



2020



**ANNUAL
DIRECTORY**

For
**SOYBEANS, OATS, SPRING BARLEY,
AND NOXIOUS WEED
FREE FORAGE AND MULCH**

OHIO CERTIFIED SEED

ABOUT THIS DIRECTORY

The following lists of seed growers include only those whose fields were planted with eligible seed stocks and whose applications for seed certification were received by publication date.

In no case is the seed yet CERTIFIED, for it must be cleaned, tested in the laboratory, and labeled with the official certification tag before it can be offered for sale as CERTIFIED SEED.

Seed certification is the means of maintaining the pedigree of a specific variety of seed. Seed producers voluntarily use seed certification to assure their customers that extra care has been taken to provide them with correctly identified, genetically pure seed. The CERTIFIED SEED label identifies seed meeting certification requirements and thereby assures the farmer of obtaining true varietal performance of the variety named on the label.

Each seed firm sets their own standards for mechanical purity and germination. The Ohio Seed Law requires that each container of seed be labeled as to its origin, the germination percentage and date of test, the percentage by weight of pure seed, other crop seed, weed seed, and inert matter. The label is commonly referred to as an analysis tag. The CERTIFIED SEED tag and the ANALYSIS tag together can indicate the quality of the seed in the container.

Variety/Brand Descriptions

The descriptions are provided by the owner or originator of the variety or brand. Ohio Seed Improvement Association does not guarantee the accuracy of their information, nor does it warrant the performance of the varieties/brands described herein.

Inquiries for seed and requests for samples should be sent directly to the growers listed, and not to the Ohio Seed Improvement Association.

Address and telephone numbers of growers may be found in the front section. Readers may download additional directory copies from OSIA's web site.



OHIO SEED IMPROVEMENT ASSOCIATION

6150 Avery Road, Box 477, Dublin, Ohio 43017-0477

Telephone (614) 889-1136

FAX (614) 889-8979

Web Site: <http://www.ohseed.org/>

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Fred Pond	Vice-President
Don Grimes	Treasurer
John Armstrong	Secretary/Manager

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Your purchase of Ohio Certified Seed promotes Ohio's agricultural industry and promotes continuing research into varieties adapted to Ohio's growing conditions.

2019 MEMBERSHIP

ACTIVE MEMBERS

AGREX INC., P.O. Box 149 Bowling Green, OH 43402, Wood Co.	Fax: (419)352-6710	(419)373-6311
Bluegrass Farms of Ohio, Inc, P.O. Box 57 Jeffersonville, OH 43128, Fayette Co.	Fax: (740)426-6684	(740)426-6683
Brubaker Grain & Chemical, 2918 Quaker Trace Rd. West Alexandria, OH 45381, Montgomery Co.	Fax: (937)839-4576	(937)839-4636
Burtch Seed Co., Inc., 4742 Tama Road Celina, OH 45822, Mercer Co.	Fax: (419)363-3796	(419)363-3713
Clever Farms, Inc., 13676 Foundation Rd. Croton, OH 43013, Licking Co.	Fax: (740)893-2285	(740)893-4191
Corteva AgriscienceTM, 15180 Henry-Wood C.L. Grand Rapids, OH 43522, Wood Co.	Fax: (419)748-8900	(419)748-8051
DKG Seed Farms, 5043 Coal Bank Rd. Orrville, OH 44667, Wayne Co.		(330)465-7079
Ernst Conservation Seeds, 9006 Mercer Pike Meadville, PA 16335, Crawford Co.	Fax: (814)337-6973	(814)336-2404
French's Hybrids, Inc., 6484 St. Rt. 303 Wakeman, OH 44889, Huron Co.	Fax: (440)839-2563	(440)839-2934
Hadley Seed Farm, 21 Wolfe Rd. Hadley, PA 16130, Mercer Co.	Fax: (724)253-3654	(724)253-3900
Hirzel Farms, 20780 Bradner Rd. Luckey, OH 43443, Wood Co.	Fax: (419)837-5717	(419)837-2710
Hiser Seeds, 2311 Mile Tree Rd. Clarksburg, OH 43115, Ross Co.	Fax: (740)993-2311	(740)993-2311
Houck Seed Company, 2268 U.S. Rt. 20 Monroeville, OH 44847, Huron Co.	Fax: (419)465-3165	(419)465-4525
Humphrey Farm, The, 3167 Wakeman-Townline Rd. Wakeman, OH 44889-9213, Huron Co.	Fax: (419)663-0130	(419)663-0130
Jagger Farm Seeds, 7156 St. Rt. 19 Mt. Gilead, OH 43338, Morrow Co.		(419)946-4957
KG Agri Products, Inc. 20100 Johnson Road Marysville, OH 43040, Union Co.	Fax: (937)644-8225	(937)644-8215
Luckey Farmers, Inc., Box 217 Woodville, OH 43469, Sandusky Co.	Fax: (419)849-2720	(419)849-2711
Martin, H. W. & Son Co., 10553 Swamp Rd. S.W. Hebron, OH 43025-9629, Licking Co.	Fax: (740)928-4008	(740)928-4000
Miller Seed Farms, 14564 St. Rte. 162 Attica, OH 44807, Seneca Co.		(419)426-1791
Miller, W. I. & Sons, 3389 Gardner Barclay Rd. Farmdale, OH 44417, Trumbull Co.	Fax: (330)876-8037	(330)876-6573
Ohigro, Inc., 6720 Gillette Rd., Box 196 Waldo, OH 43356, Marion Co.	Fax: (740)726-2574	(740)726-2429
Ohio Foundation Seeds, Inc., P.O. Box 6 Croton, OH 43013-0006, Licking Co.	Fax: (740)893-3183	(740)893-2501

Active Members (cont.)

Pond Seed Company, 12462 Blaine St., P.O. Box 156
 Scott, OH 45886, Van Wert Co.Fax: (419) 622-1314(419)622-6141
 Powell Seeds, LLC, 6300 Co. Rd. 65
 Ada, OH 45810, Hardin Co.Fax: (419)634-5327(419)634-0763
 R Farm, 11278 Darby Creek Road
 Orient, OH 43146, Pickaway Co.Fax: (614)877-9110.....(614)877-4792
 Reiterman Seed Farms, 19380 Clarks Run Rd.
 Mt. Sterling, OH 43143, Pickaway Co.Fax: (740)869-2422(740)869-2422
 Ridgeville Elevator, Inc., U.S. Route 6 West
 Ridgeville Corners, OH 43555, Henry Co.Fax: (419)267-5101(419)267-5101
 Riker Farm Seed Co., 10492 E. Poe Rd.
 Bowling Green, OH 43402, Wood Co.Fax: (419)354-4048(419)352-0068
 Rogers Grain, Inc., 5730 N. Greenville Falls-Clayton Road, P.O. Box 189
 Covington, OH 45318, Miami Co.Fax:(937)473-5239(800)336-2025
 Ruff's Seed Farms, 3870 Ruff Rd.
 Amanda, OH 43102, Fairfield Co.Fax: (740)969-4340(740)969-2600
 Rupp Seeds, Inc., 5-17919-B
 Wauseon, OH 43567, Fulton Co.Fax: (419)337-5491(419)337-1841
 Schlessman Seed Co., 11513 U.S. 250 N.
 Milan, OH 44846, Erie Co.Fax: (419)499-2574(419)499-2572
 Schwartz Farms, 4193 Everett-Hull Rd.
 Cortland, OH 44410, Trumbull Co.Fax: (330)637-2287(330)637-3388
 Steritz Seeds, 3250 Gladly Rd.
 Lynchburg, OH 45142, Clinton Co.(937)364-2780
 Thompson Seed Farm, Inc., 4920 Defiance Trail Rd.
 Delphos, OH 45833, Allen Co.(419)692-1946
 Utz Seed Farms, Inc., 8738 County Rd. 35
 New Washington, OH 44854, Crawford Co.Fax: (419)492-2327(419)706-7064
 Walker, Leland & Sons Seeds, 3851 Rhoads Rd.
 Hillsboro, OH 45133, Highland Co.Fax: (937)288-2305(937)288-2545
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 Carroll, OH 43112, Fairfield Co.(330)475-6352
 Walton, B. F. & Sons Seed Co., 6655 St. Rt. 67, Box 440
 Upper Sandusky, OH 43351, Wyandot Co.Fax: (419)927-5232(419)927-5222
 Wellman Seeds, Inc., 23778 Delphos-Jennings Rd.
 Delphos, OH 45833-8932, Van Wert Co.Fax: (419)695-9020(800)717-7333
 Wensink Farm Seeds, Inc., 4704 Wood Rd., Rt. #1
 Monroeville, OH 44847, Erie Co.Fax: (419)359-1883(419)359-1501
 Western Ohio Seed, 6721 Horatio Harris Ck Rd.
 Greenville, OH 45331, Darke Co.(937)547-0311
 Wright's Certified Seeds, 6928 Rt. 167 E.
 Pierpont, OH 44082, Ashtabula Co.Fax: (814)587-3716(814)587-2145

