

Index

Page

Peanuts.....

Peanut Variety Descriptions.....

Soybeans

Soybean Quality Assurance Program.....

Soybean Variety Descriptions.....

Turfgrass Sod.....

Turfgrass Sod Variety Descriptions.....

*** F = Foundation, R = Registered, C = Certified, QA = Quality Assurance**

Approved Private Labs

Associate Members.....

Certified Producers (2020 Spring Planting).....

Foreword/Notice to Buyers.....

Officers and Directors.....

Plant Variety Protection.....

Seed Conditioners.....

Seed Protection Rights and Responsibilities.....

Turfgrass Variety Recommendations.....

Virginia Crop Improvement Association, Inc.

Officers

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

Directors

	Term Expires
M. L. Everett, Jr., Capron	2022
Jeffrey Hula, Charles City.....	2022
Carson Daughtrey, Franklin.....	2022
Arthur Duke, Charles City	2021
William Gwaltney, Jr., Windsor.....	2021
Colin Whittington, Amelia	2021
Westley Drake, Newsoms.....	2020
Matt Hall, Charles City.....	2020
Robert Pollok, Danville.....	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

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

VCIA Foundation Seed Farm

P. O. Box 78
4200 Cople Highway
Mt. Holly, Virginia 22524
Telephone: 804-472-3500
Fax: 804-472-4649
E-mail: pwb1986@vt.edu

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, Canada, and several other countries.

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 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:

Peanuts

Bailey
Bailey II*
Emery*
FloRun™ "331"
Gregory
Sugg
Sullivan
TUFRunner™ "297"
TUFRunner™ "511"
Walton*
Wynne

Soybeans

Derry
Glenn
MFL-2P59*
MFS-48P1*
Tara
Tyrone
USG 5618V*

VIRGINIA CROP IMPROVEMENT ASSOCIATION PRODUCERS

2020 Spring Planting

B-C

Bass Sod Farm.....	P.O. Box 157, 8250 Brookneal Hwy. Gladys, VA 24554...	434-219-2277
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
Chantilly Turf Farms, Inc.....	24282 Quail Ridge Ln., Aldie, VA 20105.....	703-327-0908

F

Farmers Rest Farm, Inc.....	11801 Farmers Rest Road, Charles City, VA 23030.....	804-241-5629
Farror Sod Farm, Inc.	996 Baskerville Road, Baskerville, VA 23915.....	434-689-2228
Featherstone Farm Seed.....	13941 Genito Rd., Amelia, VA 23002.....	804-561-3754
Franklin Turfgrass, Inc.....	408 River Road, Franklin, VA 23851.....	757-569-8873

H

Hill View Farms, Inc.....	1324 Clearview Drive, Danville, VA 24540.....	434-770-9311
Hundley Seed Company.....	Rt. 17, P. O. Box 93, Champlain, VA 22438.....	804-443-8206

I - L

Indika Farms, Inc.....	4186 Five Forks Rd., Windsor, VA 23487.....	757-242-6607
Kettle Wind Sod Farm, LLC.....	11261 Morla Lane, Nokesville, VA 20181	703-470-5537
Lavery Sod Farm.....	P.O. Box 387, Shawsville, VA 24162	540-268-1220

M

Meadowspring Turf, LLC	17820 The Glebe Lane, Charles City, VA 23030.....	804-829-2696
Mid-Atlantic Seeds, Inc.....	4965 Cople Hwy., Mt. Holly, VA 22524.....	800-854-6251
Montague Farms, Inc.....	35212 Tidewater Trail, Center Cross, VA 22437.....	804-443-3536

N-O-P

Nova Turf Farms, Inc.....	12005 Hazelwood Dr., Nokesville, VA 20181.....	703-594-3406
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

RCR Farms.....	715 E. Riverview Dr., Suffolk, VA 23434.....	757-644-7289
Redd & Redd	5399 E. Blackwater Rd., Zuni, VA 23898.....	757-777-7083
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 24529.....	434-265-6581
Sandy Ridge Farms, Inc.....	31251 Sands Rd., Newsoms, VA 23874.....	757-654-6400
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

