

# VIRGINIA CERTIFIED SEED DIRECTORY

## 2019 Fall Planting

---



**GROWN IN VIRGINIA**

---

**BARLEY  
OATS  
RYE  
TRITICALE  
TURFGRASS SOD  
WHEAT**

Issued by  
**Virginia Crop Improvement Association**  
9225 Atlee Branch Lane  
Mechanicsville, Virginia 23116  
Telephone: 804-746-4884  
website: [www.virginiacrop.org](http://www.virginiacrop.org)  
in cooperation with  
Virginia Cooperative Extension

# Virginia Crop Improvement Association, Inc.

## Officers

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

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|   | Term Expires |
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| Arthur Duke, Charles City .....         | 2021         |
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| Colin Whittington, Amelia.....          | 2021         |
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| Robert Pollok, Danville.....            | 2020         |
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| 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](http://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



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## 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](http://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 | #Bullet*         | 112355W      | WJ 102014              | SS 1414          |
| Flavia*          | Featherstone 31* | 112371W      | VA-258                 | Trical 154-      |
| Hirondella*      | Featherstone 73  | 16162692*    | Vision 45              | Trical Gainer    |
| LCS Calypso      | Hilliard*        | 72014415     | Shirley                |                  |
| Secretariat      | LCS 3204         | #Warrior*    | Southern Harvest 7200* |                  |
| Thoroughbred     | Laverne*         | Merl         |                        |                  |

\* PVPA Applied For



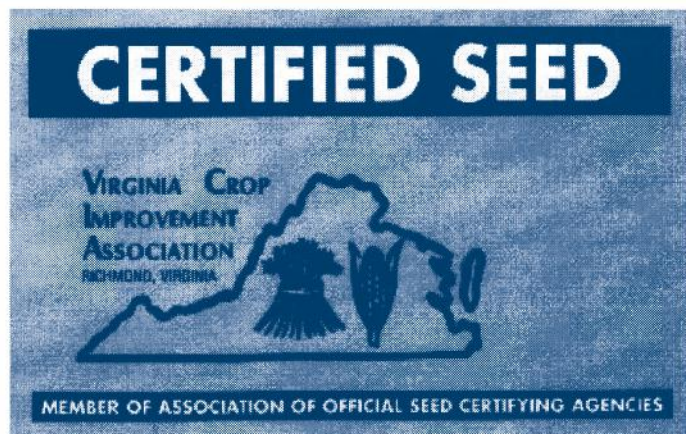
# The Foundation Seed Division of the Virginia Crop Improvement Association

Specializing in Small Quantity Increase,  
Purification, Maintenance of Experimental  
Lines, Private Lines and Varieties,  
Public Varieties, Special Use Lines  
and Varieties of

- \* Small Grains
- \* Soybeans
- \* Peanuts

**For Additional Information Contact:**  
**Phillip Browning, Manager**

VCIA Foundation Seed Farm  
P. O. Box 78, 4200 Cople Highway  
Mt. Holly, Virginia 22524  
Phone: 804-472-3500  
Fax: 804-472-4649  
Email: [pwb1986@vt.edu](mailto:pwb1986@vt.edu)



Plant Certified Seed for Higher Yield and Greater Profit

**VIRGINIA CROP IMPROVEMENT ASSOCIATION SEED PRODUCERS  
2019 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

**F**

Farmers Rest Farm, Inc..... 11801 Farmers Rest Road, Charles City, VA 23030.....804-241-5629  
 Farrar Sod Farm, Inc. .... 996 Baskerville Road, Baskerville, VA 23915..... 434-689-2228  
 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 Enterprises, Inc. .... 1008 White Lane, Alton, VA 24520.....434-579-4542  
 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 Company..... P. O. Box 806, Fostoria, Ohio 44830.....419-435-8151  
 Mid-Atlantic Seeds, Inc. .... 4965 Cople Hwy., Mt. Holly VA 22524.....800-854-6251  
 Nutrien Ag Solutions..... 319 J F Edwards Dr., Geneseo, IL 61254..... 309-944-4791  
 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..... 5500 Salem Run Road, Charles City, VA 23030..... 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> |
|---------------|--|--------------------|--------------|
| Charles City  | Virginia Identity Preserved Grain, LLC | 804-832-6550       | R            |
| Charles City  | Virginia Identity Preserved Grain, LLC | 804-832-6550       | C            |
| Westmoreland  | VCIA Foundation Seed Farm, Mt. Holly   | 804-472-3500       | F            |

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

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

**Hirondella Barley***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 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            |

**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            |





Hill View Farms, Inc.