ASSOCIATE MEMBERS

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Heritage Cooperative, 6239 St. Route 187 Mechanicsburg, OH 43044, Champaign Co.	Fax: (937)834-0199(937)834-0188
Jewell Grain Co., Independence Rd., Box 30008 Jewell, OH 43530, Defiance Co.	Fax: (419)497-2200(419)497-2101
Keller Grain & Feed, Inc., 7977 Main Street - Horatio Greenville, OH 45331, Darke Co.	(937)448-2284
Mercer Landmark, Inc., 202 S. Main, P.O. Box 416 Rockford, OH 45882, Mercer Co.	Fax: (419)363-9205(419)363-3143
Merit Seed, P.O. Box 205 Berlin, OH 44610, Holmes Co.	Fax: (330)893-2219(330)893-3196
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Porter Hybrids, Inc., 1683 St. Rt. 134 N. Wilmington, OH 45177, Clinton Co.	Fax: (937)382-5025(937)382-2324
Settlemyre Seed Co., P.O. Box 158 Clarksville, OH 45113, Warren Co.	Fax: (937)289-2132(937)289-2131
Warner Seeds, 11350 W. Panther Creek Rd. Bradford, OH 45308, Miami Co.	Fax: (937)448-6184(937)448-6184

LIMITED MEMBERS

Accu-Bean-Chek, 2240 N. Leutz Rd. Oak Harbor, OH 43449, Ottawa Co.	Fax: (419)898-1210(419)898-1210
Ayers Farms, 820 St. 39 Perrysville, OH 43358, Ashland Co.	Fax: (419)938-7316(419)651-7747
Baker's Acres, 6609 Ashland Road, Wooster, OH 44691, Wayne Co.	(330)621-1609
Bio Gene Seeds, 5477 Tri-County Hwy. Sardinia, OH 45171, Brown Co.	Fax: (937)444-4042(937)839-4636
John Branstool Farm, 2420 Debott Rd. Uttica, OH 43080, Knox Co.	(614)315-5944
Bumb Farms, 11094 West Co. Rd. 6, Alvada, OH 44802, Seneca Co.	(419)934-9336
Daugherty Farms, 30927 County Rd. 12 Fresno, OH 43824, Coshocton Co.	Fax: (740)622-6165(740)622-5101
Emens Enterprises, 20230 Co. Rd. S. Alvordton, OH 43501, Williams Co.	(419)265-0032
Enterprise Hill Farm, Inc. , 5264 Huber Road Norwalk, OH 44857-9614, Huron Co.	Fax: (419)663-2147(419)668-0242
Enviroscape ECM, LTD, 300 S. Chestnut Street, Ste. C. Deshler, OH 43516, Paulding Co.	Fax: (419)594-3213(888)550-1999
Fowler Seed Marketing, 2952 State Route 45 N Rock Creek, OH 44084.	(888)249-7333
Needs Farms LLC, 290 Baltimore Somerset Rd. N.E. Baltimore, OH 43105, Knox Co.	(740)490-5762
Ohio Crafted Malt House LLC, 8000 Walton Parkway, Suite 200 New Albany, Ohio 43054, Franklin Co. .	Fax: 614-386-1211procurement@originmalt.com

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Greenville, OH 45331, Darke Co.	Fax: (937)548-0922	(937)548-4193
Remington Seeds LLC, 13455 St. Rt. 38 S.E.		
London, OH 43140	Fax: (740)874-3307	(740)874-3347
The Scotts Company, 14111 Scottslawn Rd.		
Marysville, Ohio 43041, Union Co.....	Fax:(937)644-7153	(937)578-5650
Seed Genetics - Direct, LLC., P.O. Box 32		
Jeffersonville, OH 43128, Fayette Co.	Fax: (740)426-9119.....	(740)426-9113
Straw For Sale, Ohio, Inc., 2657 Election House Rd. N.W.		
Lancaster, OH 43130, Fairfield Co.		(740)974-8112
J.P. Takacs Farm, LLC, 49233 St. Rt. 18		
Wellington, OH 44090, Lorain Co.		(440)647-3312
Trester Farms, 2305 Oak Corner Rd.		
Hamersville, OH 45130, Clermont Co.		(513)518-7122

AFFILIATE MEMBERS

Brautigam, Jim, 10140 CR33A, Box 50 Wapakoneta, OH 45895-9504, Auglaize Co.....	(419)738-8087
Carrollton-Farmers Exchange Co, 204 Second ST. N.W. Carrollton, OH 44615, Carroll Co.	Fax: (330)627-5275(330)627-2144
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DIRECT ENTERPRISES, 16545 South Park Dr. Westfield, IN 46074, Hamilton Co.	Fax: (317)867-4253(888)895-7333
Ivy Garth Seeds & Plants, 8140 Mayfield Road Chesterland, OH 44026, Geauga Co.....	Fax: (440)729-7692(800)351-4025
JoMar Seeds, 1550 Pidco Drive Plymouth, IN 46563, Marshall Co.....	(574)286-7404
Lawgix International, Inc., P.O. Box 327 Ashland, OH 44805, Ashland Co.....	Fax: (419)289-6727(419)289-5558
Limagrain Cereal Seeds, 2040 SE Frontage Rd. Fort Collins, CO 80525, Larimer Co.	Fax: (970)498-2207(970)498-2200
MBS GENETICS, LLC, 11605 North CR 25W Farmersburg, IN 47850, Sullivan Co.	Fax: (765)414-0462(812)696-1147
The Don Marshall Co., Inc., 235 Maple St., P.O. Box 124 Plain City, OH 43064, Madison Co.	Fax: (614)873-8338(614)873-8520
The Seed Center, 7790 U.S. Route 36 Ostrander, OH 43061, Delaware Co.	Fax: (740)666-1539(800)660-8789
Turfgrass Enterprises, 7472 Akron-Canfld. Rd.,Box 185 Canfield, OH 44406, Mahoning Co.....	Fax: (330)533-0618(330)533-3354

EMERITUS MEMBERS

Beuerlein, Jim, 5180 SR 95 E. Mt. Gilead, OH 43338, Morrow Co.....	(419)946-7451
Haghiri, Faz, 1665 West Highland Ave Wooster, OH 44691, Wayne Co.	(330)264-4711
Lafever, Hal, 2930 Sonata Court West Lafayette, IN 47906	(765)464-1314
Miller, Robert L., 252 Spring St. St. Henry, OH 45883, Mercer Co.	(419)678-4750
St. Martin, Steve, 2104 Bigby Hollow Street Columbus, OH 43228-9757, Franklin Co.....	(614)279-3689



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PLANT VARIETY PROTECTION

The developer of a new distinct variety may obtain protection for that variety if they choose to do so, provided the variety meets the requirements of the Plant Variety Protection Act of 1970. This Act permits the owner or developer of a variety to prohibit others from selling, sexually multiplying, using for propagation for seed, or using to produce a hybrid, seed of his variety.