W

Wakefield Peanut Company, LLC.....	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
Woodward Turf Farms, Inc.	P.O.Box 489, 14206 Lewis Ln, Remington, VA 22734.....	540-727-0020

Bailey Peanuts

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>
Isle of Wight	Indika Farms, Inc., Windsor	757-242-6607	R, C
Isle of Wight	Redd & Redd, Zuni	757-777-7083	R, C
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	R, C
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-589-5481	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Bailey II Peanuts

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Emery Peanuts

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	R, C
Isle of Wight	Indika Farms, Inc., Windsor	757-242-6607	C
Isle of Wight	Redd & Redd, Zuni	757-777-7083	R, C
Southampton	Sandy Ridge Farms, Inc., Newsoms	757-654-6400	R, C
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-589-5481	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

FloRun™ "331" Peanuts

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>
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	C

Gregory Peanuts

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>
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-899-5481	R, C

Sugg Peanuts

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>
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-589-5481	R, C

Sullivan Peanuts

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>
Isle of Wight	Indika Farms, Inc., Windsor	757-242-6607	R, C
Southampton	Sandy Ridge Farms, Inc., Newsoms	757-654-6400	R, C
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	R, C
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-589-5481	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

TUFRunner™ “297” Peanuts

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>
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	R, C

TUFRunner™ “511” Peanuts

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>
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	C

Walton Peanuts

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

Wynne Peanuts

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>
Southampton	Sandy Ridge Farms, Inc., Newsoms	757-654-6400	R, C
Suffolk	Birdsong Peanuts, Suffolk	757-539-3224	C
Sussex	Wakefield Peanut Company, LLC, Wakefield	757-589-5481	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Bailey Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Bailey is a Virginia type peanut with a flavor profile similar to the runner type flavor standard Florunner. Its characteristics include an alternate branching pattern, medium green foliage, and an intermediate runner growth habit. The Bailey peanut produces a medium Virginia type seed and a high content of fancy pods. Studies have indicated that it is partially resistant to early leafspot, *Cylindrocladium* black rot, *Sclerotinia* blight, and tomato spotted wilt virus.

Bailey II Peanut Variety Description

U. S. Variety Protection Applied For

Bailey II is a high-oleic version of the highly popular Bailey variety with a slight yield advantage. It has alternate branching pattern, intermediate runner growth and medium green foliage. It has tan seed coat and 42% jumbo pods and 44% fancy pods. It is a large-seeded Virginia-type peanut cultivar selected from a series of backcrosses to the Bailey cultivar. It was made in a conventional breeding program at North Carolina State University. Bailey is the most popular peanut variety grown in Virginia and the Carolinas because of its excellent yield potential and strong disease resistance package. Bailey is not high oleic and the peanut industry was calling for a variety that offered the agronomic traits of Bailey but was high oleic. High-Oleic varieties that offer greater shelf life than peanuts that are not high oleic.

Emery Peanut Variety Description

U. S. Variety Protection Applied For

Emery is a Virginia-type cultivar that was released by the breeding program of the North Carolina State University in the Spring of 2015. Emery is a large-seeded high-oleic cultivar with intermediate runner growth habit and medium green foliage. The seed coat color is tan. It has partial resistance to leaf spot caused by *Cercospora arachidicola*, Sclerotinia blight, and tomato spotted wilt. It could be considered susceptible to CBR. In Peanut Variety and Quality Evaluation trials conducted at five locations in the Virginia-Carolina production region from 2012 through 2014, Emery showed similar agronomic attributes as Bailey, but the ELK content was higher. Flavor attributes are also comparable with the latest releases from the NCSU. Super extra-large kernel content was on average 22.4 percent.

FloRun™ “331” Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

FloRun™ “331” was developed at the University of Florida. It has high oleic oil, high yield potential and resistance to white mold. One distinguishing feature is its percentage of jumbo kernels as measured from a 200 gram pod sample. Plant habit is a semi-erect runner. The number of days to maturity is 140 in the Southeast Region of the United States. The color of leaves at 60 days is light green. It is moderately resistant to Southern Stem Rot and moderately susceptible to Late Leaf Spot.

