

Virginia Crop Improvement Association, Inc.

Officers

William Gwaltney, Jr..... President
Colin Whittington Vice-President
Thomas H. Hardiman..... Secretary/Treasurer

Directors

| | Term Expires |
|-------------------------------------|--------------|
| Arthur Duke, Charles City | 2021 |
| William Gwaltney, Jr., Windsor..... | 2021 |
| Colin Whittington, Amelia..... | 2021 |
| M. L. Everett, Jr., Capron | 2019 |
| Jeffrey Hula, Charles City..... | 2019 |
| Paul Rogers, III, Wakefield..... | 2019 |
| Westley Drake, Newsoms..... | 2020 |
| Robert Pollok, Danville..... | 2020 |
| Matt Hall, Charles City..... | 2020 |

| | |
|---|-----------|
| Dr. Wade E. Thomason, Blacksburg | Appointed |
| Dr. Daniel E. Brann, Blacksburg..... | Honorary |
| Dr. Robert L. Harrison, Blacksburg..... | Honorary |
| David L. Whitt, Aylett..... | Honorary |
| Bruce R. Beahm, Hague | Honorary |

Certification Office

Tom Hardiman, Program Administrator
Secretary/Treasurer
9225 Atlee Branch Lane
Mechanicsville, VA 23116
Telephone: 804-746-4884
Fax: 804-746-9447
Website: www.virginiacrop.org

VCIA Foundation Seed Farm

Phillip Browning, Manager
P. O. Box 78
4200 Cople Highway
Mt. Holly, Virginia 22524
Telephone: 804-472-3500
Fax: 804-472-4649

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:

| <u>Barley</u> | <u>Wheat</u> | <u>Wheat</u> | <u>Wheat</u> | <u>Triticale</u> |
|------------------|-----------------|--------------|------------------------|------------------|
| Amaze 10 Hulless | Featherstone 73 | 111301W | 16162692* | SS 1414 |
| Flavia* | Hilliard* | 112355W | VA-258 | |
| LCS Calypso | L11550* | 112371W | Vision 45 | |
| Secretariat | LCS 3204 | 72014415 | Shirley | |
| Thoroughbred | Merl | WJ 102014 | Southern Harvest 7200* | |

* PVPA Applied For

**VIRGINIA CROP IMPROVEMENT ASSOCIATION SEED PRODUCERS
2018 Fall Planting**

B

| | | |
|---------------------------|--|--------------|
| Bass Sod Farm..... | P.O. Box 157/8250 Brookneal Hwy., Gladys, VA 24554.. | 434-219-2277 |
| Brodnax Seed Company..... | Rt. 58 West, P.O. Box 97, Brodnax, VA 23920..... | 434-729-9555 |

C

| | | |
|--------------------------------|---|--------------|
| 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 Seed..... | 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 |

H

| | | |
|---------------------------|--|--------------|
| Hill View Farm..... | 1324 Clearview Drive, Danville, VA 24540..... | 434-770-9311 |
| Hudson Farms..... | 1008 White Lane, Alton, VA 24520..... | 434-579-2679 |
| Hundley Seed Company..... | Rt. 17, P. O. Box 93, Champlain, VA 22438..... | 804-443-8206 |

K-L

| | | |
|-----------------------------|---|--------------|
| Kettle Wind Farm, LLC | 11261 Morla Lane, Nokesville, VA 20181..... | 703-499-0187 |
| Lavery Sod Farm..... | P. O. Box 387, Shawsville, VA 24162..... | 540-268-1220 |

M - N

| | | |
|-------------------------------|---|--------------|
| Meadowspring Turf, LLC..... | 17820 The Glebe Lane, Charles City, VA 23030..... | 804-829-2696 |
| Mennel Milling Comopany..... | P. O. Box 806, Fostoria, Ohio 44830..... | 419-435-8151 |
| Mid-Atlantic Seeds, Inc. | 4965 Cople Hwy., Mt. Holly VA 22524..... | 800-854-6251 |
| Nova Turf Farms, Inc. | 12005 Hazelwood Dr., Nokesville, VA 20181..... | 703-594-3406 |