## Growers and Conditioners of Quality Certified Seed

- Two Row and Six Row Barley
- Conventional and RR1 Soybeans
- Wheat and Oats

*"Producing quality seed for three generations"*

Owner, Robert Pollok

1324 Clearview Drive  
Danville, VA 24540

sales/cell: 434-770-9311  
email: [hillviewfarmpollok@yahoo.com](mailto:hillviewfarmpollok@yahoo.com)



**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       |              |
| 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            |

**Trical 154-Trical Gainer Triticale***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            |

**#Berkeley Brand Wheat (Variety 16162692)***U. S. Variety Protection Applied For*

| <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            |
| Westmoreland  | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500       | F            |

**#Bullet Wheat***U. S. Variety Protection Applied For*

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

**5210 HR (Nidera 21) Wheat**

| <u>County</u> | <u>Name, City</u>                      | <u>Telephone #</u> | <u>Class</u> |
|---------------|--|--------------------|--------------|
| Charles City  | Virginia Identity Preserved Grain, LLC | 804-832-6550       | 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 9600 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

**Dyna-Gro 9701 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

**Dyna-Gro 9772 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

**Dyna-Gro 9811 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            |

**Dyna-Gro 9862 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

**Dyna-Gro 9932 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

**Dyna-Gro 9941 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |

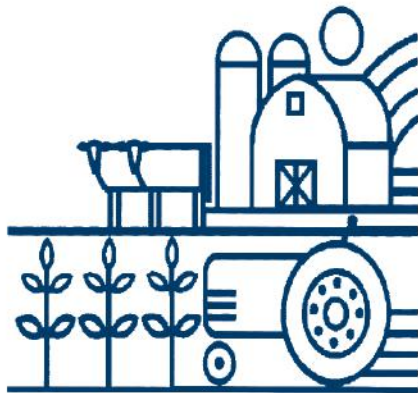
**Dyna-Gro 9980 Wheat**

| <u>County</u> | <u>Name, City</u>                 | <u>Telephone #</u> | <u>Class</u> |
|---------------|-----------------------------------|--------------------|--------------|
| Retail Stores | Nutrien Ag Solutions, Geneseo, IL | 309-944-4791       | QA           |



# HUNDLEY SEED COMPANY

CONDITIONER & WHOLESALE



## *CERTIFIED SMALL GRAINS AND SOYBEANS*

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Conveniently Located  
Highway 17 South  
P. O. Box 93  
Champlain, VA 22438*

**Phone: 804-443-8206**

**Fax: 804-443-0906**



*Quality  
Certified  
Small Grains and  
Soybeans*

**R.W. WHITE FARM, LLC**

1961 Princess Anne Lane  
Virginia Beach, VA 23456  
Telephone: 757-621-0141

***Serving the Industry  
for  
Three Generations***

***\* Since 1940\****





**Featherstone 31 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 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> |
|---------------|---------------------------------------|--------------------|--------------|
| Halifax       | Hudson Farms Enterprises, Inc., Alton | 434-579-4542       | C            |
| Pittsylvania  | Hill View Farms, Inc. Danville        | 434-770-9311       | R            |
| Pittsylvania  | Hill View Farms, Inc. Danville        | 434-770-9311       | C            |

**KWS 192 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            |

**KWS 236 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            |

**KWS 240 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            |

**KWS 242 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            |

**Laverne 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 #2 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           |



**WHEAT**

**Featherstone 31**  
**Featherstone 73**  
**Featherstone VA-258**  
**USG 3228**  
**USG 3316**  
**USG 3458**

**Barley**

**Flavia**  
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**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 #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 Enterprises, Inc., Alton | 434-579-4542       | 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 | Nutrien Ag Solutions, Geneseo, IL    | 309-944-4791       | 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-2719 Wheat**

| <u>County</u> | <u>Name, City</u>               | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------|--------------------|--------------|
| Easton, MD    | Tidewater Seed, LLC, Easton, MD | 410-443-0840       | QA           |