Two options, for plant variety protection, are available to the developer of the variety. Under the first option, the developer of the variety or his agent may sell either certified or uncertified seed of the variety. If the developer of the variety has reason to believe that anyone is infringing on his rights, they may resort to civil court action.

The other option ("certification option") for protecting a variety utilizes the provisions of Title V of the Federal Seed Act. A variety protected in this manner may be sold by variety name only as a class of certified seed.

It is the responsibility of the seller to inform the buyer if the variety is protected. Each container of seed sold should be labeled with a tag indicating the type of protection which the owner has. Under the first option, the label will state: "Unauthorized Propagation Prohibited - U.S. Protected Variety."

If the owner of the variety has chosen the other option for variety protection, the label will state, "Unauthorized Propagation Prohibited - To be Sold By Variety Name Only as a Class of Certified Seed - U.S. Protected Variety."

The Plant Variety Protection Act was amended October 6, 1994, and became effective April 4, 1995. Substantive and procedural changes to the act and the regulations have been enacted and are summarized here.

- The length of protection has been increased to 20 years for most crops, and 25 years for trees and vines.
- Rights of the owner have been extended to essentially derived varieties, harvested materials, and varieties which require repeated use of the protected variety.
- Under the farmers exemption, seed may be saved for use on a farm, but no sale to others for reproductive purposes is allowed without permission of the owner.
- Priority is based on the "first to file" rather than the "first to develop".
- Eligibility is extended to first generation hybrids and tuber propagated crops (e.g. potatoes).
- The minimum time allowed to answer questions and provide information is decreased from six months to 30 days.
- The variety may be unique worldwide, and the name must be used when marketing the variety except in the case of lawn, turf, or forage grass seed, alfalfa, or clover seed, which may be sold without stating the variety name.
- Applications filed before April 4, 1995, may be refiled for protection under the amended Act. An additional fee of \$300 is required. The filing date for refiled applications will be the filing date of the original application.
- Labeling recommendations have been changed. If the variety is protected under the 1994 version of the Act, the label should state "PVPA 1994" or "PVPA 1994--Unauthorized Sales for Reproductive Purposes Prohibited."
- Infringement of rights has been expanded to include all methods of transferring title or possession of the variety and all steps in marketing the variety.

- Fees and charges are increased under the amended regulations. The application and examination fee is \$4,382; and the certificate fee is \$320. A full listing of the fees is shown in the act and regulations and rules of practice.

The PVP Act was amended in the 1996 Farm Bill to allow owners of varieties of potatoes that have been marketed for more than four years in another country to apply for and receive protection in the United States during a one-year period after enactment. Protection would be limited to a total of 20 years, including the time protected in another country.

A complete listing of all protected varieties is available in the “Official Journal of the Plant Variety Protection Office” which may be obtained free upon request from:

Plant Variety Protection Office, AMS, SD
10301 Baltimore Blvd.
Room 500 - NAL Building
Beltsville, Maryland 20705

PROTECTED VARIETIES CERTIFIED IN OHIO

The following list contains varieties being certified in Ohio for the current crop year for which the owner has applied for or received a certificate of Plant Variety Protection. In either case, no one may offer for sale, sexually multiply, or use to produce a hybrid, seed of these varieties without the permission of the owner or applicant. Seed of varieties for which the breeder has invoked the Title V option of the Federal Seed Act may be sold by variety name only as a class of Certified Seed. This list is not a complete list of all protected varieties and is subject to revision on a regular basis.

OATS:

Corral*
Saber*
Vista*



SOYBEANS:

Clermont*

**Seed of these varieties to be sold by variety name only as a class of Certified Seed.*

Violators of the Federal Seed Act or regulations are subject to a fine up to \$1,000 for the first offense and up to \$2,000 for each subsequent offense.

ROYALTYSCHEDULES ^{1,2}

1. VARIETIES GROWN & CERTIFIED IN OHIO

Soybeans:

variety	<i>release</i>	<i>classes</i>	royalty ¹
	institution	assessed	
Apex	USDA-ARS/OARDC	R & C	0.80/50 lb.
Clermont	Ohio State University	R & C	3.00/50 lb.
Dennison	Ohio State University	R & C	0.60/50 lb.
Highpro1	USDA/Ohio State University	R & C	0.75/50 lb
Lorain	Ohio State University	R & C	2.00/50 lb.
Streeter	Ohio State University	R & C	0.60/50 lb.
Summit	Ohio State University	R & C	0.75/50 lb.
Wyandot 14	Ohio State University	R & C	1.00/50 lb.

Oats:

variety	<i>release</i>	<i>classes</i>	royalty ¹
	institution	assessed	
Burton	Ohio State University	R & C	0.25/bu.
Corral	Univ. of Illinois and Cornell Univ.	C	0.30/bu.
Saber	University of Illinois	C	0.30/bu.
Vista	University of Wisconsin	C	0.30/bu.

¹ Royalties on all Ohio State University or USDA-ARS/OARDC varieties are also applicable if grown out-of-state.

²Assessment based upon bushels sold.

2. OUT-OF-STATE ROYALTIES FOR OSU DEVELOPED VARIETIES

Oats:

variety	<i>release</i>	<i>classes</i>	royalty
	institution	assessed	
Armor	Ohio State University	R & C	0.25/bu.

WHAT IS CERTIFIED SEED?

Certified Seed grown in Ohio may be defined as seed certified as to origin and purity of variety. This is accomplished by a system of limited generations (Breeder, Foundation, Registered and Certified) and rigid inspections. The seed growers start out with high-yielding, disease-free, known origin varieties which are given certification identification. The crops produced from these seeds are inspected by trained inspectors. The first step entails field inspection of the growing seed crop to determine the population of plants, varietal purity, freedom from diseases, objectionable weeds and other crop mixture. Crops which pass the field inspection are eligible for the laboratory or final inspection. This inspection is made of the cleaned seed after it has been made ready for sale, and consists of examining the general condition of the seed to be certified, and taking a representative sample of the seed and forwarding it to the Ohio Seed Improvement Association for a purity analysis and germination test. If this inspection shows that the seed meets the minimum requirements for certification, the grower is furnished certification tags. The producer is required to place one of these tags on every container of seed sold as certified. In so doing, the producer indicates that the seed sold under the tag will conform to the minimum requirements of certified seed.

