



**2021**

**ANNUAL  
DIRECTORY**



*for:*

**Hemp  
Oats  
Soybeans  
Spring Barley  
Spring Spelt  
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 the 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

<https://www.ohioseed.org>

**E-mail:** [osia@ohseed.org](mailto:osia@ohseed.org)

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# OFFICERS, BOARD OF DIRECTORS, & STAFF

## OFFICERS

Barrett French .....	President
Greg Ramsey .....	Vice-President
Don Grimes .....	Treasurer
John Armstrong.....	Secretary/Manager



## BOARD OF DIRECTORS

Tim Debolt.....	2022
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Alex Lindsey .....	2020
Laura Lindsey .....	2021
Ken Miller.....	2020
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Brad Snyder.....	2021



## OFFICE STAFF

John Armstrong.....	Secretary/Manager
Eric Groll .....	Chief Inspector
Becky Brown.....	Fiscal Officer
Paula Hickey.....	Administrative Asst.
Johnanna Beuerlein.....	Seed Lab Manager/Registered Seed Technologist
Cynthia Thurkins.....	Seed Laboratory Clerk
Amanda Morris .....	Seed Technician I
Paul Ritter .....	Seed Technician I

# 2020 MEMBERSHIP

## ACTIVE MEMBERS

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>AGREX, INC.</b> PO Box 149 Bowling Green, OH 43402	Wood	(419) 352-6710	(419) 373-6311
<b>BLUEGRASS FARMS OF OHIO, INC.</b> 9768 Mill.-Jeff. Rd., PO Box 57 Jeffersonville, OH 43128	Fayette	(740) 426-6684	(740) 426-6683
<b>BRUBAKER GRAIN &amp; CHEMICAL</b> 2918 Quaker Trace Rd. West Alexandria, OH 45381	Montgomery	(937) 839-4576	(937) 839-4636
<b>BURTCH SEED CO., INC.</b> 4742 Tama Rd. Celina, OH 45822	Mercer	(419) 363-3796	(419) 363-3713
<b>CLEVER FARMS, INC.</b> 13676 Foundation Rd. Croton, OH 43013	Licking	--	(740) 893-4191
<b>CORTEVA AGRISCIENCE</b> 15180 Henry-Wood C.L. Grand Rapids, OH 43522	Wood	(419) 748-8900	(419) 748-8051
<b>DKG SEED FARMS</b> 5043 Coal Bank Rd. Orrville, OH 44667	Wayne	--	(330) 465-7079
<b>ERNST CONSERVATION SEEDS</b> 8884 Mercer Pike Meadville, PA 16335	Crawford	(814) 337-6973	(814) 336-2404
<b>FRENCH'S HYBRIDS, INC.</b> 6484 State Route 303 Wakeman, OH 44889	Huron	--	(440) 839-2934
<b>HADLEY SEED FARM</b> 21 Wolfe Rd. Hadley, PA 16130	Mercer	(724) 253-3654	(724) 253-3900
<b>HIRZEL FARMS</b> 20790 Bradner Rd. Luckey, OH 43443	Wood	(419) 837-5717	(419) 837-2710
<b>HISER SEEDS, LLC</b> 2311 Mile Tree Rd. Clarksburg, OH 43115	Ross	(740) 993-2311	(740) 993-2311
<b>HOUCK SEED COMPANY</b> 2268 US Route 20 Monroeville, OH 44847	Huron	--	(419) 706-3982
<b>HUMPHREY FARM (THE)</b> 3167 Wakeman-Townline Rd Wakeman, OH 44889	Huron	(419) 663-0130	(419) 663-0130