Gregory Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Gregory is a Virginia type peanut variety released by the North Carolina Agricultural Research Service. Its growth habit is intermediate between bunch and runner and has large seeds with pink testa. Gregory has larger pods and seeds than the largest Virginia type varieties currently available. Gregory was derived from a cross of NC 7 and NC 9. Gregory is similar to NC 7 in being susceptible to early leaf spot, *Cylindrocladium* black rot, Southern stem rot, and Sclerotinia blight. In comparison with NC 7, Gregory has more fancy size pods, more extra large kernels, fewer sound mature kernels, lower meat content, higher pod yield and higher value per acre.

Sugg Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Sugg is a Virginia-type breeding line selected as part of a program to develop cultivars with multiple disease resistance. It has alternate branch pattern, intermediate runner growth habit, medium green foliage, high contents of fancy pods, and Virginia-type pods. It has seeds with pink testa and extra large kernel content. It is partially resistant to resistant to the four most common diseases in the Virginia-Carolina peanut production area: early leafspot, *Cylindrocladium* black rot, Scierotinia blight, and tomato spotted wilt virus.

Sullivan Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Sullivan, released by North Carolina State University in 2013, is a high-oleic, Virginia-type cultivar with alternate branching pattern, intermediate runner growth habit, and medium-green foliage. It has partial resistance to the four common diseases in the Virginia-Carolina peanut production area: early leaf spot, CBR, Sclerotinia blight, and TSWV. Sullivan has approximately 45 percent jumbo pods and 40 percent fancy pods. Yields and the number of days to maturity are similar with Bailey (145 days).

TUFRunner™ “297” Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

TUFRunner™ “297” was developed by the University of Florida. This variety is an extra-large seeded runner-type peanut with high-oleic oil chemistry. Released in 2014, this variety has demonstrated very good resistance to white mold, good resistance to TSWV, but is susceptible to lead spot. Yield and grade have been excellent. It has a prominent center stem with semi-prostrate growth habit.

TUFRunner™ “511” Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

TUFRunner™ “511” was released by the University of Florida in 2013. It is a large-seeded, medium maturity runner-type peanut with high-oleic oil chemistry. It has very good resistance to white mold and moderate resistance to TSWV. Yield and grade have been excellent. The growth habit is prostrate with a good center stem. It has consistently demonstrated a great percentage of jumbo runner seeds.

Walton Peanut Variety Description

Walton peanut was jointly released early 2019 by Virginia Tech and the University of Florida. It is a Virginia-type peanut cultivar with similar good agronomic performance when compared with Bailey, Emery, and Bailey II under “normal” production with superior performance than these cultivars under extreme water deficit conditions. Seeds are elongated in shape and seed testa color is light pink to pink. It has dark green foliage; an intermediate growth habit and the main stem is not distinguishable from the lateral branches. Walton is a high-oleic cultivar with maturity similar to Virginia-type cultivars developed for the Virginia-Carolina Region.

Wynne Peanut Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Wynne was released by the North Carolina State University in 2013. This variety resembles Sullivan, which Wynne is related to through a Bailey sister line. Wynne has partial resistance to early leaf spot, CBR, Sclerotinia blight, and TSWV and has the high-oleic characteristic. The percentage of jumbo pods is 68 with 21 percent fancy pods. Seed have a pink seed coat and average seed. Just like Sullivan, Wynne has yield and maturity similar to Bailey, but significantly higher than Champs, NC-V11, Perry, and Phillips.

Visit our website:

www.virginiacrop.org

**For Variety Test Results from
25 Land Grant Universities and
Sources of Virginia Grown Seed**

Corbin Soybean Variety Description

Corbin is the first glyphosate tolerant variety developed by Virginia Tech. It has purple flowers, tawny pubescence and tan pod wall. It has determinate growth habit and has slightly small seed with yellow seed coat and gray hila. It showed resistance to SCN race 3 with a rating of 1 in 2016. It is susceptible to root knot nematode and sudden death syndrome. It showed resistance to stem canker in 2015 and 2016 respectively. Corbin is well-adapted in Virginia. It has high protein content and significantly high oil content. The Virginia Crop Improvement Association is currently overseeing the increase at the Foundation Seed Farm in Mount Holly, Virginia and will provide foundation seed.