WHY IT PAYS TO USE CERTIFIED SEED

Certification is the user's assurance of getting top quality seed. Research and field tests have proven certified seed to be superior. Certification assures the user that the seed which he purchases was grown from planting stocks of known pedigrees; that the fields have been closely inspected, and met the high standards for varietal purity; that the seed has been properly handled during harvesting and cleaning; and that the seed in the bag also meets the high standards set for varietal purity. Clean seed and strong seedlings mean quicker growth and less trouble with weeds.

Certified Seed is more uniform in growth and maturity and more dependable, which reduces the chance of crop failure. These factors combine to give higher yields of better quality crops. These advantages provided by the use of Certified Seed will help cut the cost of production and thus increase net profits.

REMINDER FROM THE OSU OFFICE FOR TECHNOLOGY COMMERCIALIZATION AND KNOWLEDGE TRANSFERS

The Office for Technology Commercialization and Knowledge Transfers at the Ohio State University (OSU) reminds all seed producers that they are not to export seed of OSU Plant Variety Protection Act varieties unless their foreign buyer has a royalty license agreement from the university. If you are unsure if a particular buyer has a license, please contact the university at 614-292-7945 or Jason Dahlman PhD at Dahlman.3@osu.edu.



Soybeans and Wheat that Yield Results

Contact an AGI Member to get the best traits on the market into your field...where it counts.

AGI Dealer	Phone #	County
Clever Farms, Inc.	740-893-4191	Licking
Daugherty Farms	740-622-5101	Coshocton
Houck Seed Co.	419-465-4525	Huron
H.W. Martin & Son Co.	740-928-4000	Licking
Ohigro, Inc.	740-726-2429	Marion
Pond Seed Co.	419-622-6141	Van Wert
R-Farm	614-877-4792	Pickaway
Reiterman Seed Farms	740-869-2422	Pickaway
Riker Farm Seed Co.	419-352-0068	Wood
Schwartz Farms	330-637-3388	Trumbull
Seed Genetics – DIRECT, LLC.	740-505-0073	Fayette
Synergy Ag, LLC	419-355-6708	Seneca
Utz Seed Farms, Inc.	419-492-2785	Crawford
Leland Walker & Sons Seeds	937-288-2545	Highland
B.F. Walton & Sons Seed Co.	419-927-5222	Wyandot

Advanced Genetics, Inc. / 740-893-2501 / advancedgeneticsinc.com

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AND STILL GROWING!



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Email: frenchs@frenchshybrids.com • www.frenchshybrids.com



SOYBEANS

CERTIFICATION REGULATIONS

Planting Requirements:

Foundation or Registered seedstock
Eligible land

Field Inspection

Variety purity, minimum 99.5%

Laboratory Analysis:

Other varieties or
off-types, maximum 0.5%

DESCRIPTIONS OF VARIETIES

APEX

APEX is a **semidwarf** soybean variety bred specifically for its adaptation to high yield environments. This variety was jointly developed by the USDA-ARS and the Ohio Agricultural Research and Development Center of the Ohio State University and released in 2002 as a public variety. In the maximum yield trials at Wooster, Ohio, Apex has averaged 90 bu./a over 3 years, compared to 82 bu./a for Charleston. Apex is a mid to late group III (3.7) variety, has purple flowers, tawny pubescence, brown pods and shiny yellow seed with black hilum. It carries the Rps1k gene for resistance to Phytophthora root rot. Like all semidwarf varieties, Apex should be solid-seeded in 7- to 10-inch row spacing at a seeding rate of 300,000 seeds/a for maximum yield. Apex is recommended for uniformly high yielding fields and on the more productive soils in site-specific-farming. A royalty of .80/50 lb. is due the originator on R & C class sales. An allowable variant of up to 0.7% other flower color has been assigned to this variety.

CLERMONT

U.S. Protected Variety

PVPA 1994

Unauthorized Propagation Prohibited - (Unauthorized Seed Multiplication Prohibited)

Title V – May be sold only as a class of Certified Seed

CLERMONT (formerly HS7-4314; tested as Highland) is a 2012 soybean release of The Ohio State University (OSU). Clermont is a conventional soybean variety being released due to its excellent yields and race-specific resistance to Phytophthora sojae. Field evaluations for Frogeye leaf spot also indicated a lack of leaf lesions. Clermont's relative maturity is 3.9 and it matures approximately four days later than "Dennison". The average height of this variety is 96 cm. The variety has white flowers, light tawny pubescence, brown pods, dull yellow seed coat, black hilum color, and indeterminate growth habit. Clermont will be released as a non-Exclusive Certified public, three generation (F, R, C) variety with a six cent per pound royalty required for Registered and Certified class seed sold. Seed stock will be maintained by Ohio Foundation Seeds, Inc.

SOYBEANS

DENNISON

DENNISON (formerly HSI-3717 and OHS 301) is a 2006 release of The Ohio State University (OSU). Dennison is a unique conventional variety because of its combination of resistance genes (Rps1k and Rps3a) and excellent partial resistance to Phytophthora root rot in a genetic background with high yield. This new variety resembles Kottman in appearance and is a replacement for Kottman and Resnik. This soybean variety is a 3.5 maturity, with black hilum, tan pods, light tawny pubescence and white flowers, with up to .3% purple flowers allowed. Recognized classes are F, R and C.

HIGHPRO1

HIGHPRO1 (formerly HR09-008) is a 2015 joint variety soybean release by USDA and The Ohio State University. Highpro1 is a conventional variety being released because of its high yields and exceptionally high protein (40% dry weight), compared to other high protein soybean lines. Highpro1 soybeans have an imperfect black hila, grey pubescence, purple flowers and brown pods. Seed size is slightly larger than the variety Wyandot. The relative maturity of Highpro1 is 3.7 and the variety is rated very good to excellent for lodging resistance. Although it has no gene present for Phytophthora root rot it exhibits excellent tolerance and also has resistance to Root Rot Nematodes. Highpro1 was released as a non-exclusive Certified public, three generation (F, R, C) variety with a royalty required for Registered and Certified class seed sold. Seed stock will be maintained by Ohio Foundation Seeds, Inc.

IA2104RA12

IA2104RA12 was developed by the Iowa State University Research Foundation, Inc. (ISURF). This variety was developed by backcrossing the Rag1 and Rag 2 alleles into IA2104. IA2104RA12 will be grown in the northern half of Iowa and in similar latitudes of the United States for use in the production of soyfoods. This variety has not been tested against specific soybean diseases, however IA2104RA12 possesses soybean aphid resistance conferred by the Rag 1 and Rag2 alleles. IA2104RA12 is a conventional 2.3 relative maturity soybean variety with large seed, high protein, yellow colored hilum and seed color, with white flowers, tan pods, tawny pubescence and ovate leaf shape. Variants and other identifying characteristics include an allowance for up to 1% gray pubescence. Foundation, Registered and Certified are recognized seed classes. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. Production is subject to a licensing agreement with ISURF.

IA2113RA12

IA2113RA12 has a maturity rating of 2.2 and was released by Iowa State University Research Foundation. This variety was developed by backcrossing the Rag1 and Rag2 alleles into IA2104. IA2113RA12 is an earlier maturity selection from that program and will be grown in the northern half of Iowa and in similar latitudes in other parts of the United States for use in the production of soyfoods. This variety has not been tested against specific soybean diseases however it possesses soybean aphid resistance conferred by the Rag1 and Rag2 alleles. IA2113RA12 has white flowers, tan pod color, tawny pubescence, and seeds with a mature yellow seed and hilum color. There are no variants or other identifying characteristics for this conventional variety. Recognized classes are F, R and C. Production is subject to a licensing agreement with ISURF.