*Active Members (cont.)*

<b>NAME/ADDRESS</b>	<b>COUNTY</b>	<b>FAX</b>	<b>PHONE</b>
<b>JAGGER FARM SEEDS</b> 7156 State Route 19 Mt. Gilead, OH 43338	Morrow	--	(419) 946-4957
<b>KG AGRI PRODUCTS, INC.</b> 20100 Johnson Rd Marysville, OH 43040	Union	(937) 644-8225	(937) 644-8215
<b>LUCKEY FARMERS, INC. – Woodville</b> 1200 W. Main St., Box 217 Woodville, OH 43469	Sandusky	(419) 849-2720	(419) 849-2711
<b>H.W. MARTIN &amp; SON CO.</b> 10553 Swamp Rd. SW Hebron, OH 43025	Licking	(740) 928-4008	(740) 928-4000
<b>MILLER SEED FARMS</b> 14564 State Route 162 Attica, OH 44807	Seneca	(419) 426-1791	(419) 426-1791
<b>W. I. MILLER &amp; SONS CO.</b> 3389 Gardner Barclay Rd. Farmdale, OH 44417	Trumbull	(330) 876-8037	(330) 876-6573
<b>OHIGRO, INC.</b> PO Box 196 Waldo, OH 43356	Marion	(740) 726-2574	(740) 726-2429
<b>OHIO FOUNDATION SEEDS, INC.</b> 11491 Foundation Rd., PO Box 6 Croton, OH 43013	Licking	--	(740) 893-2501
<b>POND SEED COMPANY</b> 12462 Blaine St., PO Box 156 Scott, OH 45886	Van Wert	--	(419) 622-6141
<b>POWELL SEEDS, LLC.</b> 6300 County Rd. 65 Ada, OH 45810	Hardin	(419) 634-5327	(419) 634-0763
<b>R FARM</b> 11500 Darby Creek Rd. Orient, OH 43146	Pickaway	(614) 877-9110	(614) 877-4792
<b>REITERMAN SEED FARMS</b> 19380 Clarks Run Rd. Mt. Sterling, OH 43143	Pickaway	(740) 869-2422	(740) 869-2422
<b>RIKER FARM SEED CO.</b> 10492 E. Poe Rd. Bowling Green, OH 43402	Wood	(419) 354-4048	(419) 352-0068
<b>ROGERS GRAIN, INC.</b> 5730 N. Greenville Falls-Clayton Rd. PO Box 189 Covington, OH 45318	Miami	--	(800) 336-2025
<b>RUFF'S SEED FARMS</b> 3870 Ruff Rd. Amanda, OH 43102	Fairfield	(740) 969-4340	(740) 969-2600
<b>RUPP SEEDS, INC.</b> 17919 County Road B Wauseon, OH 43567	Fulton	(419) 337-5491	(419) 337-1841
<b>SCHLESSMAN SEED CO.</b> 11513 US 250 N. Milan, OH 44846	Erie	(419) 499-2574	(419) 499-2572
<b>SCHWARTZ FARMS</b> 4193 Everett-Hull Rd. Cortland, OH 44410	Trumbull	(330) 637-2287	(330) 637-3388

## Active Members (cont.)

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>THOMPSON SEED FARM, INC.</b> 4920 Defiance Trail Rd. Delphos, OH 45833	Allen	--	(419) 692-1946
<b>UTZ SEED FARMS, INC.</b> 8738 County Rd. 35 New Washington, OH 44854	Crawford	--	(419) 706-7064
<b>LELAND WALKER &amp; SONS SEEDS</b> 3851 Rhoads Rd. Hillsboro, OH 45133	Highland	(937) 288-2305	(937) 288-2545
<b>WALNUT CREEK SEED, LLC</b> 6100 Basil Western Road Carroll, Ohio 43112	Fairfield	--	(330) 475-6352
<b>B. F. WALTON &amp; SONS SEED CO.</b> 6655 State Route 67, Box 440 Upper Sandusky, OH 43351	Wyandot	(419) 927-5232	(419) 927-5222
<b>WELLMAN SEEDS, INC.</b> 23778 Delphos-Jennings Rd. Delphos, OH 45833	Van Wert	(419) 695-9020	(419) 695-9010
<b>WENSINK FARM SEEDS, INC.</b> 4704 Wood Rd., Route 1 Monroeville, OH 44847	Erie	(419 ) 359-1883	(419) 359-1501
<b>WESTERN OHIO SEED</b> 6721 Horatio Harris Creek Rd. Greenville, OH 45331	Darke	--	(937) 547-0311