**TWS-2818 Wheat**

| <u>County</u> | <u>Name, City</u>               | <u>Telephone #</u> | <u>Class</u> |
|---------------|---------------------------------|--------------------|--------------|
| Easton, MD    | Tidewater Seed, LLC, Easton, MD | 410-443-0840       | 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           |
| Westmoreland  | VCIA Foundation Seed Farm, Mt. Holly | 804-472-3500       | F            |

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

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

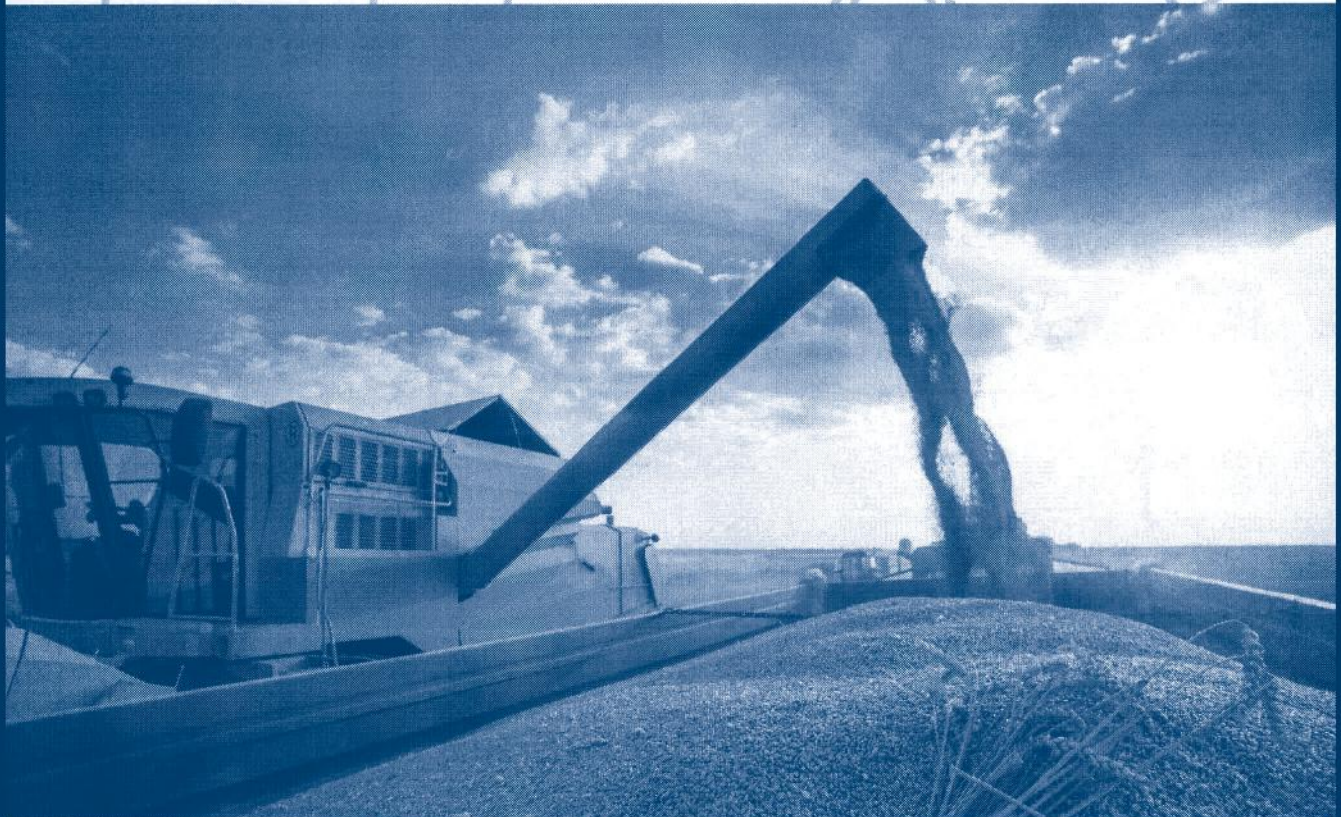




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**USG 3228 Wheat***U. S. Patented Variety*

| <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 3230 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 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           |

**USG 3329 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 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           |

**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           |

**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           |
| Essex         | Hundley Seed Company, Champlain       | 804-443-8206       | QA           |

**USG 3790 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 3895 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           |

**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            |

**#Warrior Wheat**

*U. S. Variety Protection Applied For*

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

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Telephone: 902-775-1660 Fax: 901-775-3308  
email: [david.johnston@sgs.com](mailto:david.johnston@sgs.com)

## 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 Saatzzucht 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.