O - P

| | | |
|-------------------------------|---|--------------|
| Old Church Sod Farm..... | 13101 Old Church Road, New Kent, VA 23124..... | 804-381-3851 |
| Premier Turf Farms, LLC | 35172 Snickersville Tpke, Round Hill, VA 20141..... | 703-431-3385 |

R

| | | |
|-------------------------|---|--------------|
| Renwood Farms, Inc..... | 17303 Sandy Point Rd., Charles City, VA 23030..... | 804-829-2450 |
| Riverside Turf | 18201 Sandy Point Rd., Charles City, VA 23030 | 804-829-2608 |

S

| | | |
|----------------------------------|--|--------------|
| Sandy Fork Fertilizer, LLC..... | 6142 Highway 58, Buffalo Junction, VA 25829..... | 434-265-6581 |
| 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..... | 227 Circle Drive, Deltaville, VA 23043..... | 804-832-6550 |

W

| | | |
|--------------------------------|--|--------------|
| Woods, E. C. C., Jr..... | 6033 River Road, Hanover, VA 23069..... | 804-746-3390 |
| Woodward Turf Farms, Inc. | P.O. Box 489, 14206 Lewis Ln, Remington, VA 22734..... | 540-727-0020 |

Amaze 10 Hulless 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> |
|---------------|--|--------------------|--------------|
| Middlesex | Virginia Identity Preserved Grain, LLC | 804-832-6550 | R |
| Middlesex | Virginia Identity Preserved Grain, LLC | 804-832-6550 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-482-3500 | F |

Flavia Barley*U. S. Variety Protection Applied For*

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|--------------------------------------|--------------------|--------------|
| Amelia | Featherstone Farm Seed, Amelia | 804-561-3754 | R |
| Amelia | Featherstone Farm Seed, Amelia | 804-561-3754 | C |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-482-3400 | F |

LCS Calypso Variety*Limagrain Licensed Variety*

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------|--------------------|--------------|
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | C |

Nomini Barley

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------------|--------------------|--------------|
| Amelia | Featherstone Farm Seed, Amelia | 804-561-3754 | R |
| Amelia | Featherstone Farm Seed, Amelia | 804-561-3754 | C |
| Essex | Hundley Seed Company, Inc., Champlain | 804-443-8206 | R |
| Essex | Hundley Seed Company, Inc., Champlain | 804-443-8206 | C |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500 | F |

Secretariat 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> |
|-------------------------|--------------------------------------|--------------------|--------------|
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | R |
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | C |
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | R |
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | C |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | C |
| 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> |
|-------------------------|--------------------------------------|--------------------|--------------|
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | R |
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | C |
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | R |
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | C |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | 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> |
|---------------|--|--------------------|--------------|
| Amelia | Featherstone Farm Seed, Amelia | 804-561-3754 | QA |
| Charles City | Renwood Farms, Inc., Charles City | 804-829-2450 | R |
| Charles City | Renwood Farms, Inc., Charles City | 804-829-2450 | C |
| Mecklenburg | Sandy Fork Fertilizer, LLC, Buffalo Junction | 434-265-6581 | R |
| Mecklenburg | Sandy Fork Fertilizer, LLC, Buffalo Junction | 434-265-6581 | C |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc., Danville | 434-770-9311 | C |

Wrens Abruzzi Rye

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|--|--------------------|--------------|
| Mecklenburg | Sandy Fork Fertilizer, LLC, Buffalo Junction | 434-265-6581 | R |
| Mecklenburg | Sandy Fork Fertilizer, LLC, Buffalo Junction | 434-265-6581 | C |

SS 1414 Triticale (Variety NC01PT-1433)