## ASSOCIATE MEMBERS

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>CAVEN FARM SEEDS</b> 20823 Miami-Shelby E. Rd. Conover, OH 45317	Shelby	--	(937) 368-3953
<b>HERITAGE COOPERATIVE</b> 6239 State Route 187 Mechanicsburg, OH 43044	Champaign	(937) 834-0199	(937) 834-0188
<b>JEWELL GRAIN CO.</b> Independence Rd., Box 30008 Jewell, OH 43530	Defiance	(419) 497-2200	(419) 497-2101
<b>KELLER GRAIN &amp; FEED, INC.</b> 7977 Main St. Greenville, OH 45331	Darke	--	(937) 448-2284
<b>MERIT SEED</b> PO Box 205 Berlin, OH 44610	Holmes	(330) 893-2219	(330) 893-3196
<b>MTM FARMS, INC.</b> 29249 State Route 385 Lakeview, OH 43331	Auglaize	--	(419) 303-2673
<b>SETTLEMYRE SEED CO.</b> PO Box 158, 10288 Wilmington Rd. Clarksville, OH 45113	Warren	(937) 289-2132	(937) 289-2131
<b>STERITZ SEEDS</b> 3250 Glady Rd. Lynchburg, OH 45142	Clinton	--	(937) 364-2780
<b>WARNER SEEDS</b> 11350 W. Panther Creek Rd. Bradford, OH 45308	Miami	(937) 448-6184	(937) 448-6184

## LIMITED MEMBERS

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>ACCU-BEAN-CHEK</b> 2240 N Leutz Rd. Oak Harbor, OH 43449	Ottawa	(419) 898-1210 *51	(419) 898-1210
<b>BAKER'S ACRES</b> 6609 Ashland Rd. Wooster, OH 44691	Wayne	—	(330) 621-1609
<b>BIO GENE SEEDS</b> 5477 Tri-County Hwy. Sardinia, OH 45171	Brown	(937) 444-4042	(937) 444-6422
<b>SHANE BOROFF, LLC</b> 4967 Galway Dr. Dublin, OH 43017	Franklin	—	(614) 657-8265
<b>BUMB FARMS</b> 11094 West County Rd. 6 Alvada, OH 44802	Seneca	—	(419) 934-9336
<b>ENTERPRISE HILL FARM, INC.</b> 5264 Huber Rd. Norwalk, OH 44857	Huron	(419) 663-2147	(419) 668-0242
<b>FOWLER SEED MARKETING</b> 2952 State Route 45 N Rock Creek, OH 44084	Ashtabula	(440) 563-5298	(888) 249-7333 (SEED)



*Limited Members (cont.)*

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>GREEN RIDGE FARMS</b> 16668 W. River Rd. Bowling Green, OH 43402	Wood	—	(419) 265-0304
<b>NEEDS FARMS LLC</b> 290 Baltimore Somerset Rd. NE Baltimore, OH 43105	Knox	—	(740) 490-5762
<b>OHIO CRAFTED MALT HOUSE, LLC</b> 8000 Walton Pkwy., Suite 200 New Albany, OH 43054	Franklin	Please contact via email <a href="mailto:procurement@originmalt.com">procurement@originmalt.com</a>	
<b>QM STRAW</b> 341 King Rd. Martinsville, OH 45146	Clinton	—	(937) 685-2132
<b>REMINGTON SEEDS, LLC</b> 5585 State Route 571 E Greenville, OH 45331	Darke	(937) 548-0922	(937) 548-4193
<b>REMINGTON SEEDS, LLC - London</b> 13455 State Route 38 SE London, OH 43140	Madison	(740) 874-3307	(740) 874-3347
<b>SEED GENETICS DIRECT, LLC</b> PO Box 32 9983 Jeffersonville-W. Lancaster Rd. Jeffersonville, OH 43128	Fayette	—	(740) 505-0013
<b>STRAW FOR SALE, OHIO, INC.</b> 2657 Election House Rd. NW Lancaster, OH 43130	Fairfield	—	(740) 974-8112
<b>SYNGENTA</b> 726 River Place Dr. Bouboonnais, IL 60914		—	(815) 953-2041
<b>J.P. TAKACS FARM, LLC</b> 49233 State Route 18 Wellington, OH 44090	Lorain	—	(440) 647-3312
<b>TRESTER FARMS</b> 2350 State Route 133 Bethel, OH 45106	Clermont	—	(513) 518-7122