### **Hirondella Barley Variety Description**

*U. S. Variety Protection Applied For*

**Hirondella** is a winter six row malting barley developed by Ackermann Saatzzucht Germany. It is a medium maturity variety that is 3 days later than Thoroughbred and the same as Endeavor. It is medium plant height, 1" shorter than Thoroughbred and the same height as Endeavor. The head is erect (not dense), strap in shape, and is slightly waxy. It is a long awned variety. Awn surface is rough and hair is absent. It has intermediate resistance to Net Blotch, Spot Blotch, Powdery Mildew, Loose Smut, Stem Rust, and Leaf Rust. It has resistance to Soil Borne Mosaic Virus and Barley Yellow Dwarf Virus.

### **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, 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 standability 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.

### **Trical 154 - Trical Gainer Triticale Variety Description**

*U. S. Protected Variety*

*Can be sold only as a class of Certified seed*

**Trical 154 - Trical Gainer** was released by Northern Agri-Brands LLC and is a hexaploid winter-type triticale developed for its winter-hardiness, high vegetative forage yield, high boot state silage yield, and early maturity. It is green at booting, with leaves that are glossy and semi-upright Flag leaf is recurved, not twisted and waxy. It has tan awns and matures early



## 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.

### #Berkeley Brand 16162692 Wheat Variety Description

*U. S. Variety Protection Applied For*

# **Berkeley Brand 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.

### #Bullet Wheat Variety Description

*U. S. Variety Protection Applied For*

#**Bullet** is a strong, bearded soft red winter wheat variety that hits the mark with outstanding yields across a broad range of soil types. It is a medium-early variety, 37" in height with a heavy test weight and excellent lodging. Awned and excellent for all soil types. It is resistant to soil borne mosaic virus, barley yellow dwarf, leaf blotch, glume blotch, powdery mildew, stripe rust, leaf rust, scab and Hessian Fly Biotype.

### 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.

## **Featherstone 31 Wheat Variety Description**

*U. S. Variety Protection Applied For*

**Featherstone 31** is a soft red winter wheat cultivar. It is a high yielding, full-season, short semi-dwarf wheat. Plant and spike color are green, and its awned spikes are tapering in shape. Featherstone 31 has higher Lactic Acid SRC and therefore strong gluten strength and would be more suitable in production of crackers and other products requiring stronger gluten strength. Reaction to disease and insect pests has been evaluated over diverse environments. It is resistant to Powdery Mildew and Leaf Rust. It is moderately resistant to Barley Yellow Dwarf Virus and Leaf Blotch, and Glume Blotch. It is susceptible to Hessian fly, Stem Rust, and Strip Rust.

## **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.

## **Laverne Wheat Variety Description**

*U. S. Variety Protection Applied For*

**Laverne** is a soft red winter wheat line developed at VA Tech. It is a broadly adapted, early heading, semi-dwarf variety that is very short in plant height with very good straw strength. It expresses moderate to high levels of resistance to powdery mildew, leaf rust, stripe rust, stem rust, Barley Yellow Dwarf Virus, Wheat Spindle Streak Mosaic Virus, leaf blotch, leaf and glume blotch, and Fusarium Head Blight. Plant and spike color are green, and its awnletted spikes are strap in shape.



## **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.

## **MAS #2 Wheat Variety Description**

**MAS #2** is available at Mid-Atlantic Seeds, Inc. It is a medium maturity, smooth head, tall variety wheat. It has excellent head blight. It was the tallest wheat in the PA and MD Wheat Trials in 2011. It is excellent for straw production and has very good winter hardiness. Test weight is very good with excellent yield.