SOYBEANS

IA3051RA12

IA 3051RA12 has a maturity rating of 3.1 and was released by Iowa State University Research Foundation. It was developed by backcrossing the Rag1 and Rag2 alleles into IA3051. IA3051RA12 has white flowers, brown pods, gray pubescence and seeds with yellow hila and yellow seed coat color. There are variants for up to 1% purple flower color and up to 1% tawny pubescence. Recognized classes are F, R and C.

IA3054RA12

IA3054RA12 soybean variety has a maturity rating of 3.0 and was released by Iowa State University Research Foundation in 2016. It was developed by backcrossing the Rag1 and Rag2 alleles into IA3051. IA3054RA12 is an earlier maturing selection from the backcross program. IA3054RA12 will be grown in the southern half of Iowa and in similar latitudes in other parts of the United States for use in the production of soyfoods. IA3054RA12 has not been tested against specific soybean diseases. IA3051RA12 possesses soybean aphid resistance conferred by the Rag1 and Rag2 alleles. The plant descriptions includes ovate leaf shapes Brown Pod Color; White Flowers; Green hypocotyl color; and gray pubescence. The mature seed description includes yellow hilum color and seed color; elongate seed shape and the average number of seeds per pound is 2,020.

Variants and other identifying characteristics include tolerance of 1% for off-type hilum and seed coat color. Foundation, Registered, and Certified are recognized seed classes. The Iowa State University Research Foundation, Inc. (ISURF) is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. Production is subject to a licensing agreement with ISURF.

LORAIN

LORAIN (formerly HS7W-82) is a 2014 soybean release of the Ohio State University (OSU). Lorain is a conventional soybean variety being released due to its excellent yields and race-specific resistance Rps1c to *Phytophthora sojae*. Based on a single green house assay, Lorain is moderately susceptible to Sudden Death Syndrome (SDS). Root rot scores indicated that Lorain has high levels of partial resistance which are similar to Dennison. Lorain is a 3.4 maturity variety with white flowers, light tawny pubescence, dull yellow seed coat, black hilum and indeterminate growth habit.

RESNIK

RESNIK is a high yielding variety from the soybean breeding program at the Ohio Agricultural Research and Development Center released in 1982. The variety carries the Rps1k gene which confers resistance to races 1-10, 13-15, 17, 18, 21 and 22 of *Phytophthora* root rot. Resnik has shown superior yield potential in pre-release testing in Ohio and regional trials. Resnik is a mid Group III in maturity, about 4 to 6 days earlier than Williams 82. Resnik exhibits purple flowers, brown pubescence and tan pods at maturity and has yellow seeds with a dull luster and black hila. The name Resnik was chosen in honor of Challenger astronaut, Judy Resnik. Recognized classes are F, R and C.

SOYBEANS

STREETER

STREETER is an early Group 3.0 maturing conventional soybean variety released by The Ohio State University in 2008. It is approximately one day later in maturity than Wyandot, but yields higher than Wyandot and is two inches taller. Streeter has excellent lodging resistance. The variety has white flowers, light tawny pubescence, tan pods and black hilum color. This line carries Rps1c and Rps3a for Phytophthora resistance. Recognized classes are F, R and C with royalty fee due the originator.

SUMMIT

SUMMIT is a high yielding conventional oil and meal type soybean variety released by The Ohio State University in 2011. The variety has a 2.6 relative maturity, purple flowers, light tawny pubescence, tan pods and a black hilum. Based on preliminary data "Summit" has multiple Rps genes and a high level of partial resistance to P. sojae. Seed stock will be maintained by Ohio Foundation Seeds. Summit is a three generation (F,R & C) variety with a royalty fee due to the originator.

WYANDOT 14

WYANDOT 14 is a 2012 release of the Ohio State University (OSU). This variety has a very good yield record and serves as a replacement for Wyandot. Resistance to Phytophthora is realized with the presence of the Rps3a gene. This 2.9 maturity variety has white flowers, gray pubescence, brown pods and yellow (clear) hila. Wyandot 14 is specially adapted to the northern half of Ohio soybean growing regions, where soybean aphid and powdery mildew are likely pests. This new line has antibiosis resistance to the soybean aphid biotypes 1 and 2 and powdery mildew. In six different yield environments over a three year period Wyandot 14 had higher or equal seed yields compared to Wyandot. Seed size, seed protein and seed oil content is similar to Wyandot. This variety has indeterminate growth habit and equal or superior agronomic attributes than Wyandot. Wyandot 14 will be released as a non-Exclusive Certified Public, three generation (F, R, C) variety with a two cent per pound royalty required for Registered and Certified class seed sold. Seed stock will be maintained by Ohio Foundation Seeds, Inc. Wyandot 14 has white flowers, grey pubescence, brown pods, and yellow hilum color with a .50% variant for other hila colors.

SOYBEANS

SOURCES FOR 2020 PLANTING

FOUNDATION SEED

ACRES

Ohio Foundation Seeds, Inc., Licking CO.

HIGHPRO16.0

WYANDOT 1415.0

ACRES

Reg. Cert.

APEX

DKG Seed Farms, Wayne CO..... 16.0

Total: 16.0

CLERMONT

PVPA 1994

Title V - May be sold only as a class of Certified Seed

Brubaker Grain & Chemical, Montgomery CO..... 40.0

Total: 40.0

DENNISON

DKG Seed Farms, Wayne CO..... 18.0

Total: 18.0

HIGHPRO1

Reiterman Seed Farms, Pickaway CO..... 108.0

Total: 108.0

IA2104RA12

Schwartz Farms, Trumbull CO.....84.0

Total:84.0

IA2113RA12

Schwartz Farms, Trumbull CO.....37.1

Total:37.1

SOYBEANS

ACRES
Reg. Cert.

IA3051RA12

DKG Seed Farms, Wayne CO.....	281.5	
Rogers Grain, Inc., Miami CO.....	9.0	206.0
Schwartz Farms, Trumbull CO.....	185.0	209.4
Total:	194.0	696.9

IA3054RA12

Schwartz Farms, Trumbull CO.....	56.5	145.9
Total:	56.5	145.9

LORAIN

Brubaker Grain & Chemical, Montgomery CO.....	35.0	
Miller Seed Farms, Seneca CO.....	52.0	
Total:	87.0	

RESNIK

DKG Seed Farms, Wayne CO.....	30.0	
Total:	30.0	

STREETER

Miller Seed Farms, Seneca CO.....	60.0	
Total:	60.0	

SUMMIT

DKG Seed Farms, Wayne CO.....	9.0	17.0
Miller Seed Farms, Seneca CO.....		50.0
Total:	9.0	67.0

WYANDOT 14

DKG Seed Farms, Wayne CO.....	18.0	
Miller Seed Farms, Seneca CO.....	60.0	
Wensink Farm Seeds, Inc., Erie CO.....	12.0	30.0
Total:	12.0	108.0

SPRING BARLEY

CERTIFICATION REGULATIONS

Planting Requirements:

Foundation or Registered seedstock
Eligible land

Field Inspection

Variety purity, minimum 99.5%

Laboratory Analysis:

Other varieties or
off-types, maximum 0.5%

DESCRIPTION OF VARIETY

BOWERS

Limited to Two Generations - Foundation & Certified

Bowers is an awned (bearded) six-rowed spring feed barley developed by the Michigan Agricultural Experiment Station. It was released for production in 1979. Bowers had medium-early maturity and medium height, similar to Beacon. Its lodging resistance is also comparable to Beacon. Plants have large heads and above average number of tillers. Seed size is average with good test weight. Bowers is resistant to stem rust and has better resistance to mildew, spot blotch and net blotch than Larker.

