200 is a soft red winter wheat cultivar. It is broadly adapted, high yielding, mid-season heading, short height, and semi-dwarf. At maturity it has white colored spikes. Its apically awnletted spikes are erect and strap in shape. Average mature plant height has varied from 33 to 36 inches. Straw strength is good. Grain yield in Virginia's State Variety Trials in 2011 and 2012 were 79 and 91 bushels per acre. It is uniquely different from all known cultivars among which it has been tested in common trials. Flag leaves are erect, twisted, and waxy. Spikes are erect at maturity and glumes are short and narrow with square and narrow shoulders and narrow beaks. Seeds have a non-collared medium length brush and a deep crease. It has gene Lr9 conferring resistance to Leaf Rust and the 1RS.1AL wheat-rye translocation that confers resistance to Stem Rust. It is moderately resistant to Barley and Cereal Yellow Dwarf Viruses, but is moderately susceptible to Wheat Soil Borne Mosaic Virus.

USG 3013 Wheat Variety Description

U. S. Patented Variety

USG 3013 wheat variety was released by UniSouth Genetics, Inc. It is a medium late maturity variety with medium height. Test weight is very good. It has a smooth head. Field ratings are excellent for winter hardiness, standability, emergence, and tillering. USG 3013 has excellent resistance to Head Scab, handles stress and drought well, and has a wide range of adaptability. It has excellent resistance to Stripe Rust, and Glume Blotch.

USG 3120 Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

USG 3120 wheat variety was released by UniSouth Genetics, Inc. It is a medium early maturing variety with medium tall height and excellent test weight and awned heads. This variety has excellent winter hardiness, standability, and emergence. It has a wide area of adaptability, great plant health and is one of the best varieties for yield and disease package.

USG 3201 Wheat Variety Description

U. S. Patented Variety

USG 3201 wheat variety was released by UniSouth Genetics, Inc. It is a medium maturity, medium height, awnletted variety with excellent test weight. It has excellent winter hardiness, standability and emergence. The strengths of this variety are that it has a wide area of adaptability, great plant health and one of the best varieties for yield and disease package.

USG 3251 Wheat Variety Description

U. S. Patented Variety

USG 3251 wheat variety was released by UniSouth Genetics, Inc. It is a medium late maturing variety with medium height, good test weight, excellent winter hardiness, standability, and emergence. Head type is fully awned. It is a high yielder and has a solid disease package.

USG 3315 Wheat Variety Description

U. S. Patented Variety

USG 3315 is a medium early maturity, medium height, soft red winter wheat released by UniSouth Genetics, Inc. It is broadly adapted and high yielding, It has awnletted heads and great test weights. Winter hardiness, standability, and emergence are excellent. It yields approximately 15,000 seeds per lb. USG 3315 has an excellent disease package, above the mean in 8 of 9 states. Gluten strength is high, thus flour from this likely can be used in the production of baked goods, such as crackers, requiring moderate to high gluten strength, as well as production of pastry products, such as cookies and cakes.

USG 3404 Wheat Variety Description

U. S. Patented Variety

USG 3404 wheat variety was released by UniSouth Genetics, Inc. It is a medium height, medium maturity, awned variety of soft red winter wheat, with very good test weight. It has excellent winter hardiness, standability, emergence, and tillering. It specializes on the East Coast, but can go to Mid-South. USG 3404 shows excellent stress tolerance and has a great disease package.

USG 3438 Wheat Variety Description

U. S. Patented Variety

USG 3438 wheat was released by UniSouth Genetics, Inc. It is a medium early, soft red winter wheat with awned heads. Height is medium short. Test weight was fair. It yields approximately 17,000 seeds per lb. Winter hardiness, standability, and emergence is excellent. Strengths for this variety are a solid disease package and high yielding.

USG 3555 Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

USG 3555 was released by UniSouth Genetics, Inc. It is an early heading, soft red winter wheat with awnletted heads and short height. Field ratings show good winter hardiness, excellent standability, and emergence. USG 3555 is resistant to Biotype E Hessian Fly. It has the same maturity as USG 3209. It should be planted later to avoid Hessian Fly. It has excellent resistance to stripe rust, stem rust, barley yellow dwarf virus, and powdery mildew.

USG 3612 Wheat Variety Description

U. S. Patented Variety

USG 3612 wheat variety was released by UniSouth Genetics, Inc. It is a medium maturity, medium height, and smooth head variety, with great test weight. It has excellent winter hardiness, standability, and emergence. USG 3612 has excellent resistance to scab, powdery mildew, glume blotch, stem rust, leaf rust, and strip rust.