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> |
|---------------|---------------------------------------|--------------------|--------------|
| Retail Stores | Southern States Cooperative, Richmond | 804-281-1440 | C |

16162692 Wheat

U. S. Variety Protection Applied For

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

5210 HR (Nidera 21) Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|--|--------------------|--------------|
| Middlesex | Virginia Identity Preserved Grain, LLC | 804-832-6550 | C |

Croplan 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 |

Croplan 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 |

Croplan 8550 Brand Wheat (Variety WJ102014)

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 |

Croplan 9415 Brand Wheat (Variety 112355W)

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 |

Croplan 9606 Brand Wheat (Variety 112371W)

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 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 9600 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 9750 (JM1161) 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 9811 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 |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500 | F |

Dyna-Gro 9862 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. 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 Seed, Inc., Amelia | 804-561-3754 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500 | F |

Hilliard Wheat

U. S. Variety Protection Applied For

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------------|--------------------|--------------|
| Amelia | Featherstone Farm Seed., Amelia | 804-561-3754 | R |
| Amelia | Featherstone Farm Seed., 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 |
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | R |
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | C |
| Halifax | Hudson Farms, Alton | 434-579-2679 | R |
| Halifax | Hudson Farms, Alton | 434-579-2679 | C |
| Pittsylvania | Hill View Farms, Inc. Danville | 434-770-9311 | R |
| Pittsylvania | Hill View Farms, Inc. Danville | 434-770-9311 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500 | F |

JoMar 1169 Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------|--------------------|--------------|
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | QA |

L11550 Wheat*U. S. Variety Protection Applied For*

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

LCS 3204 Wheat*Limagrain Licensed Variety
Unauthorized Propagation Prohibited*

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------------|--------------------|--------------|
| Pittsylvania | Hill View Farms, Inc., Inc., Danville | 434-770-9311 | C |

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 | 800-854-6251 | 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 | 800-854-6251 | QA |

MAS #35 Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|-------------------------|------------------------------------|--------------------|--------------|
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | QA |

MAS #61 Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|-------------------------|------------------------------------|--------------------|--------------|
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | QA |

MAS #67 Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|-------------------------|------------------------------------|--------------------|--------------|
| Pennsylvania (State of) | Mid-Atlantic Seeds, Inc., York, PA | 800-854-6251 | 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> |
|---------------|---------------------|--------------------|--------------|
| Halifax | Hudson Farms, Alton | 434-579-2679 | 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 7200 Wheat*U. S. Variety Protection Applied For*

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

TWS 2317 Wheat

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

TWS 2616 Wheat

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------|--------------------|--------------|
| Essex | Hundley Seed Company, Champlain | 804-443-8206 | QA |

USG 3118 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 3197 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 3228 Wheat*U. S. Patented Variety*

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

USG 3316 Wheat*U. S. Patented Variety*

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------------|--------------------|--------------|
| Amelia | Featherstone Farm Seed, 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 |

USG 3329 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 | Farmers Rest Farm, Inc., Charles City | 804-241-5629 | QA |
| Charles City | Renwood Farms, Inc., Charles City | 804-829-2450 | QA |

USG 3458 Wheat*U. S., Patented Variety*

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

USG 3536 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 3895 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 |

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 |

Vision 45 Wheat

U. S. Protected Variety

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|--|--------------------|--------------|
| Charles City | Virginia Identity Preserved Grain, LLC | 804-306-2360 | R |
| Charles City | Virginia Identity Preserved Grain, LLC | 804-306-2360 | C |
| Westmoreland | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500 | F |

VARIETY DESCRIPTIONS

Amaze 10 Hulless Barley Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

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.