SOURCES FOR 2020 PLANTING

ACRES

Reg. Cert.

BOWERS

Limited to Two Generations - Foundation & Certified

DKG Seed Farms, Wayne CO.....31.8

Total:31.8

OATS

CERTIFICATION REGULATIONS

Planting Requirements:

- Foundation or Registered seedstock
- Eligible land

Field Inspection

- Variety purity, minimum 99.9%

Laboratory Analysis:

- Other varieties or off-types, maximum 0.5%

DESCRIPTIONS OF VARIETIES

ANTIGO

PVPA 1994

Title V - Limited to two generations -Foundation and Certified

Antigo is an early maturity variety released from the University of Wisconsin-Madison in 2017. Antigo has excellent test weight and high yields. Antigo heads out one day later than Badger and two days earlier than Esker. Antigo is two inches taller than Badger and two inches shorter than Esker and Ron. Lodging is similar to Esker and Natty and less than Drumlin and Vista. It is modestly resistant to crown rust. Antigo has high dehulling efficiency, average groat percentage while is high in protein and oil. Antigo is a U.S. Plant Protected Variety (PVPA 1994). Seed of Antigo can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement or its legal agent.

ARMOR

The Ohio State University, Ohio Agricultural Research and Development Center announces the release of ARMOR, a productive spring oat cultivar for Ohio and surrounding states. Armor, is a high-yielding line, averaging 4 bu/A higher than Ogle in Ohio tests. The variety is similar to Ogle in appearance with excellent resistance to lodging. It is mid-season in maturity, being a day later than Ogle and 2 days earlier than Porter. Armor stands slightly taller than average when compared to Noble, Ogle and Porter. Armor has moderate resistance to the barley yellow dwarf virus.

BURTON

The Ohio State University, Ohio Agricultural Research and Development Center announces the release of BURTON spring oats. Burton is a productive oat cultivar bred for Ohio and surrounding states. It is a high yielding line, similar to Armor, averaging over 16% higher in yield than Ogle in Ohio tests from 1992 through 1994. Burton is similar to Armor in appearance and in resistance to lodging but is somewhat taller. It is midseason in maturity being equal to Armor and a day later than Ogle. Burton has excellent test weight averaging over 35 lbs./bu. in Ohio tests. Burton is less tolerant to the Barley Yellow Dwarf Virus than either Armor or Ogle but is similar to Noble. Burton does not possess resistance to prevalent races of crown rust and should not be grown in areas in which this disease is a problem. A royalty is due the originator for Registered and Certified class seed sales.

OATS

CORRAL

*U.S. Protected Variety
PVPA 1994*

Title V - Limited to Two Generations - Foundation & Certified

CORRAL (IL00-7267) - Corral is a spring oat variety that was developed by the University of Illinois Agricultural Experiment Station and is a joint release with the New York State Agricultural Experiment station at Cornell University. Corral has been evaluated in Illinois, Minnesota, and New York. It is intended for production in New York, Pennsylvania and similar northeastern environments. Corral is tolerant to barley yellow dwarf virus. It is susceptible to moderately susceptible to corn rust, depending on prevalent local races, and is susceptible to loose smut. Corral has light yellow kernels with seed characteristics most similar to Ogle. Up to 0.5% tall variants and are allowed and up to 0.5% fluorescent seeds are allowed. Corral will be released as a public variety and seed classes to be produced are limited to Foundation and Certified. The New York Seed Improvement Project is responsible for producing breeder and Foundation seed stock. A royalty is charged for the sale of Certified class seed.

DEON

PVPA 1994

U.S. Plant Protected Variety (PVPA 1994)

DEON is a late season high yielding variety released by the Minnesota Agricultural Experiment Station in 2011. Deon is medium yellow in color with overall good agronomic traits including good test weight. Deon's height and lodging score is similar to Rockford. Resistant to smut and moderately resistant to crown rust and BYDV. Deon is a U.S. Plant Protected Variety (PVPA 1994), Title V. A license is required for seed production. Collection of a variety development fee for sales of Registered and Certified classes as well as Registered class seed used for the production of a seed crop will be made.

NOBLE

NOBLE oats were developed at Purdue in cooperation with USDA/ARS and released to Certified seed growers in 1974. Noble has a complicated parentage but essentially is an improved Tippecanoe type. Noble is a stiff-strawed mid-season variety that has brownish-yellow kernels. It is moderately resistant to loose smut. It is susceptible to the prevalent common races of rusts.

SABER

*U.S. Protected Variety
PVPA 1994*

Title V - Limited to two generations - Foundation and Certified

SABER - IL02-8658 - Saber is an early maturing high yielding oat variety developed by the University of Illinois Agricultural Experiment Station. Over the last two years Saber was placed in the top LSD group at 15 of 16 locations and was the highest yielding line numerically in 10 of 18 locations. The pedigree of Saber is Tack/Spurs. Saber is about two days earlier than Jay and has the same heading date as Don. It is about 4cm shorter than Chaps. The test weight of Saber is very good and has been about 1.4 lbs./bu. higher than Jay and about 2.2 lbs./bu. higher than Chaps. Saber is tolerant of BYDV with an average of 3.1 (0-9 scale where 0=very tolerant) compared to 4.5 for Jay and Chaps. Saber is susceptible to loose smut and is moderately resistant to moderately susceptible to crown rust. Saber has light yellow kernels with kernel color similar to Ogle, and the variant allowed is 0.5% tall. Saber will be released as a public variety. Seed stock will be maintained by the Agricultural Alumni Seed Improvement Association, Inc. A royalty is charged for the sale of Certified class seed.

OATS

SUMO

SUMO is a early maturing white oat with a heading date similar to Colt. It is approximately two inches taller than Horsepower, with good lodging resistance. Sumo has average yield with excellent test weight and good milling quality characteristics, groats have medium to low beta-glucan levels. Sumo is resistant to crown rust and smut, but moderately susceptible to barley yellow dwarf virus. Developed by the South Dakota Agricultural Experiment Station. Licensed to Albert Lea Seed House. PVP(94) title V contemplated.

VISTA

PVPA 1994

*Title V - May be sold only as a class of Certified Seed
Limited to two generations - Foundation and Certified*

VISTA is a mid-late season oat variety released by the University of Wisconsin-Madison in 1999. Vista has consistently shown high grain yields in Wisconsin statewide tests with seed test weights similar to Belle. Vista heads two days later than Ogle. Plant height is similar to Troy with lodging similar to Gem. Vista has excellent crown rust resistance and tolerance to barley yellow dwarf virus.

Seed of Vista can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement Association to its legal agent. Vista is a two generation variety (F & C) with a royalty due the originator.

SOURCES FOR 2020 PLANTING

FOUNDATION SEED

ACRES

Ohio Foundation Seeds, Inc.,	
ARMOR.....	7.0
CORRAL	7.0
SABER.....	12.9

ACRES

Reg. Cert.