USG 3993 Wheat Variety Description

U. S. Patented Variety

USG 3993 was released by UniSouth Genetics, Inc. It is a medium late maturity wheat with a medium tall height, excellent test weight and a smooth head. It has excellent winter hardiness, standability, emergence, and seeds per lb. This variety has excellent resistance to Head Scab and works well on all soil types. It has high yield potential.

VA-258 Wheat Variety Description

U. S. Variety Protection Applied For

VA258 soft red winter wheat line is broadly adapted, high yielding, full-season maturity, and a stand height semi-dwarf. Spikes and straw are white to creamy in color at maturity, and the tapering spikes are awnletted. Mature plant is 37 to 38 inches. On the basis of four independent quality evaluations over four crop years, VA 258 has exhibited milling and baking qualities that are most similar to those of the strong gluten cultivars Featherstone 176 and Jamestown. It is moderately resistant to powdery mildew and moderately resistant to leaf rust.

Vision 30 Wheat Variety Description

U. S. Variety Protection Applied For

Vision 30 is a widely adapted, high yielding, mid-season, hard red winter wheat that is short in stature with adequate straw strength. Spikes are creamy white in color with slightly tapering strap spikes that are awned. The blue-green colored plants have light red colored stems at maturity. Vision 30 was the highest yielding HRW wheat entry when averaged over two years of the Uniform Bread Wheat Nursery. Winter hardiness is very good. It has excellent resistance to powdery mildew, and is resistant to Barley/Cereal yellow dwarf virus, Wheat soil borne mosaic virus, and fusarium head blight. It is moderately resistant to leaf rust and glume blotch. It is susceptible to stripe rust.

Vision 45 Wheat Variety Description

U. S. Variety Protection Applied For

Vision 45 is a widely adapted, full season, medium height, hard red winter wheat that has high yield potential. It is different from all known cultivars. At the boot state plants of Vision 45 are blue-green in color and have flag leaves that are erect, twisted, and waxy. Stems are hollow, waxy, lack anthocyanin, and have four internodes, semi-erect peduncles, hairy auricles, and terminal rachis internodes. Anthers are yellow in color. Spikes are awned, inclined, mid-dense, strap to slightly tapering in shape, and creamy white in color at maturity. Straw is yellow in color and lacks anthocyanin at physiological maturity. The creamy white pubescent glumes are long in length and medium in width with narrow acuminate beaks and square shoulders of narrow width. The hard red kernels are ovate in shape with rounded cheeks, mid-width and mid-deep creases, and large germ and long brush sizes. The seed phenol reaction color is dark brown. Average plant height varies from 34 to 37 inches. Vision 45 is resistant to powdery mildew and moderately resistant to leaf rust and Barley Yellow Dwarf Virus, Wheat Soilborne Mosaic Virus, and glume blotch and fusarium head blight. It also is moderately susceptible to stripe rust.

Yorktown Wheat Variety Description

U. S. Variety Protection Applied For

Yorktown is a soft red winter wheat that is broadly adapted, high yielding, full-season, short height, and semi-dwarf. It has significantly high test weight and is later heading. Plant color is green, and at maturity has yellow colored straw, creamy white colored, slightly tapering strap shaped awnletted spikes. Average mature plant height of Yorktown has varied from 30 to 35 inches. On average, straw strength is good. Seed phenol color is brown. It is resistant to leaf rust and Barley Yellow Dwarf Virus and is resistant to powdery mildew.

TURFGRASS SOD

Celebration Bermudagrass

Patented

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Meadowspring Turf, LLC, Charles City	804-829-2696	C

Fescue/Bluegrass Mix Turfgrass Sod

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Campbell	Bass Sod Farm, Gladys	434-944-1970	C
Charles City	Riverside Turf, Charles City	804-829-2608	C
Culpeper	Woodward Turf Farms, Inc., Nokesville	540-727-0020	C
Loudoun	Chantilly Turf Farms, Inc., Aldie	703-327-0908	C
Loudoun	Virginia Beef Corporation, Haymarket	703-754-8873	C
New Kent	Old Church Sod Farm, New Kent	804-381-3851	C
Prince William	Kettle Wind Fm LLC, Nokesville	703-499-0187	C

Latitude 36 Bermudagrass Turfgrass Sod

Plant Patent Protected

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Meadowspring Turf, LLC, Charles City	804-829-2696	F R C
Culpeper	Woodward Turf Farms, Inc., Nokesville	540-727-0020	F R C
Montgomery	Lavery Sod Farm, Elliston	540-268-1220	F R C