Flavia Barley Variety Description

U. S. Variety Protection Applied For

Flavia is a winter type barley and was developed by Ackermann Saatzeit in Germany. The common name of taxon is Wintergerste. The plant growth habit is intermediate to semi-prostate and the kernel color of aleurone layer is weakly colored. Flag leaf is absent or very weak and is semi-erect. It has a medium to strong glaucosity of sheath. Time of ear emergence is early to medium. Ears are medium and horizontal in altitude. Plant length is short. Ears are tapering to parallel in shape, medium length, lax to medium density. Awn length is long. Median spikelet: length of glume and its awn is equal. Sterile spikelet development is full. Flavia is suited to maritime to moderate-continental climate.

LCS Calypso Barley Variety Description

Limagrain Licensed Variety

LCS Calypso is a two-rowed winter malting barley release follow-up to LCS Violetta. Originally bred by Limagrain Europe, Calypso is currently being marketed internationally in Poland and Hungary. It is expected to have additional winter hardiness over LCS Violetta, as it was bred to perform in continental, as well as maritime, climate zones in Europe. In USA trials, LCS Calypso's yield performance has been at or better than LCS Violetta. It has a high yield potential. Tillering is excellent. Plant length is medium and standability is above average. It is resistant to Dwarf Rust and Yellow Mosaic. It has excellent grading with excellent malting qualities. Certified seed of LCS Calypso will be sold with a single season use agreement by licensed Limagrain Cereal Seeds dealers.

Nomini Barley Variety Description

Nomini is an early maturing, medium tall, six-row, awnleted, 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. Protected Variety

Can be sold only as a class of Certified seed

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 Oats Variety Description

Brooks is a medium early Oat 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.

Wrens Abruzzi Rye Variety Description

Wrens Abruzzi rye was released to growers in 1953 by the Coastal Plain Experiment Station, Tifton, Georgia. It is one of the earliest strains of Abruzzi. Through many years of natural selection, the Wrens strain of Abruzzi Rye has become well adapted to 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. 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. It has a semi-upright habit of growth.

SS 1414 Triticale (NC01PT-1433) Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

SS 1414 was released by NC State University. It is a winter triticale. It is awned with a semi-prostrate growth habit and a recurved, non-twisted flag leaf. It has a medium maturity with a mid-tall plant height. It has a yellow-green color at boot state with a mid-dense fusiform head. It is resistant to powdery mildew and leaf rust and susceptible to barley yellow dwarf virus.

16162692 Wheat Variety Description

U. S. Variety Protection Applied For

16162692 is a soft red winter wheat with a green plant color at boot stage. It has semi-erect juvenile plant growth. Anther is yellow. At maturity head is mid-dense, slightly tapering, awned, and inclined. Glumes are tan with medium beak width and are medium in length. Seed shape is ovate, red in color, and soft. It is resistant to leaf rust, powdery mildew, tan spot, glume blotch, speckled leaf blotch, scab, soil borne mosaic virus, and Hessian Fly. It has intermediate resistance to stem rust, stripe rust, and wheat yellow mosaic virus.

5210 HR (Nidera 21) Wheat Variety Description

5210 HR is a winter wheat with white mid-strong stem strength, and dark green erect terminal leaves. Awns are inclined at maturity and yellowish in color. Glumes are white with mid-long length and mid-long width. Kernels are amber in color and semi-hard to hard. Brush size is large and long. Crease is narrow in width and shallow in depth.

Featherstone 73 Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

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.

Hilliard Wheat Variety Description

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.

LCS 3204 Wheat Variety Description

Limagrain Licensed Variety

Unauthorized Propagation Prohibited

LCS 3204 is an awnless, early maturing, short stature soft red winter wheat that is photoperiod insensitive and carries vm-A1b for short vernalization. It carries Truman level Fusarium head blight (FHB) resistance for incidence, severity, Fusarium damage kernels, and DON. A shorter, awned off-type was noted in the original breeder seed. A 1% variance is allowed. LCS 3204 gains strengths as it moves south. Test weight is very high at 61 lb./bu average. It is ideal for low-input wheat farmers and has exceptional all-around disease resistance. Plant height is 39", has a smooth head and very good standability. Plant maturity is mid-season, with excellent winter hardiness.