## **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 1<sup>st</sup> in 2014 Maryland State Wheat Trial with 128.2 bu/acre and 2<sup>nd</sup> 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 1<sup>st</sup> in the 2014 Maryland State Performance Trial with 63.2 bu/acre. This variety is available at 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 2<sup>nd</sup> 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.

### **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-2719 Wheat Variety Description**

**TWS-2719** is a medium-early, soft red winter wheat with high yields. It is an awned variety, with a plant height above medium. It has resistance to FHB-1 scab and has very good powdery mildew resistance. It is widely adapted to all soils and has shown stable performance across all environments. Test weight was excellent.

### **TWS-2818 Wheat Variety Description**

**TWS-2818** is a medium-early soft red winter wheat. It is an awned variety, with medium plant height. Standability is very good. It has resistance to FHB-1 scab, and is resistant to Hessian Fly Bio type L. TWS-2818 is a market leader with fast growth and excellent tillering, high yielding and widely adapted.

### **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 3230 Wheat Variety Description**

*U. S. Patented Variety*

**USG 3230** wheat is an early maturing variety released by UniSouth Genetics, Inc. It is medium-short and awned with great test weight. It has excellent Winter hardiness, standability, emergence and tillering. This variety has good resistance to Southern Rust races, fast emergence and early growth. It has excellent resistance to leaf rust and powdery mildew and stripe rust. It has moderate resistance to soil borne mosaic virus. Resistance to scab is fair.

### **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 UniSouth 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 3790 Wheat Variety Description**

*U. S. Patented Variety*

**USG 3790** is a medium late variety of soft red winter wheat released by UniSouth Genetics, Inc. It is medium short with awned heads and great test weight. It has excellent Winter hardiness, standability, and tillering. It is resistant to Stripe Rust and a perfect fit for the Mid-Atlantic region. It will not lodge. It is resistant to soil borne mosaic virus, and powdery mildew, glume blotch, leaf blotch, and moderately resistant to scab 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 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 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.

### **#Warrior Wheat Variety Description**

*U. S. Variety Protection Applied For*

**#Warrior** wheat is a consistent performer under pressure with a good defensive stance against disease and will give your fields the winning edge. Defend your yields with this non-bearded variety. It is a medium-early awnless wheat with excellent lodging, 35" in height and a heavy test weight. It is excellent for all soil types. #Warrior is resistant to Hessian Fly Biotype and is resistant to leaf blotch, glume blotch, powdery mildew, stripe rust. It has moderate resistance to Soil Borne Mosaic Virus.



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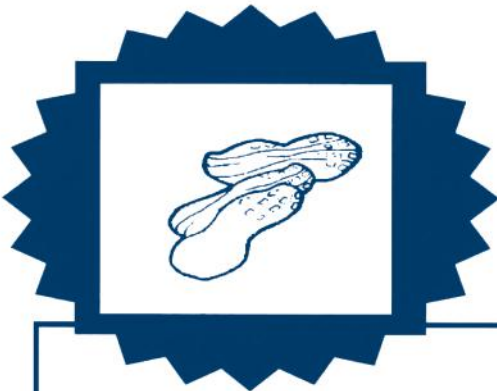
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## Seed Conditioners

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 Enterprises, Inc. ....           | 1008 White Lane, Alton, VA 24520.....                  | 434-579-4542 or 434-579-2679 |
| 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                 |