## **AFFILIATE MEMBERS**

<b>NAME/ADDRESS</b>	<b>COUNTY</b>	<b>FAX</b>	<b>PHONE</b>
<b>BRAUTIGAM, JIM</b> 10140 County Rd. 33A, Box 50 Wapakoneta, OH 45895	Auglaize	--	(419) 738-8087
<b>CARROLLTON-FARMERS EXCHANGE CO.</b> 204 Second St. NW Carrollton, OH 44615	Carroll	--	(330) 627-2144
<b>DIRECT ENTERPRISES</b> 16545 Southpark Dr. Westfield, IN 46074	Hamilton	(317) 867-4253	(888) 895-7333
<b>IVY GARTH SEEDS &amp; PLANTS</b> 8422 Mayfield Rd. Chesterland, OH 44026	Geauga	(440) 729-7692	(800) 351-4025
<b>KRAUSE SEEDS, INC.</b> PO Box 688 Concordia, MO 64020	Lafayette	(660) 463-7171	(660) 463-7333
<b>LAWGIX INTERNATIONAL, INC.</b> PO Box 327 Ashland, OH 44805	Ashland	(419) 289-6727	(866) 289-5558
<b>LIMAGRAIN CEREAL SEEDS</b> 2040 SE Frontage Rd. Fort Collins, CO 80525	Larimer	(970) 498-2207	(970) 498-2200
<b>THE DON MARSHALL CO., INC.</b> 235 Maple St., PO Box 124 Plain City, OH 43064	Madison	(614) 873-8338	(614) 873-8520
<b>THE SEED CENTER</b> 7790 US Route 36, PO Box 87 Ostrander, OH 43061	Delaware	740) 666-1539	(800) 660-8789

## **EMERITUS MEMBERS**

<b>NAME/ADDRESS</b>	<b>COUNTY</b>	<b>PHONE</b>
<b>BEUERLEIN, JIM</b> 5180 State Route 95 E Mt. Gilead, OH 43338	Morrow	(614) 270-3680
<b>HAGHIRI, FAZ</b> 1665 W. Highland Ave Wooster, OH 44691	Wayne	(330) 264-4711
<b>LAFEVER, HAL</b> 2930 Sonata Ct. West Lafayette, IN 47906	Tippecanoe	(765) 464-1314
<b>MILLER, ROBERT L.</b> 252 Spring St. St. Henry, OH 45883	Mercer	(419) 678-4750
<b>ST. MARTIN, STEVE</b> 2104 Bigby Hollow Street Columbus, OH 43228	Franklin	(614) 279-3689

# 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 their 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 their 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 their 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).

## *Plant Variety Protection (cont.)*

- 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	SOYBEANS
Corral*	Clermont*
Saber*	
Vista*	

\*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.

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# ROYALTY SCHEDULES<sup>1, 2</sup>

## 1. VARIETIES GROWN AND CERTIFIED IN OHIO

### Soybeans:

Variety	Release Institution	Classes Assessed	Royalty <sup>1</sup>
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.
OHFG6	Ohio State University	R & C	3.25/50 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	Release Institution	Classes Assessed	Royalty <sup>1</sup>
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.

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

<sup>2</sup>Assessment based upon bushels sold.

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

### Oats:

Variety	Release Institution	Classes Assessed	Royalty <sup>1</sup>
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, 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 purchased 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 is 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, Ph.D., at [Dahlman.3@osu.edu](mailto:Dahlman.3@osu.edu).



Big Bluestem (*Andropogon gerardii*)

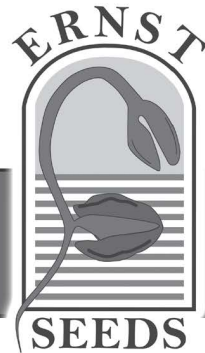
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soybeans



hybrid corn



spelt

*Ohio*

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CDC Origin

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# SOYBEANS

## OTHER VARIETAL CHARACTERISTICS

VARIETY	RM <sup>2</sup>	PLANT TYPE	LODGING	SEED SIZE	PHYTOPHTHORA	SCLEROTINIA
Apex	3.7	Semidwarf	N/A	Medium	Rps <sub>1</sub> <sup>k</sup>	-
Clermont	3.9	Thinline	Mod. Res.	Medium	Rps <sub>1</sub> <sup>c</sup> / Rps <sub>3</sub> <sup>a</sup>	-
Dennison	3.5	Thinline	Mod. Res.	Small	Rps <sub>1</sub> <sup>k</sup> /Rps <sub>3</sub> <sup>a</sup>	Susceptible
HIGHPRO1	3.7	-	Resistant	Large	Tolerant	-
IA2104RA12	2.3	-	-	Large	None	-
IA3054RA12	3.0	-	-	Large	None	-
IA 3051RA12	3.1	-	-	Large	None	-
Lorain	3.4	Intermediate	Resistant	Small	Rps <sub>1</sub> <sup>c</sup>	-
Resnik	3.4	Intermediate	Resistant	Very Small	Rps <sub>1</sub> <sup>k</sup>	Fair
Streeter	3.0	Intermediate	Very Resistant	Medium	Rps <sub>1</sub> <sup>c</sup> / Rps <sub>3</sub> <sup>a</sup>	N/A
Summit	2.6	Intermediate	Resistant	Medium	Multiple Rps Genes	N/A
Wyandot 14	2.9	Intermediate	Resistant	Large	Rps <sub>3</sub> <sup>a</sup>	Susceptible