JoMar 1169 Wheat Variety Description

JoMar 1169 wheat is semi-erect at juvenile plant growth. Plant color at boot stage is green and flag leaf is erect, twisted, with wax present. Anther color is yellow. Head density is mid-dense, and the head shape is tapering with an inclined curvature. Glume color is white with a rounded shoulder and is awned.

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 Winter Ag Wheat Trial in Pennsylvania with 107 bu/acre. MAS #6 is available at Mid-Atlantic Seeds, Inc.

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. This variety is available at Mid-Atlantic Seeds, Inc.

MAS #35 Wheat Variety Description

MAS #35 wheat is a medium height, awned head variety that is well adapted for the Delmarva grower. It has very good Head Scab tolerance and high yield potential. This variety placed 2nd in the 2016 Virginia Tech Wheat Test (Blackstone, VA) at 96.2 bu/acre and 1st place in the 2014 Maryland State Wheat Test (Summary) at 89.0 bu/acre and 1st place in the 2014 Maryland State Wheat Trial (Keedysville) at 87.1 bu/acre. MAS #35 is available through Mid-Atlantic Seeds, Inc.

MAS #61 Wheat Variety Description

MAS #61 wheat is a medium-short height variety with awned head and very good test weight. It is a high yielder with good Head Scab resistance and FHB Type II Marker for partial resistance. This variety has excellent tillering, and high susceptibility to lodging. It is available from Mid-Atlantic Seeds, Inc.

MAS #67 Wheat Variety Description

MAS #67 is a medium-short height, smooth head variety wheat with and average test weight. It has excellent Head Scab resistance and Fhb1 marker for partial Head Scab resistance. This variety has high yield and placed 2nd in the 2016 Penn State Wheat Trials (Lancaster, PA) with 99.3 bu/acre. MAS #67 is available from Mid-Atlantic Seeds, Inc.

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. Straw strength in Virginia is very good. 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. 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.

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.

Croplan 8340 Brand (Variety 111301W) Wheat Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

8340 Brand (Variety 111301W) is a workhorse variety soft red winter wheat with broad adaptability. It has excellent test weight and winter hardiness. It resists most common diseases and has excellent standability. Strong tillering helps stands in variable planting conditions. Grain head is awned. It is resistant to stripe rust, powdery mildew, and leaf rust.

Croplan 8415 Brand (Variety 72014415) Wheat Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

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. The 8415 Brand 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. The 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.

Croplan 8550 Brand (Variety WJ 102014) Wheat Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

8550 Brand (Variety WJ 102014) soft red winter wheat is full season tall and stands well. It has excellent test weight, strong yield potential across wide geographies and soils. It has state of the art fusarium head blight resistance. Grain head is awned and has intermediate resistance to powdery mildew, leaf rust and glume blotch. It is susceptible to stripe rust. It has winter hardiness.

Croplan 9415 Brand (Variety 112355W) Wheat Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

9415 Brand (Variety 112355W) is a soft red winter wheat that has excellent yield potential in highly productive environments. It responds well to nitrogen, has exceptional standability, and a strong disease tolerance package. It fits well in double-crop system with medium height. It has resistance to biotype B, D, L, O Hessian Fly. It is resistant to stripe rust, powdery mildew, leaf and glume blotch and has intermediate resistance to leaf rust. Grain head is awned.

Croplan 9606 Brand (Variety 112371W) Wheat Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

9606 Brand (Variety 112371W) is an outstanding yield potential unique soft red winter wheat. It has strong tolerance to fusarium head blight, a good broad spectrum disease resistance package, excellent stripe rust resistance and standability, and responds well to increased population. It has intermediate resistance to powdery mildew, leaf blotch, and glume blotch. It is resistant to Hessian fly Biotype B, D, L, O. Grain head is awned and is winter hardy.