ANTIGO

PVPA 1994

Title V - May be sold only as a class of Certified Seed

Hadley Seed Farm, Mercer CO.....	41.0
Total:	41.0

ARMOR

DKG Seed Farms, Wayne CO.....	12.0	95.5
Hadley Seed Farm, Mercer CO.....	11.5	130.0
Jagger Farm Seeds, Morrow CO.....		12.0
Powell Seeds, LLC, Hardin CO.....		1.9
Schlessman Seed Co., Erie CO.....	34.0	
Schwartz Farms, Trumbull CO.....	15.0	40.5
W. I. Miller & Sons, Trumbull CO.....		77.0
Wensink Farm Seeds, Inc., Erie CO.....		151.0
Total:	72.5	507.9

BURTON

Miller, W. I. & Sons, Trumbull CO.....	71.0
Total:	71.0

CORRAL

Limited to two generations - Foundation and Certified

Miller, W. I. & Sons, Trumbull CO.....	45.5
Schwartz Farms, Trumbull CO.....	45.0
Total:	100.5

OATS

DEON

ACRES

Reg. Cert.

Hirzel Farms, Wood CO.....	79.0
Total:	79.0

NOBLE

DKG Seed Farms, Wayne CO.....	22.0	
Wensink Farm Seeds, Inc., Erie CO.....		26.0
Total:	22.0	26.0

SABER

PVPA 1994

*Title V - May be sold only as a class of Certified Seed
Limited to two generations - Foundation and Certified*

DKG Seed Farms, Wayne CO.....	25.0
Hadley Seed Farm, Mercer CO.....	67.1
Schwartz Farms, Trumbull CO.	49.5
W. I. Miller & Sons, Trumbull CO.	58.0
Total:	199.6

SUMO

Hirzel Farms, Wood CO.....	23.0
Total:	23.0

VISTA

PVPA 1994

*Title V - May be sold only as a class of Certified Seed
Limited to two generations - Foundation and Certified*

Hadley Seed Farm, Mercer CO.....	132.5
Total:	132.5

QUALITY ASSURANCE PROGRAM



Participation in this program is voluntary and illustrates these companies' efforts to use effective quality control in seed production, conditioning, and marketing. The services and records generated under this system provide quality assurance for every customer.

For more information regarding specific products produced under the QA program, please contact the participating company.

The following companies have produced seed under the Quality Assurance Program. This program provides an unbiased quality control system of field inspection, laboratory testing and post season growout testing for varieties, brands, and blends.

OATS

DKG Seed Farms, Wayne Co..... GR 65

SOYBEANS

Clever Farms, Inc., Licking CO.

AGI 29RY3, AGI 3101RX, AGI 3301RX, AGI 3601RX, AGI 36MN01, AGI 37R2Y2,
AGI 3801RX, AGI 9-732AE, AGI 9-734AE, AGI 9-736AE

DKG Seed Farms, Wayne CO.

DKG-3808

Miller Seed Farms, Seneca CO.

1630GTS, 1728GTS, 1827GTS, BG 7290R2, BG 7340R2, BG 9270E3

Pond Seed Company, Van Wert CO.

AGI 2602RX, AGI 2801RX, AGI 3101RX, AGI 3303RX, AGI 3401RX, AGI 3601RX,
AGI 3801RX, PSC 34127, PSC E271, PSC E291, PSC E321, PSC E341, PSC E361

Reiterman Seed Farms, Pickaway CO.

AGI 3601RX, AGI 39LL01

QUALITY ASSURANCE PROGRAM

Soybeans (cont.)

Riker Farm Seed Co., Wood CO.

AGI 25M04, AGI 2701GL, AGI 2801GL, AGI 28LL01, AGI 3101GL, AGI 31CN07,
AGI 32CN07, AGI 32CN08, AGI 9-726AE, AGI 9-729AE

Rogers Grain, Inc., Miami CO.

E3520S, E3776S, E3782S, E389F.YC, IA3051RA12

Schlessman Seed Co., Erie CO.

SSC 280LLG, SSC 283LL, SSC 2919E, SSC 3219E, SSC 3419E, SSC 327LL

Thompson Seed Farm, Inc., Allen CO.

TS-279N, TS-349STS, TSR-2719, TSR-3017, TSR-3517

Wellman Seeds, Inc., Van Wert CO.

W274

INFORMATION ONLY

Daugherty Farms, Coshocton CO.

AGI 3001RX, AGI 3302RX, AGI 35MN04

Hiser Seeds, Ross CO.

H-5379LLGT, H-7359E, H-7379E, H-9395LL

H. W. Martin & Son Co., Licking CO.

AGI 3101GL, AGI 3303RX, AGI 33RY6, AGI 3401, AGI 34LL01, AGI 36MN01,
AGI 3801RX, AGI 9-734AE

R Farm, Pickaway CO.

AGI 31LL01, AGI 35LL01, AGI 36MN01, AGI 7374M

Schlessman Seed Co., Erie CO.

AGRA6628R2RXT, AGRA 6633R2RXT, SSC 340LLG, SSC 360LLG

Schwartz Farms, Trumbull CO.

AGI 2901GL, AGI 9-724AE, AGI 9-732BE, AgVenture 30H0, EMERGE 3066A

Seed Genetics-DIRECT, LLC, Fayette CO.

AGI 9-737AE, AGI 9-738AE, AGI 9-739AE

Leland Walker & Sons Seeds , Highland CO.

AGI 39MN04, AGI 4001GL, AGI 42R2Y1

Utz Seed Farms, Inc., Crawford CO.

AGI 21M01, AGI 2401RX, AGI 2501GL, AGI 25M04, AGI 2701GL, AGI 2801GL, AGI 29CN08,
AGI 3002RX, AGI 31M04, AGI 3502RX, AGI 9-720AE, AGI 9-725AE, AGI 9-728AE,
AGI 9-730AE, AGI 9-734AE

IDENTITY PRESERVED GRAIN PROGRAM



The following companies have produced grain under the Identity Preserved Grain Program. This program provides an unbiased, third party, quality control system of field inspection, post harvest laboratory testing and post season growout testing for grain.

Grain carrying the "IP" tag or logo has met the minimum genetic purity standards based on the breeder's agronomic description. The IP system is a comprehensive program to help assure the production of genetically pure product or grain by planting seed of a known variety, use of extensive record keeping, field inspection, and post harvest testing.

Participation in this program is voluntary and illustrates these companies' efforts to use effective quality control in grain production, conditioning, and marketing. The services and records generated under this system provide quality surveillance for every customer.

OSIA's IP program is officially sanctioned by the Association of Official Seed Certifying Agencies (AOSCA).

For more information regarding specific products produced under the IP program, please contact the participating company.

SOYBEANS

KG Agri Products, Inc, Union Co..... (937)644-8215
Bluegrass Farms of Ohio, Inc. Fayette Co..... (740)426-6683

CORN

Bluegrass Farms of Ohio., Fayette Co..... (740)426-6683
Rogers Grain, Inc., Miami Co..... (800)336-2025

NOXIOUS WEED FREE FORAGE AND MULCH CERTIFICATION

There is a growing demand in North America for the use of certified noxious weed free forage and mulch as a preventative program to limit the spread of noxious weeds. This voluntary certification program is designed to assure that forage (straw, hay, cubes and pellets) and mulch sold with proper certification identification meets minimum standards designed to limit the spread of noxious weeds. Buyers are provided assurance that forage and mulch certified through this program meets these minimum standards.