NorthBridge Bermudagrass Turfgrass Sod

Plant Patent Protected

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Meadowspring Turf, LLC, Charles City	804-829-2696	F R C
Culpeper	Woodward Turf Farms, Inc., Nokesville	540-727-0020	F R C
Montgomery	Lavery Sod Farm, Elliston	540-268-1220	F R C

Patriot Bermudagrass Turfgrass Sod

Patented

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Riverside Turf, Charles City	804-829-2608	R C
New Kent	Old Church Sod Farm, New Kent	804-381-3851	C

Riviera Bermudagrass Turfgrass Sod

U. S. Protected Variety

Can be sold only as a class of Certified Seed

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Culpeper	Woodward Turf Farms, Inc., Nokesville	540-727-0020	C

Sovereign Bermudagrass Turfgrass Sod

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Culpeper	Woodward Turf Farms, Inc., Nokesville	540-727-0020	C

Tifway (419) Bermudagrass Turfgrass Sod

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Campbell	Bass Sod Farm, Gladys	434-944-1970	C
Charles City	Riverside Turf, Charles City	804-829-2608	C
Southampton	Franklin Turfgrass, Inc., Franklin	757-569-8873	C

Tifway II Bermudagrass Turfgrass Sod

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Meadowspring Turf, LLC, Charles City	804-829-2696	C

Empire Zoysia Turfgrass Sod

Patent Pending

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Meadowspring Turf, LLC, Charles City	804-829-2696	R C

JaMur Zoysia Turfgrass Sod

Patented

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
King William	Frog Hollow Sod Farm, Inc., King William	804-769-3700	C

Zeon Zoysia Turfgrass Sod

Patented

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Campbell	Bass Sod Farm, Gladys	434-944-1970	R C
Charles City	Riverside Turf, Charles City	804-829-2608	C

TURFGRASS SOD VARIETY DESCRIPTIONS

Celebration Bermudagrass Variety Description

Plant Patent Protected

Celebration Bermuda, introduced by Sod Solutions, Inc., is a selected mutation of *Cynodon dactylon*, a hybrid cultivar of Bermuda, chosen specifically for its dark blue-green color, low growing habit, adaptability to light to moderate shade, excellent drought tolerance and ability to reduce production costs while demonstrating desirable growth characteristics. It was developed in Australia and has proven its ability to thrive in hot, humid conditions in a variety of applications from home lawns to sports fields. Celebration has performed well in sandy and clay soil types with aggressive growth from its runners and rhizomes, but can be mowed with a standard rotary mower due to its broader leaf and open growth habit.

Latitude 36 Bermudagrass Variety Description

Plant Patent Protected

Latitude 36 Bermudagrass was released by Oklahoma State University in 2011. It is a sterile hybrid with exceptional cold tolerance and winter damage is seldom seen. It was selected for use in home lawns, parks and golf/sports applications from the Southern United States to areas north of the transition zone. It has blades that are fine textured and offers rapid sod production cycles and excellent handling characteristics for the sod producer. It offers outstanding beauty and performance, early green-up, fine texture, excellent density, excellent wear tolerance and rapid recovery from traffic.

NorthBridge Bermudagrass Variety Description

Plant Patent Protected

NorthBridge Bermudagrass was released in 2011 by Oklahoma State University. It has a unique combination of traits; cold hardiness and a fine texture. NorthBridge is fast to establish. It offers rapid sod production cycles and excellent handling characteristics for the sod producer. For the golf course superintendent, sports field manager, and homeowner it offers outstanding beauty and performance; early green-up, excellent density, excellent wear tolerance and rapid recovery from traffic. It is a sterile hybrid and is exceptional for use for applications from the Southern United States to areas north of the transition zone.

Patriot Bermudagrass Variety Description

Plant Patent Protected

Patriot was developed by the Oklahoma State University Bermudagrass Breeding and Development Team. This low temperature-hardy variety establishes rapidly from sprigs and has improved resistance to spring dead spot. Excellent aerial shoot survival during winter, relatively short internodes and high shoot density may result in a need for routine de-thatching under intensive management. It combines superior cold tolerance, disease resistance, wear tolerance and leaf texture. Patriot is clearly the bermudagrass of the future for the Mid-Atlantic region.