Southern Harvest 7200 Wheat Variety Description

U. S. Variety Protection Applied For

Southern Harvest 7200 red winter wheat line is uniquely different from all known cultivars among which it has been tested in common trials. It is a broadly adapted, high yielding, early heading, medium height, soft red winter wheat. Foliage and spikes are blue-green in color, and spikes are awned and slightly tapering to strap in shape. Mature plant height of SH7200 varied from 34 to 38 inches on average. It has exhibited milling and baking qualities that are intermediate to those of Shirley. Flour of SH7200 likely would be more suitable than that of Shirley for making crackers and other products requiring gluten strength as well as pastries. It is moderately resistant to powdery mildew, leaf rust, and stripe rust. It is susceptible to stem rust.

TWS-2317 Wheat Variety Description

TWS-2317 is an early maturity, awned head type wheat that responds well to high management. Height is medium-tall. This variety is a Tidewater Seed, LLC variety. It has very good resistance to Septoria Glume Blotch, Septoria Leaf Blotch, Leaf Rust Fusarium Head Blight, and Barley Yellow Dwarf. Resistance to Powdery Mildew, Soil Mosaic Virus, Stripe Rust is good. It is winter hardy, and lodging is very good. It is susceptible to Hessian Fly.

TWS-2616 Wheat Variety Description

TWS-2616 is an early maturity, awned head type wheat with medium-short height. It is widely adapted for the Mid-Atlantic Region. It has high yield potential with excellent test weight and is PGR recommended. It is Fh61-Type II Scab resistant. It has excellent resistance to soil borne mosaic virus, septoria glume blotch, leaf rust, and fusarium head blight. It has good resistance to powdery mildew, septoria glume blotch, and stripe rust. It is winter hardy with good lodging.

USG 3118 Wheat Variety Description

U. S. Patented Variety

USG 3118 wheat was released by UniSouth Genetics, Inc. It is an early maturity wheat with short height, tip-awned head, and excellent test weight. This variety has excellent winter hardiness, excellent standability and tillering. USG 3118 is widely adaptable. It has excellent resistance to Hessian fly, leaf rust, powdery mildew, stripe rust and leaf blotch. It has good resistance to stem rust, and glume blotch.

USG 3197 Wheat Variety Description

U. S. Patented Variety

USG 3197 wheat variety was released by UniSouth Genetics, Inc. It is a medium early maturing variety with medium height and awned heads. It has good test weight. This variety has good standability and winter hardiness. It is highly resistant to Fusarium Head Blight, handles wet ground well, and excellent tillering. Disease resistance is solid.

USG 3228 Wheat Variety Description

U. S. Patented Variety

USG 3228 wheat variety was released by UniSouth Genetics, Inc. It is an early maturing variety of medium tall height, with a smooth head. Test weight is good. USG 3228 has excellent winter hardiness, and excellent standability. It has an excellent disease package with resistance to Type 1 and 2 Scab, stripe rust, leaf rust, and stem rust. It is also resistant to Powdery Mildew and Glume Blotch.

USG 3316 Wheat Variety Description

U. S. Patented Variety

USG 3316 wheat is a variety released by UniSouth Genetics, Inc. It is a medium early, medium height, awned head variety. Test weight is great, and it has winter hardiness and excellent standability and tillering. This variety is highly resistant to Fusarium Head Blight and has a better yield and test weight than USG 3404. Disease characteristics are solid.

USG 3329 Wheat Variety Description

U. S. Patented Variety

USG 3329 wheat variety was released by UniSouth Genetics, Inc. It is a medium early maturing variety with a medium height and great test weight. It has awned heads, excellent standability, winter hardiness and tillering. It is widely adaptable and has excellent scab and stripe rust resistance. It has good resistance to glume blotch and leaf blotch.