Derry Soybean Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Derry has superior forage yielding ability and is not intended for grain production. Derry is a Group VI cultivar. It has white flowers and tawny pubescence. Seeds are yellow with shiny seed coat luster and black hila. Derry is an exceptionally tall cultivar with high forage yield potential and good lodging resistance. It is recommended for forage production in the northern mid-western states. It is resistant to bacterial leaf blight and bacterial pustule. It has expressed field tolerance to phytophthora root rot, but it has no known phytophthora resistance genes. It is susceptible to the soybean cyst nematode, downy mildew, and southern stem canker.

Greencastle Soybean Variety Description

Greencastle is an F4 derived line, selected at Beltsville, MD, by plant to row pedigree selection for tall, vigorous growth, lodging resistance, and forage quality and production. It has been observed for eight generations of seed increase and has been observed to be genetically uniform and stable. Greencastle is a tall growing maturity Group VI forage soybean with resistance to southern stem canker disease. It has a tawny pubescence, indeterminate growth habit, and white flowers. Seed is spherical with yellow seed coat color and a dull luster. It has good lodging resistance. It is susceptible to races 2 and 7 of the fungal pathogen inciting phytophthora root rot disease. It is susceptible to races 2, 3, and 14 of the soybean cyst nematode. It is resistant to southern stem canker disease.

Hutcheson Soybean Variety Description

Hutcheson is a Group 5 variety developed by Virginia Tech and released in 1987. It has white flowers, gray pubescence, and buff hila. Hutcheson is resistant to soybean mosaic virus, peanut stunt virus, and stem canker. Hutcheson has proven to be widely adapted throughout the Group 5 soybean belt.

Jake Soybean Variety Description

Jake is a mid Group V determinate variety that averages 32" in height. It has purple flowers, tawny pubescence, tan pods and black hila seed. Jake has shown resistance to races 1, 2, 3, 5, 14 of soybean cyst nematode, is resistant to reniform nematode, and has shown moderate resistance to root knot nematode. It is moderately resistant to sudden death syndrome and stem canker and is susceptible to phytophthora root rot.

MFL-2P59 Soybean Variety Description

U. S. Variety Protection Applied For

MFL-2P59 is a large-seeded cultivar, bred for the Asian export market. It was released by Virginia Tech in 2006 and is still widely grown in the mid-Atlantic area for export to Asian tofu processors. Quality factors contributing to soybean seed suitability for tofu processing include raw traits, such as seed size and hilum color, but extend into processing traits since the beans are ground and cooked. The most important traits are protein and sucrose content because higher protein soybeans produce more soy milk and tofu, and high sucrose content improves the tofu flavor. It is widely adapted to Virginia soybean production regions. It has high seed yield potential and produces sweeter tofu. It is moderately susceptible to stem canker.

MFS-48P1 Soybean Variety Description

U. S. Variety Protection Applied For

MFS-48P1 is a small-seeded cultivar, bred for the Asian export market and released by Virginia Tech in 2012. It is widely grown in the mid-Atlantic area for export to Asian natto processors. It has determinate growth habit with a relative maturity. It has purple flowers, gray pubescence and tan pod walls. Quality factors contributing to soybean seed suitable for natto processing include raw traits, such as seed size and hilum color, but extend into processing traits since the product is steamed and fermented prior to consumption. It is widely adapted to Virginia soybean production regions. It has high seed yield potential.

MO4901D GT Soybean Variety Description

MO4901D GT was released by the University of Missouri. It is a Maturity Group IV, glyphosate tolerant variety with purple flowers, tawny pubescence, tan pod walls, and black hila seed that average 3,180 seeds/lb. MO4901D GT has moderate resistance to soybean cyst nematode races 1,2,3,5, & 14 and sudden death syndrome. It has field tolerance to phytophthora root rot, moderate resistance to root knot nematode, and resistance to stem canker, frogeye leaf spot and reniform nematode, while containing a chloride excluder for salt tolerance. MO4901D GT requires a license agreement with Missouri Foundation Seed. Whereas farmer saved seed is allowed, unauthorized sales are prohibited.