Riviera Bermudagrass Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified Seed

Riviera is a synthetic variety developed from three parental plants and released by the Oklahoma Agricultural Experiment Station with an exclusive license to Johnston Seed Company, Enid, OK. Riviera produces a moderately fine-textured, medium dark green turf with excellent turf quality. It appears to have adequate resistance or tolerance to the major pests of bermudagrass, particularly in the U.S. transition zone. It is sufficiently cold-hardy to be used in parts of the U. S. transition zone between warm-season and cool-season turfgrasses with minimal risk. Commercial plants of Riviera must be established by planting either certified seed or certified sod (or sprigs). Certified sod (or sprigs) must be produced from a field planted with foundation seed.

Sovereign Bermudagrass Variety Description

U. S. Variety Protection Applied For

Sovereign solves the dilemma when planting a warm season grass in the upper transition zone. It alleviates the concern regarding lack of cold tolerance. The thriving germplasm selected in Northern KY when breeding Sovereign ensures the utmost tolerance to the elements. The fine texture and bright green color, and aggressive growth satisfy all turf managers. It has brilliant overall turf quality, excellent winter hardiness, superb drought tolerance, vigorous establishment from seed, and superlative wear tolerance. It is recommended for golf course tees, fairways, and roughs, Sovereign is also recommended for sports fields, parks, and utility fields, and lawns. Reduced water applications trim overall management cost.

Tifway (419) Bermudagrass Variety Description

Tifway (419) was selected and cooperatively tested by the USDA, the Georgia Coastal Plain Experiment Station, and the U.S. and Southern Golf Associations. Found in a seed lot of African bermudagrasses from Johannesburg, South Africa, in the Spring of 1954, this chance hybrid between African and common bermudagrass will shed no pollen and set no seed. The dark-green, disease-resistant variety spreads quickly, and is more resistant to sod webworm. Tifway was released to growers of certified sprigs in 1960.

Tifway II Bermudagrass Variety Description

Tifway II is an F1 hybrid released in 1960 by Georgia Coastal Plain Experiment Station and the Plant Science Research Division of ARS. It has darker green color, greater frost resistance, earlier Spring growth, greater sod webworm and mole cricket resistance, better herbicide tolerance, and stiffer leaf blades than Tiffine or Tifgreen.

Empire Zoysia Variety Description

Patent Pending

Empire Zoysia was discovered in Brazil, and unlike other Zoysia varieties, has proven its ability to thrive in hot, humid conditions. Because of its drought tolerance, Empire requires less water than most other grasses and is well suited to areas where water use is severely regulated. It also requires less fertilizer. Empire has performed well in sandy and clay soil types with aggressive growth from its runners and rhizomes, but can be mowed with a standard rotary mower due to its broader leaf and open growth habit. Because of its dense growth habit, weeds are rarely a problem in healthy stands.

JaMur Zoysia Variety Description

Plant Patent Protected

JaMur Zoysia is a medium textured zoysia grass with a distinctive natural blue-green color. It produces a lush, dense turf and offers excellent recovery from traffic and wear. With its adaptability to full sun and moderate shade sites, JaMur is one of the most versatile turfgrass varieties available. JaMur Zoysia is ideal for any turf project where you want to be noticed. It is extremely wear and drought tolerant and possesses cold, insect, and disease tolerances. If you are a fan of Zoysia, but you insist on greater quality and characteristics, you will want to be a part of the JaMur revolution.

Zeon Zoysia Variety Description

Plant Patent Protected

Zeon is absolutely the most beautiful turfgrass available! Zeon is a fine-bladed, dark green color zoysia grass that is drought tolerant and can handle full sun and has excellent shade tolerance. Zeon is a luxury turfgrass superior to Emerald in its rich beautiful look and lush dense turf. Zeon is superior to Emerald due to low thatch buildup, cold hardiness, and few insect or disease problems. It is a lower maintenance zoysia grass because of its ability to be mowed with a rotary mower. Zeon is excellent for lawns and golf course fairways and tees.

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Seed Conditioners

Following is a list of companies and individuals who condition Certified seed in Virginia

A

Avalon Farm..... 272 Sydnors Millpond Rd., Heathsville, VA 22473.....804-366-3187

B

Birdsong Peanuts.....P. O. Box 1400, Suffolk, VA 23434..... 757-539-3224
Brodnax Seed Company.....Rt. 58 West, P.O. Box 97, Brodnax, VA 23920..... 434-729-9555

C

Carlton, J & D, Farms, Inc.....HCR 74, Box 456, Mattaponi, VA 2311..... 804-785-5197

F

Farmers Rest Farm, Inc.....11801 Farmers Rest Road, Charles City, VA 23030....804-241-5629
Featherstone Farm.....13941 Genito Rd., Amelia, VA 23002.....804-561-3754