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 3458 Wheat Variety Description

U. S. Patented Variety

USG 3458 is a medium-short, early maturing soft red winter wheat variety released by UniSouth Genetics, Inc. It is winter hardy with a smooth head, excellent standability, and tillering. This variety has excellent resistance to Stripe Rust, and Hessian Fly. It is an East Coast and Mid-Atlantic wheat.

USG 3536 Wheat Variety Description

U. S. Patented Variety

USG 3536 is a medium early maturity variety of soft red winter wheat released by Uni-South Genetics, Inc. It is medium tall and awned with excellent test weight. It has excellent standability, winter hardiness, and emergence. It is highly resistant to FHB and Hessian fly L and is widely adapted. It also has excellent resistance to scab and stripe rust. It has good resistance to powdery mildew, glume blotch, and leaf rust.

USG 3895 Wheat Variety Description

U. S. Patented Variety

USG 3895 wheat variety was released by UniSouth Genetics, Inc. It is a medium maturity, medium short height, awned variety. Test weight is great, and it has great winter hardiness with excellent standability and emergence. This variety is adapted for NC and the North. It will not lodge/deep rooted. It has excellent yield potential. Disease resistance is excellent.

VA-258 Wheat Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

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 awnleted. 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 45 Wheat Variety Description

U. S. Protected Variety

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 stage 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 Soil Borne Mosaic Virus, and glume blotch and Fusarium Head Blight. It also is moderately susceptible to Stripe Rust.

TURFGRASS SOD

Celebration Bermudagrass Turfgrass Sod

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 | 434-219-2277 | C |
| Culpeper | Woodward Turf Farms, Inc., Remington | 540-727-0020 | C |
| Loudoun | Premier Turf Farms, Inc., Round Hill | 703-431-3385 | 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 Farm LLC, Nokesville | 703-499-0187 | C |
| Prince William | Nova Turf Farm, Inc., Nokesville | 703-594-3406 | 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., Remington | 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., Remington | 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 |

Premier Bermudagrass (PremierPRO Brand) Turfgrass Sod

Plant Patent Protected

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|------------------------------|--------------------|--------------|
| Campbell | Bass Sod Farm, Gladys | 434-219-2277 | C |
| Charles City | Riverside Turf, Charles City | 804-829-2608 | F R 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., Remington | 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., Remington | 540-727-0020 | C |

Tahoma 31 Bermudagrass Turfgrass Sod

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|------------------------------|--------------------|--------------|
| Charles City | Riverside Turf, Charles City | 804-829-2608 | C |

TifTuf™ 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> |
|---------------|--------------------------------------|--------------------|--------------|
| Charles City | Meadowspring Turf, LLC, Charles City | 804-829-2696 | R C |

Tifway (419) Bermudagrass Turfgrass Sod

| <u>County</u> | <u>Name, City</u> | <u>Telephone #</u> | <u>Class</u> |
|---------------|------------------------------------|--------------------|--------------|
| 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 | R 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 |

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 |

**Visit our website for Variety Test Results
from 25 Land Grant Universities and
Sources of Virginia Grown Seed:**

www.virginiacrop.org

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.

Premier Bermudagrass (PremierPRO Brand) Variety Description

Plant Patent Protected

Premier is a unique variety of bermudagrass that was discovered under cultivated conditions in a golf course fairway near Seal Beach, California. It was identified in the field as having a darker green leaf color than its suspected parent, Tifgreen. Premier was propagated by the inventors under field and greenhouse conditions in Parker, Texas by cutting of rhizomes and stolons, rooting them in soil, and planting of the rooted material to provide planting stock for studying performance. Asexually reproduced plants have remained stable and true to type through successive generations of propagation. It is a perennial bermudagrass that spreads by both stolons and rhizomes. Premier has not shown any susceptibility in tests to date to the diseases and insects common to the bermudagrass genus. It will be limited only by winter survival in colder regions, and is undergoing further research to determine the most northern area of survival at this time.

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.