## 2019-20 Virginia Turfgrass Variety Recommendations

Mike Goatley, Turfgrass Specialist, Virginia Tech

Whitnee Askew, Research Associate, Virginia Tech

Thomas Hardiman, Virginia Crop Improvement Association and Virginia Tech

The Maryland-Virginia Turfgrass Variety Recommendation Work Group meets annually to consider the previous year's data from Virginia and Maryland National Turfgrass Evaluation Program (NTEP) and ancillary trials and to formulate these recommendations. Virginia and Maryland variety recommendations are essentially identical except for specialized grasses and research situations that differ due to adaptation and state regulation. To qualify for this recommended list turfgrass varieties: 1) must be available as certified seed or, in the case of vegetative varieties, as certified sprigs or sod; 2) must be tested at sites in both Virginia and Maryland; 3) must perform well, relative to other varieties, for a minimum of two years to make the list as a "promising" variety and for three years to make the "recommended" category. All test locations in Virginia and Maryland are considered in making these recommendations. The Virginia Crop Improvement Association (VCIA) will accept the turfgrass blends or mixtures listed below in the VCIA Sod Certification Program. All seed or vegetative material must be certified and meet minimum quality standards prescribed by the VCIA. Many seeding specifications (for municipalities, counties, state and governmental agencies, landscape architects, and professional organizations) state that varieties used for turfgrass establishment must come from this list and that blends or mixtures follow the guidelines for certified sod production. Specifications for state highway seeding can be developed separately and may require some species and/or varieties not normally recommended for uses other than roadside seeding. Seed availability may vary between turf seed suppliers. Some species and varieties may have limited adaptation.

**Kentucky Bluegrass** – Individual varieties selected must make up not less than 10%, nor more than 35% of the total mixture on a weight basis. All varieties must be certified. Selections can be made from Category I alone or various combinations of Categories I and II. Kentucky bluegrasses listed as "Promising" (Category II below) can account for no more than 35% of the blend by weight).

**Category I – Recommended Kentucky Bluegrass Varieties (65–100% of blend by weight).** Aries, Blue Bank, Blue Coat<sup>4</sup>, Blue Note, Bolt<sup>4</sup>, Endurance<sup>4</sup>, Full Back, Hampton, Legend<sup>4</sup>, Midnight, Noble, Shannon, SPF30, and Skye.

**Category II – Promising Kentucky Bluegrasses (10–35% on a weight basis).** Apollo H2O, Barserati, Barvette, Conquistador, Crest, Dauntless, Deja Blue, Delta Blue, Desert Moon, Endurance, Haromine, Heidi, Jackrabbit, Keeneland, Mercury, Mystere H2O, Orion, Ridgeline<sup>1</sup>, Rhapsody, Sombrero, SPF30, Spitfire, Tejas, Valley View, Volt<sup>1</sup>, and Wildhorse<sup>1</sup>. (Ridgeline, Volt and Wildhorse are only for mixing with tall fescue for mixed species sod production).

**Tall Fescue – Both recommended and promising varieties can be used in the VCIA Sod Certification Program.**

**Category I – Recommended Tall Fescue Varieties (90–100% on a weight basis).** 4th Millennium SRP<sup>4</sup>, Annapolis<sup>4</sup>, Avenger II, Black Tail<sup>4</sup>, Bloodhound, Bladerunner II<sup>4</sup>, Bullseye, Catalyst<sup>4</sup>, Crossfire 4<sup>4</sup>, Embrace<sup>4</sup>, Falcon V<sup>4</sup>, Fantasia<sup>4</sup>, Fayette, Firebird 2<sup>4</sup>, Firecracker SLS<sup>4</sup>, Foxhound<sup>4</sup>, Gazelle II, Gold Medallion, Grande 3, Guardian 41<sup>4</sup>, GTO<sup>4</sup>, Hemi, Hot Rod<sup>4</sup>, Houndog 8, Inferno<sup>1</sup>, Integrity<sup>1</sup>, Justice, Leonardo, Maestro, Meridian<sup>4</sup>, Michelangelo, Mustang 4, Penn RK4, Raptor III, Rebel IV, Rebel V, Rebounder, Reflection, Regenerate, Rendition RX<sup>1</sup>, Rockwell, Rowdy, Saltillo, Screamer LS<sup>4</sup>, Speedway<sup>4</sup>, Spyder LS, SR 8650<sup>4</sup>, Sunset Gold<sup>1</sup>, Supersonic<sup>4</sup>, Technique<sup>4</sup>, Temple<sup>4</sup>, Terrano<sup>4</sup>, Thor<sup>4</sup>, Titanium 2LS, Titan Rx, Trinity<sup>4</sup>, Turbo, Turbo RZ, Turfway<sup>4</sup>, Valkyrie LS<sup>4</sup>, Wichita<sup>4</sup>, Xtender<sup>4</sup>, and Xtremegreen<sup>1</sup>.

**Category II – Promising tall fescue varieties (may be 90–100% of the mixture on a weight basis):** AST 7003, AST 9003, Birmingham, Firewall, Lifeguard, Maestro, Monument, Moondance, Moondance GLX, Paramount, Persuasion, Pro Gold, Rain Dance, Six Point, Springwood, South Fork, and WATKINS.