Relative Maturity <sup>2</sup>	Group	Days to Maturity
2.0-2.4	Early II	120 - 124
2.5-2.9	Late II	125 – 129
3.0-3.4	Early III	130 – 134
3.5-3.9	Late III	135 – 139
4.0-4.4	Early IV	140 - 144

# Soybeans

## Certification Regulations

### Planting Requirements:

Foundation or Registered seedstock

Eligible land

### Field Inspection

Variety purity, minimum	99.5%
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### Laboratory Analysis:

Other varieties or off-types, maximum	0.5%
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## DESCRIPTION OF VARIETY

### 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.

### 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 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.

# **Soybeans**

## **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 soy foods. 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.

## **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 soy foods. IA3054RA12 has not been tested against specific soybean diseases. IA3051RA12 possesses soybean aphid resistance conferred by the Rag1 and Rag2 alleles. The plant descriptions include 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.

# **Soybeans**

## **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 greenhouse 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. This variety has an OSIA Member Certified research levy of \$1.30/acre for each acre passing field inspection.

## **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

## Soybeans

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.

### SOURCES FOR 2021 PLANTING

#### FOUNDATION SEED

	<u>ACRES</u>
Ohio Foundation Seeds, Inc., Licking County	
FG6 .....	1.0
H006 .....	1.0
J049 .....	1.0

	<u>ACRES</u>
APEX	Reg.    Certified
DKG Seed Farms, Wayne County .....	21.0
<b>Total:</b> .....	<b>21.0</b>

#### HIGHPRO1

Reiterman Seed Farms, Pickaway County .....	136.0
<b>Total</b> .....	<b>136.0</b>

#### IA2104RA12

Schwartz Farms, Trumbull County .....

#### IA3051RA12

DKG Seed Farms, Wayne County.....  
 Rogers Grain, Inc., Miami County.....  
 Schwartz Farms, Trumbull County.....

#### IA3054RA12

Schwartz Farms, Trumbull County .....

## Soybeans

	ACRES	
	<u>Reg.</u>	<u>Certified</u>
<b>LORAIN</b>		
Miller Seed Farms, Seneca County .....		40.0
<b>Total:</b> .....		<b>40.0</b>
<b>RESNIK</b>		
DKG Seed Farms, Wayne County .....		30.0
<b>Total:</b> .....		<b>30.0</b>
<b>STREETER</b>		
DKG Seed Farms, Wayne County.....	10.0	14.0
Miller Seed Farms, Seneca County .....		32.0
<b>Total:</b> .....	<b>10.0</b>	<b>46.0</b>
<b>SUMMIT</b>		
DKG Seed Farms, Wayne County .....		24.0
Miller Seed Farms, Seneca County .....		45.0
<b>Total:</b> .....		<b>69.0</b>
<b>WYANDOT 14</b>		
Miller Seed Farms, Seneca County .....		42.0
Wensink Farm Seeds, Inc., Erie County.....		50.0
<b>Total:</b> .....		<b>92.0</b>

# SPRING SPELT

## 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

### CDC ORIGIN

CDC Origin is a Spring Spelt Cultivar originating from the University of Saskatchewan and is exclusively licensed to French's Hybrids, Inc. as a three generation royalty bearing variety.

CDC Origin exhibits very good standability, excellent test weight, resistance to loose smut, and moderate resistance to leaf rust and fusarium head blight. CDC Origin also tests high in grain protein levels.

Seeding date for CDC Origin is similar to that of Spring Oats or Spring Barley and utilization should be kept North of I-70.

## SOURCES FOR 2021 PLANTING

### CDC ORIGIN

French's Hybrids, Inc. ....  
Ohio Foundation Seeds.....