Tahoma 31 Bermudagrass Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified Seed

Tahoma 31 turf bermudagrass was released by the Oklahoma State University turf bermudagrass breeding and development team in 2017. The grass has substantial improvements in cold hardiness, early spring green up, drought resistance, and traffic tolerance. It has short internodes, offering tolerance to low mowing heights. This grass combines high turf quality and wide adaptation. It is a sterile hybrid that is only capable of being propagated by vegetative reproduction (i.e.; sod, sprigs, and plugs). It is sold only as Certified turf bermudagrass from licensed producers. It can be used where high quality turf is demanded and good management will be practiced on sites that include sports fields, golf courses, commercial properties, and high quality residential lawns.

TifTuf™ Bermudagrass Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified Seed

TifTuf™ Bermudagrass is sold only as a certified bermudagrass. It sets the new scientific standard in drought resistance and sustainability - requiring less water and recovering from drought faster than any other bermudagrass on the market. It has a fine texture, bright green color, and boasts superior recovery from traffic and injury. It is the all-around best choice for professionals and homeowners seeking a low-maintenance turf with excellent performance under stress. It is grown year-round at NG Turf and can be installed as dormant sod during the winter months. It is an aggressive grower and establishes quickly.

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.

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

| 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 |
| F | | |
| Farmers Rest Farm, Inc..... | 11801 Farmers Rest Road, Charles City, VA 23030..... | 804-241-5629 |
| Featherstone Farm Seed..... | 13941 Genito Rd., Amelia, VA 23002..... | 804-561-3754 |
| G | | |
| Green Sprig Ag Services..... | 5688 Old Forge Rd., Rocky Mt. VA 24151..... | 540-420-1639 |
| H | | |
| Hill View Farms, Inc. | 1324 Clearview Drive, Danville, VA 24540..... | 434-685-7921 |
| Hudson Farms | 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 |
| S | | |
| Sandy Fork Fertilizer, LLC/Danny Pittard..... | 6142 Highway 58, Buffalo Junction, VA 24529..... | 434-265-6581 |
| 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 Bodensine | 12409 Maple St.#B, Ashland, VA 23005..... | 804-798-5262 |
| AgriPro Coker/Phil Farmer | 358 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 22803 | 540-434-6753 |
| C | | |
| Circle Grove Seeds, Inc./Marian Keech | P. O. Box 280, Belhaven, NC 27810 | 252-943-3141 |
| Clark Seeds, Inc./Jim Clark | P. O. Box 219, Kenton, DE 19955 | 302-653-9249 |
| Crop Production Services/Deanna Blackwell ... | P. O. Box 9, Wylliesburg, VA 23976 | 434-735-8144 |
| Crop Production Services/Ed Layne | P. O. Box 520, Hopewell, VA 23860 | 804-458-6301 |
| E | | |
| Eddie Mercer Agri-Services, Inc/ | | |
| Tom Mullineaux..... | 6900 Linganore Rd, Frederick, MD 21701..... | 410-409-7538 |
| F | | |
| Fuller Seed & Supply/Terry Fuller | 11262 Hwy. 49, Poplar Grove, AR 72374 | 870-829-3461 |
| G | | |
| Greensboro Supply, Inc./Loren Cohen | P. O. Box 28, Greensboro, MD 21639 | 410-482-6211 |
| 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 20759 | 240-554-0359 |
| R | | |
| Raynor Certified Tobacco Seed/R.T. Raynor.... | P. O. Box 2524, Rocky Mount, NC 27802 | 252-446-5229 |
| Rehoboth Agrotech/Bob Atkins | P. O. Box 125, Branchville, VA 23828 | 757-654-0675 |
| S | | |
| Seedway, Inc./Jerry Davis | 5901 Vera Cruz Road, Emmaus, PA 18049 | 610-967-4131 |
| 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 24077 | 540-992-1100 |
| Southern States Coop., Inc./Norman Jones | P. O. Box 459, Cloverdale, VA 24077 | 540-992-1100 |
| 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 |