**Kentucky bluegrass varieties recommended for mixing with tall fescue sod to enhance sod strength (10% standard, up to 15% of the seed mixture by weight is possible for certification):** All cultivars in Categories I and II above.

**Bermudagrass** – Varietal differences in texture and winter hardiness are important considerations. If no notation follows the variety name this indicates it has performed in the top statistical category at both Blacksburg and HRAREC in Virginia Beach. Varieties with the notation # are only recommended in Virginia's warmest regions due to cold tolerance concerns. No guarantees can be made regarding any bermudagrass cultivar's winter survival in the transition zone, as damage to any cultivar is possible in an extreme winter.

**Category I – Recommended vegetatively propagated bermudagrass varieties:** Celebration<sup>#</sup>, Latitude 36, Northbridge, Patriot, Premier Pro brand (variety name is Premier), Tahoma 31, TifTuf, and Tifway<sup>#</sup>.

**Category II – Promising vegetatively propagated bermudagrass varieties:** Iron Cutter.

**Category III - Recommended seeded bermudagrass varieties:** Princess-77<sup>#,3</sup>, Riviera<sup>3</sup>, and Yukon<sup>3</sup>.

**Category IV – Promising seeded bermudagrass varieties:** Arden 15, Monaco, Rio, and SWI-1070.

**Zoysiagrass** – (Varietal differences in texture and winter hardiness are important considerations.)

**Category I – Recommended vegetatively propagated zoysiagrass varieties:** Meyer and Zeon

**Category II – Recommended seeded zoysiagrass varieties:** Zenith

**Perennial Ryegrass** – (not for use in sod production) Use certified seed.

**Category I – Recommended perennial ryegrass varieties:** Apple SGL, Banfield, Benchmark, Fiesta 4, Grand Slam GLD, Homerun, Karma, Line Drive GLS, Octane<sup>4</sup>, Soprano, and Stellar 3 GL.

**Category II – Promising perennial ryegrass varieties:** Alloy, All Star 3, Apple 3GL, Evolve, Gray Fox, Gray Wolf, Homerun LS, Infusion, Intense, Manhattan 6 GLR, Monsieur, Palmer Elite, Pop, Seabiscuit, Shield, Signet, Silver Spot, Slugger 3GL, Umpqua, and Xcelerator.

**Fine Fescues** – For general use in low maintenance areas or in partial to full shade. Promising varieties have limited performance data or availability as certified seed. Neither blending varieties nor mixing species have been studied extensively in MD or VA and limited research does not indicate any advantage to blending or mixing varieties from the different fine fescue species listed. Use only certified seed.

**Creeping red fescue – Recommended varieties:** None at this time. **Promising:** Seamist.

**Chewings fescue – Recommended:** Radar<sup>1</sup>. **Promising:** Compass II, Momentum.

**Hard fescue – Recommended:** Beacon, Gladiator, Jetty, Minimus, Resolute, and Sword. **Promising:** None at this time.

**Sheep fescue – Recommended or promising:** None at this time.

**Kentucky bluegrass varieties recommended for mixing with fine fescue sod to enhance sod strength (up to 10% of the seed mixture by weight):** All cultivars from Kentucky bluegrass Categories I and II.

**Varieties marked with superscript notations denote the following:**

<sup>(1)</sup> to be considered for removal in 2020 due to declining performance relative to other varieties.

<sup>(2)</sup> to be considered for removal in 2020 due to declining seed quality.

<sup>(3)</sup> to be considered for removal in 2020 due to the absence of recent testing of certified seed lots in MD and VA.

<sup>(4)</sup> to be considered for removal in 2020 due to lack of recent testing in MD and VA.





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## TURFGRASS SOD

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### 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            |

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### 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            |

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### 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        |

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### 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        |

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### 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            |

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### 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        |

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### 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            |

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### **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          |
| Mecklenburg   | Farrar Sod Farm, Inc., Baskerville   | 434-689-2228       | R C          |

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### **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            |

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### **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          |

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### **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          |

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### **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            |

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## 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.



### **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. It 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.



## Associate Members

Listed alphabetically by company

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