Ohio Seed Improvement Association has been designated as the official Noxious Weed Free Forage and Mulch (NWFF & M) Certification Agency in Ohio. Program standards comply with the Regional Weed Free Forage Certification Standards developed by the Regional Weed Free Forage Committee of the North American Weed Management Association. The Regional Weed Free Forage Committee has established minimum standards to allow uniform participation by states and provinces in the program. Forage and mulch certified under the OSIA certification program with proper certification documents or markings attached will be eligible to be shipped into restricted areas in the United States and Canada where only forage and mulch certified under the Regional Forage Certification Standards can be used.

The following producers have applied for certification of noxious weed free forage and/or mulch in 2019.

Bumb Farms

11094 West Co. Rd. 6, Alvada, OH 44802

Seneca Co.....(419)934-9336

Emens Enterprises

20230 Co. Rd. S., Alvordton, OH 43501

Williams Co.(419)265-0032

Enterprise Hill Farm, Inc.

5264 Huber Road, Norwalk, OH 44857-9614,

Huron Co.....Fax: (419)663-2147(419)668-0242

John Branstool Farm

2420 Debolt Rd. Utica, Ohio 43080

Knox Co.(614)315-5944

Needs Farms LLC

290 Baltimore Somerset Rd. NE, Baltimore, OH 43105

Knox Co.....(740)490-5762

QM Straw

341 King Road, Martinsville, OH 45146

Clinton Co.....Fax: (937)685-2881(937)685-2132

Straw for Sale Ohio, Inc.

2657 Election House Rd. NW, Lancaster, OH 43130

Fairfield Co.Fax: (740)654-2925(740)974-8112

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SEED QUALITY

The quality of the seed you plant is most important. Good seed should be true to type for the variety or hybrid selected, high in germination, free from insect or disease damage, free of weed seeds and, in general, should be of high quality. Buying or using poor quality seed can be, and usually is expensive. All seed sold in Ohio must be labeled as to germination, weed content (if any), purity, etc. Read the tag or label before you buy the seed. The information on the tag or label will give you some indication of the quality of the seed contained therein.

FACTORS THAT DETERMINE SEED QUALITY

- PURE SEED** - is the percentage of the seed that will produce plants true to type for that variety.
- GERMINATION** - is the percentage of seed that will produce normal plants under favorable conditions. Note: "Does not include abnormal seedlings."
- WEED SEEDS** - is the percentage, by weight, of seeds considered weeds by law, official regulations or by general usage.
- INERT MATTER** - is the percentage, by weight, of broken seeds that are one-half or less the original size and all foreign material such as chaff, stems, soil particles, etc.
- OTHER CROP SEEDS** - is the percentage, by weight, of seeds not of the crop or specified variety.
- HARD SEED** - is the percentage of seeds which remain hard but sound at the end of the prescribed test period. They normally do not contribute to current field stand, but may germinate at a later date.
- SEED TREATMENT** - is the applying of material (normally chemical) to seed that will protect the seed from any soil and seed-borne diseases and insects.
- SOURCE** - is important in seed quality, just as it is in any other commodity. Always buy from a reputable dealer. They are interested in your welfare.
- PLS (PURE LIVE SEED)** - is the percentage of pure seed that will germinate. It is determined by multiplying the percent germination by the purity percentage.

NOTICE TO BUYERS

This Certification Label is valid only when attached to a container or bag of seed of the specified variety and lot number.

The Ohio Seed Improvement Association (OSIA) is a nonprofit corporation authorized by the laws of the State of Ohio to establish standards and procedures for seed certification. The OSIA provides certification labels to seed growers based upon the submission by growers to OSIA of representative samples of seed for analysis of the genetic purity of the seed. The grower and/or seller, by attaching this label to a particular lot of seed is representing to both the OSIA and the buyer, that the seed has been produced, conditioned and inspected in accordance with the standards and procedures established by the OSIA and that the seed described on the label meets the minimum requirements. THE GROWER AND/OR SELLER WHOSE NAME APPEARS ON OR IS ATTACHED TO THE CONTAINER OR BAG OF SEED IS SOLELY RESPONSIBLE FOR THE SEED ANALYSIS AND OTHER INFORMATION THEREON AND FOR THE PROPER USE OF THIS CERTIFICATION LABEL.

OSIA IS NOT THE SELLER AND MAKES NO WARRANTIES, WHETHER EXPRESS OR IMPLIED (INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY), AS TO THE SEEDS SOLD BY GROWER OR SELLER. THE BUYER IS PURCHASING THE SEEDS "AS IS" WITH RESPECT TO OSIA.

Ohio Seed Improvement Association, 6150 Avery Road, Box 477, Dublin, Ohio 43017-0477

Field Application Disclaimer
Ohio Seed Improvement Association
Application for Inspection of Seed Crop, Inspection Agreement
Disclaimer and Limit of Liability

Member hereby requests that the Ohio Seed Improvement Association (hereinafter referred to as OSIA), the official seed-certifying agency designated by the Ohio Department of Agriculture, inspects certain seed crops as set forth in the member's inspection request forms.

It is expressly agreed by the member that the inspection services hereby requested to be provided by OSIA and its employees and agents, as provided by law and by Ohio Seed Law No. 907.02 as amended, are limited to the following:

- (a) Visual field inspection for varietal purity;
- (b) Visual field inspection for presence of disease;
- (c) Visual field inspection for overall crop management;
- (d) For post harvest testing (varietal purity and diseases), inspection shall be limited to visual inspection.

All inspections conducted by OSIA shall be based upon sequential sampling methods pursuant to accepted inspection procedures. Laboratory testing, when requested by the member or required or deemed necessary by OSIA, shall be paid for by the member.

The member agrees to provide OSIA with complete and accurate records and field maps as requested by OSIA. The member also agrees to inform OSIA as to any changes in the conditions of the crop which occur subsequent to the field inspection. Failure of the member to meet these conditions shall render any certification granted by OSIA void.

Visual field inspection approval does not guarantee that the crops will be certified. Such approval only means that the crops are eligible for subsequent steps in the certification process as required by Ohio Seed Certification Regulations.

Certification from OSIA means that the SAMPLES INSPECTED are within the tolerances for purity and disease as set forth in Ohio Seed Certification Regulations.

CERTIFICATION DOES NOT CONSTITUTE A GUARANTEE OR WARRANTY, NOR IS IT A REPRESENTATION THAT THE COMMODITY IS MERCHANTABLE OR FIT FOR A PARTICULAR PURPOSE. THE CERTIFYING AGENCY MAKES NO IMPLIED OR EXPRESS WARRANTIES OR REPRESENTATIONS AS TO FREEDOM FROM DISEASE OR LEVEL OF QUALITY. CERTIFICATION MEANS ONLY THAT, AT THE TIME OF INSPECTION, THE SAMPLED PLANTS AND/OR SEED OF EACH LOT INSPECTED CONFORMED TO THE STANDARDS AND TOLERANCES AS SPECIFIED IN THE RULES.

It is understood and agreed that any liability of OSIA is limited to the amount of the fees incurred by the member for the inspection.

I have read, understand and agree to the foregoing terms and conditions and I herewith make APPLICATION for SEED CROP INSPECTION of the varieties listed in the inspection requests for the purpose of having seed there from certified by the Ohio Seed Improvement Association, designated an official seed certifying agency by the Ohio Department of Agriculture. I agree to abide by the by-laws and the policies of the Association and the Ohio Department of Agriculture Certification of seed, tubers and plants No. 907.02 as amended, as applicable to my application. By submission of this field application I the producer or representative of the producer hereby agree to the terms and conditions of this agreement.