Tara Soybean Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Tara is an early maturity Group V soybean with white flowers and tawny pubescence. Seeds are yellow with lustrous seed coats and black hila. Seeds weigh 14.4 g per 100. Seed protein percentage activity is high. Plant habit indeterminate. It is tolerant to purple stain, southern stem canker, bacterial pustule, and bacterial blight. It is susceptible to races 3 and 14 of soybean cyst nematode. Tara grows to a height of 1.8 meters under good growing conditions.

Titan Soybean Variety Description

Titan is a maturity Group 7, indeterminate forage variety. The indeterminate characteristic allows for continual growth from terminal buds. Even after being browsed, it will continue yielding late into the growing season. Its full season forage production is second to none.

Tyrone Soybean Variety Description

U. S. Protected Variety

Can be sold only as a class of Certified seed

Tyrone is a Group 7 variety with superior forage yielding ability and is not intended for grain production. Tyrone is an exceptionally tall, late maturing cultivar with high forage yield potential and moderate resistance to lodging. It is recommended for forage production in the southern states. Tyrone has white flowers and grey pubescence. Seeds are yellow with shiny seed coat luster and brown hila. It is resistant to bacterial pustule, moderately resistant to downy mildew, susceptible to soybean cyst nematode and southern stem canker disease.

UA 5014C Soybean Variety Description

U. S. Plant Protected Patent

UA 5014C is a high-yielding early maturity conventional cultivar developed and released in 2014 by the Arkansas Agricultural Experiment Station. It is adapted to southern states. Before release, it was tested in 125 environments in Arkansas and other southern states from 2006 to 2014 for yield and other agronomic traits, where it had a yield potential comparable to conventional and Liberty Link cultivars of similar maturity. Plants of UA 5014C have determinate growth habit, purple flowers, tawny pubescence and tan pod walls. Seeds have yellow cotyledons with a dull yellow coat, and black hila. It is resistant to southern stem canker and moderately resistant to frogeye leaf spot and sudden death syndrome.

USG 5618V Soybean Variety Description

U. S. Variety Protection Applied For

USG 5618V is a conventional soybean variety with tawny pubescence, white flowers, tan pods, and black hilum. It has a semi-bushy growth type that is medium in height. Growth habit is determinate. It has high yield, high oil content, and an excellent disease package with resistance to Sudden Death, Cercospora, Brown Spot, Frogeye, and Stem Canker. Field Ratings were excellent with Shatter Resistance 1.2, Standability 2.0, Emergence 1.3, and averaged 3,000 seeds/lb.

Corbin Soybeans

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pittsylvania	Hill View Farms, Inc., Danville	434-770-9311	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Derry Soybeans

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

Greencastle Soybeans

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Richmond City	Southern States Cooperative	804-281-1440	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Hutcheson Soybeans

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pittsylvania	Hill View Farms, Inc., Danville	434-770-9311	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Jake Soybeans

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

MFL-2P59 Soybeans

U. S. Variety Protection Applied for

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Essex	Montague Farms, Inc., Center Cross	804-443-3536	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

MFS-48P1 Soybeans

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Essex	Montague Farms, Inc., Center Cross	804-443-3536	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

MO4901D GT Soybeans

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Pittsylvania	Hill View Farms, Inc., Danville	434-770-9311	R, C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Tara Soybeans

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

Titan Soybeans

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

Tower of Leaves Soybeans

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
State of Pennsylvania	Seedway, LLC., Emmaus, Pennsylvania	610-967-4131	Q

Tyrone Soybeans

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

UA 5014C Soybeans

U. S. Plant Patent Protected

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

USG 5618V Soybeans

U. S. Variety Protection Applied For

<u>County</u>	<u>Name, City</u>	<u>Telephone #</u>	<u>Class</u>
Charles City	Farmers Rest Farm, Inc., Charles City	804-241-5629	C
Charles City	Renwood Farms, Inc., Charles City	804-829-2450	C
Virginia Beach	R. W. White Farm, LLC, Virginia Beach	757-621-0141	C
Westmoreland	VCIA Foundation Seed Farm, Mt. Holly	804-472-3500	F

Virginia Quality Assurance Program

The following companies and seed enterprises have requested field inspection of their proprietary branded products under the VCIA Quality Assurance Program. Participation in this program demonstrates these companies efforts to use effective quality management in seed production and conditioning. This program provides an unbiased assessment and verification of key seed quality factors affecting seed performance. For more information about the Quality Assurance Program contact the VCIA. For further details about the products offered by these companies, contact them directly.