# 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

### RASMUSSEN

*PVPA 1994*

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

*Limited to Two Generations - Foundation & Certified*

Rasmusson is a high-yielding spring malting variety with improved malting quality characteristics released by Minnesota Agricultural Experiment Station in 2008. It is a six-rowed, semi-smooth awn, white aleurone variety with good kernel plumpness. Rasmusson is shorter than most current six-rowed malting varieties in the Midwest with very good lodging resistance. It is similar to Robust for scab reaction and is resistant to spot blotch. Rasmusson is a U.S. Plant Protected Variety (PVPA 1994). Seed of Rasmusson can legally be produced and labeled for sale only as a class of certified seed. A license and royalty agreement are required for seed production. Certified Seed classes are (F, R, & C).

## SOURCES FOR 2021 PLANTING

### RASMUSSEN

*PVPA 1994*

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

*Limited to Two Generations - Foundation & Certified*

	ACRES	
	Reg.	Certified
DKG Seed Farms, Wayne County .....		49.0
<b>Total:</b> .....		<b>49.0</b>

# SPRING 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%

## DESCRIPTION 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.

## Spring Oats

### **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.

### **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.

### **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.

# **Spring Oats**

## **REINS**

*U.S. Protected Variety PVPA 1994*

*Title V – Limited to two generations -Foundation and Certified*

REINS is a medium short, early maturing oat variety with tan kernels. It has high test weight and good lodging resistance with a high yield potential. Reins is resistant to loose smut, tolerant to barley yellow dwarf virus, and moderately resistant to moderately susceptible to crown rust. Released by Illinois Agricultural Experiment Station. License required for seed production. No Registered Seed class. PVP(94) Title V.

## **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.

## **SADDLE**

*U.S. Plant Variety Protection Applied for*

*Limited to two generations - Foundation and Certified*

An early maturing variety, heading one day earlier than Natty. It is one inch taller than Horsepower with excellent straw strength. It has a high yield potential with an average test weight. Saddle is resistant to smut, moderately tolerant to barley yellow dwarf virus, and resistant to crown rust. License required for seed production. No saleable Registered Class. It can only be sold as the Certified Class of seed. Released by the South Dakota Agricultural Experiment Station. PVP(94) Title V applied for.

## Spring Oats

### **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.

## Spring Oats

### SOURCES FOR 2021 PLANTING

#### FOUNDATION SEED

	<u>ACRES</u>
Ohio Foundation Seeds, Inc., Licking County	
ARMOR .....	8.5
CORRAL .....	7.0
NOBLE .....	8.0
SABER .....	15.8

#### ANTIGO

PVPA 1994

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

	<u>Reg.</u>	<u>Certified</u>
Hadley Seed Farm, Mercer County .....		75.4
<b>Total:</b> .....		<b>75.4</b>

#### ARMOR

DKG Seed Farms, Wayne County .....	50.0	
Hadley Seed Farm, Mercer County .....	13.0	137.0
Miller, W. I. & Sons, Trumbull County .....	25.0	93.0
Powell Seeds, LLC, Hardin County .....	6.0	36.0
Riker Farm Seed Co., Wood County .....		20.0
Schlessman Seed Co., Erie County .....	33.0	
Schwartz Farms, Trumbull County .....	6.0	40.9
Wensink Farm Seeds, Inc., Erie County .....	17.0	304.0
<b>Total:</b> .....	<b>150.0</b>	<b>630.9</b>

#### BURTON

Miller, W. I. & Sons, Trumbull County .....	144.0
<b>Total:</b> .....	<b>144.0</b>

## Spring Oats

### **CORRAL**

*U.S. Protected Variety  
PVPA 1994*

*Title V - Limited to Two Generations - Foundation & Certified*

ACRES

Reg. Certified

Miller, W. I. & Sons, Trumbull County .....	137.0
Schwartz Farms, Trumbull County .....	81.5
<b>Total:</b> .....	<b>218.5</b>

### **NOBLE**

DKG Seed Farms, Wayne County .....	33.0
<b>Total:</b> .....	<b>33.0</b>

### **REINS**

*PVPA 1994*

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

Hirzel Farms, Wood County .....	24.0
<b>Total:</b> .....	<b>24.0</b>

### **SABER**

*PVPA 1994*

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

Burtch Seed Co., Inc., Mercer County .....	30.1
DKG Seed Farms, Wayne County .....	52.0
Hadley Seed Farm, Mercer County .....	89.3
Miller, W. I. & Sons, Trumbull County .....	63.0
Rupp Seeds, Inc., Fulton County .....	40.0
Schwartz Farms, Trumbull County .....	65.0
<b>Total:</b> .....	<b>339.4</b>