G

Golden Peanut Company.....301 West Pearl St., P.O.Box 279, Aulander, NC 27805..252-345-1661
Green Sprig Ag Services.....5688 Old Forge Rd., Rocky Mt. VA 24151..... 540-420-1639

H

Hill View Farm.....1324 Clearview Drive, Danville, VA 24540..... 434-685-7921
Hudson, Hilton C.....1008 White Lane, Alton, VA 24520.....434-753-6710
Hundley Seed Company.....Rt. 17, P. O. Box 93, Champlain, VA 22438.....804-443-8206

I

Indika Farms, Inc.14186 Five Forks Road, Windsor, VA 23487.....757-242-6607

M

Mid-Atlantic Seeds, Inc.....5005 Cople Hwy, Mt Holly,VA 22524....804-472-3388 or 800-854-6251
Montague Farms, Inc.....35212 Tidewater Trail, Center Cross, VA 22437..... 804-443-3536

R

Renwood Farms, Inc.....17303 Sandy Point Rd., Charles City, VA 23030..... 804-829-2450

V

VCIA Foundation Seed Farm.....P. O. Box 78, Mt. Holly, VA 22524..... 804-472-3500

W

Wakefield Peanut Company.....P. O. Box 538, Wakefield, VA 23888.....757-899-5481

White, R. W., Farm, LLC.....1961 Princess Anne Lane, Virginia Beach, VA 23456.....757-621-0141

Associate Members

Listed alphabetically by company

A

ag.systems/Paul Bodenshtein 6158 Westhaven Drive, Mechanicsville, VA 23111..... 804-730-0091
AgriPro Coker/Phil Farmer358 Honeycutt Drive, Wilmington, NC 28412 910-452-5597

A.R.McKay Processing Machinery, Inc./

Chip Huffman.....P. O. Box 96, Hickory, NC 28603..... 828-328-3548

B

Bayer CropScience/ 203 Hanover St., Williamston, NC 27892 252-741-0239

Michael Webb

BFG Supply(Wetsel)/Jim Waid P. O. Box 791, Harrisonburg, VA 22803540-434-6753

C

Circle Grove Seeds, Inc./Marian Keech P. O. Box 280, Belhaven, NC 27810252-943-3141

Clark Seeds, Inc./Jim Clark P. O. Box 219, Kenton, DE 19955302-653-9249

Crop Production Services/Deanna Blackwell....P. O. Box 9, Wylliesburg, VA 23976434-735-8144

Crop Production Services/Ed LayneP. O. Box 520, Hopewell, VA 23860804-458-6301

E

Eddie Mercer Agri-Services, Inc/

Tom Mullineaux.....6900 Linganore Rd, Frederick, MD 21701..... 410-409-7538

F

Fuller Seed & Supply/Terry Fuller11262 Hwy. 49, Poplar Grove, AR 72374 870-829-3461

G

Greensboro Supply, Inc./Loren Cohen P. O. Box 28, Greensboro, MD 21639410-482-6211

K

Keystone Group Ag Seeds/Joe Anchor.....360 Leiser Rd., New Columbia, PA 17856..... 570-538-1170

N

Newsom Seed, Inc./Allen Bohrer P. O. Box 510, Fulton, MD 20759240-554-0359

R

Raynor Certified Tobacco Seed/R.T. Raynor.. P. O. Box 2524, Rocky Mount, NC 27802252-446-5229

Rehoboth Agrotech/Bob Atkins P. O. Box 125, Branchville, VA 23828757-654-0675

S

Seedway, Inc./Jerry Davis5901 Vera Cruz Road, Emmaus, PA 18049610-967-4131

Southern States Coop., Inc./Eric Fogg..... 200 Allen Drive, Seaford, DE 19973 302-629-7991

Southern States Coop., Inc./Randy Jenkins ..P. O. Box 459, Cloverdale, VA 24077540-992-1100

Southern States Coop., Inc./Norman Jones ..P. O. Box 459, Cloverdale, VA 24077540-992-1100

Syngenta Seed Care/John Nardacci.....13200 S. Heritage Woods Terr., Midlothian, VA 23112... 804-744-3942

T

Tomahund Plantation/Norman Hofmeyer..... 17100 Tomahund Dr., Williamsburg VA 23185..... 804-829-2130

W

Wakefield Farm Service, Inc./David Owen ...P. O. Box 216, Wakefield, VA 23888..... 757-899-3771

White Hat Seed Farms, Inc./Burt Eure 102 White Hat Road, Hertford, NC 27944 252-264-2427