Farmers Rest Farm, Inc. **Telephone: 804-241-5629**
Charles City, VA

Z54750GT3 Soybean

Featherstone Farm Seed **Telephone: 804-561-3754**
Amelia, VA

USG 7470ET Soybean

USG 7480ET Soybean

USG 7499ET Soybean

Renwood Farms, Inc. **Telephone: 804-829-2450**
Charles City, VA

USG Ellis Soybean

USG 74D95R1 Soybean

USG 7390ET Soybean

USG 7446ETS Soybean

USG 7460ET Soybean

USG 7480ET Soybean

USG 7540XT Soybean

USG 7525XTS Soybean

USG 7480XT Soybean

USG 7496XTS Soybean

P4816RX Soybean

P6461RX Soybean

USG 7447 Soybean

P5909 LL Soybean

R. W. White Farm, LLC **Telephone: 757-621-0141**
Virginia Beach, VA

USG 7499ET Soybean

USG 7568XT Soybean

TURFGRASS SOD

Celebration Bermudagrass

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	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 Frm LLC, Nokesville	703-499-0187	C
Prince William	Nova Turf Farm, Inc., Nokesville	703-594-3406	C

Latitude 36™ Bermudagrass Turfgrass Sod

Variety OKC 1119

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

Variety OKC 1134

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

Plant Patent Protected

<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

Tahoma 31™ Bermudagrass Turfgrass Sod

Variety OKC 1131

Plant Patent Protected

<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
Variety DT-1

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

Plant Patent Protected

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

TURFGRASS SOD VARIETY DESCRIPTIONS

Celebration Bermudagrass Variety Description

Plant Patent Protected

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

Latitude 36™ Bermudagrass Variety OKC 1119 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 OKC 1134 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) 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 *Plant Patent Protected* 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 OKC 1131 Description

Plant Patent Protected

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 (ie.; 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 DT-1 Description

Plant Patent Protected

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.

Approved Private Laboratories for Analyzing Virginia Certified and Quality Assurance Seed

AB Seed Laboratory, LLC
4708 S. Old Peachtree Road, # 800B,
Norcross, Georgia 30071
P. O Box 922086, Norcross, Georgia 30010
Telephone 770-246-8282 Fax: 770-246-0789
email: abseedlab@bellsouth.net

Hulsey Seed Laboratory, Inc.
105 N. Clarendon Avenue, Avondale Estates, Georgia 30002
P. O. Box 132, Decatur, Georgia 30031-0132
Telephone: 404-294-5450 Fax: 404-294-8378
email: hulsey.seed@mindspring.com

SGS North America, Inc., Agri-Div. - Seed Lab
1019 Harbor Avenue, P. O. Box 13484
Memphis, Tennessee 38113
Telephone: 902-775-1660 Fax: 901-775-3308
email: david.johnston@sgs.com

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.....	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

VIRGINIA CROP IMPROVEMENT ASSOCIATION

*Providing Virginia Seedsmen With Quality Third Party Inspections For
Over 90 Years*

**Offering quality third party inspection and record keeping services in
the following areas:**

- * Traditional Certification Services
- * Quality Assurance Inspections for Private Lines and Brands
- * Herbicide Tolerant/Resistant Inspections
- * Identity Preserved Grain Inspections
- * Source Identified Inspections for Native Plants
- * Customized Inspection Programs to Match Company Needs

**Third party inspection programs provide you and your customers with
an assurance of quality and peace of mind.**

For additional information on how the VCIA can compliment your current
quality control program, please contact:

Virginia Crop Improvement Association
9225 Atlee Branch Lane
Mechanicsville, VA 23116
Telephone: 804-746-4884
Fax: 804-746-9447
Web Site: www.virginiacrop.com