### **SADDLE**

*U.S. Plant Variety Protection Applied for  
Limited to two generations - Foundation and Certified*

Hirzel Farms, Wood County .....	57.0
<b>Total:</b> .....	<b>57.0</b>

## Spring Oats

ACRES

**VISTA**

Reg.      Certified

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 County .....	146.0
<b>Total:</b> .....	<b>146.0</b>



# HEMP

## 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

### VCSTAR

VCSTAR is a proprietary certified variety developed by “Grow Hemp Colorado”. The variety is described as high CBD dominant (4% max. on pollinated crop; 8-11% max. on non-pollinated). It has consistently tested below 0.3% THC level for multiple years in multiple states. This variety is further described as dioecious; 50K+ seeds per pound; not auto flower; 60-40 female/male; 7-11+ feet height; and is multipurpose.

## SOURCES FOR 2021 PLANTING

### FOUNDATION SEED

### VCSTAR

Shane Boroff, LLC, Franklin County.....

# 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 grow-out testing for varieties, brands, and blends.

## SPRING OATS

**DKG Seed Farms, Wayne County**  
GR 65

## SOYBEANS

**Clever Farms, Inc., Licking County**  
AGI 29RY3, AGI 3101RX, AGI 34LL01, AGI 3501RX, AGI 3601RX, AGI 36MN01, AGI 37R2Y2, AGI 3801RX, AGI 9-732AE, AGI 9-734AE, AGI 9-737AE

**Miller Seed Farms, Seneca County**  
1728GTS, 1827GTS, BG 7290R2, BG 7340R2, BG 9270E3, BG 9290E3, BG 9332E3

**Pond Seed Company, Van Wert County**  
AGI 2801RX, AGI 3101RX, AGI 3303RX, AGI 3503RX, AGI 3601RX

## Quality Assurance

### **Reiterman Seed Farms, Pickaway County**

AGI 3601RX, AGI 39LL01

### **Rupp Seeds, Inc., Fulton County**

BESWEET 2001, BESWEET 2015, BESWEET 292, RS18XT17, RS19EL37, RS20FX10, RS21EL57, RS22CV88, RS23BG30, RS23EL34, RS23XT22, RS24XT53, RS25EL24, RS25XT12, RS28BG90, RS28XT37, RS30EL18, RS33XT32, RS34BG40, RS35EL01, RS36XT02

### **Thompson Seed Farm, Inc., Allen County.**

TS-279N, TS-349STS, TSR-2720N, TSR-3017, TSR-3517

### **Walker, Leland & Sons Seeds, Highland Co.**

AGI 4001GL

### **Walton, B.F. & Sons Seed Co., Wyandot Co.**

AGI 27M04, AGI 31M04

### **Wellman Seeds, Inc., Van Wert County**

W274

# INFORMATION ONLY

## **Hiser Seeds, Ross County**

H-5379LLGT, H-7359E3

## **Luckey Farmers, Inc., Sandusky County**

Gro-Mor 27B19, Gro-Mor 27E49, Gro-Mor 30E70, Gro-Mor 31B29, Gro-Mor 31E01, Gro-Mor 34E90

## **H. W. Martin & Son Co., Licking County**

AGI 3101GL, AGI 34LL01, AGI 36MN01, AGI 3801RX, AGI 9-734AE

## **Ohigro, Inc., Marion County**

AGI 9-730AE

## **R Farm, Pickaway County**

AGI 31LL01, AGI 35LL01, AGI 36MN01, AGI 7374M, AGI 9-737AE

## **Riker Farm Seed Co., Wood County**

AGI 0-725AE, AGI 240GL, AGI 25M04, AGI 26CN06, AGI 2701GL, AGI 2801GL, AGI 28LL01, AGI 29CN09, AGI 3101GL, AGI 31CN07, AGI 32CN08, AGI 9-726AE

## **Schlessman Seed Co., Erie County**

SSC 283LL, SSC 2919E, SSC 3120R2RXT, SSC 3219E, SSC 327LL, SSC 3320E, SSC 340LLG

## **Schwartz Farms, Trumbull County**

AgVenture 30H0, S25-D3, Viking 3144N,

## **Seed Genetics-DIRECT, LLC, Fayette County**

AGI 0-733AE, AGI 0-738AE, AGI 9-737AE, AGI 9-738AE

## **Utz Seed Farms, Inc., Crawford County**

AGI 0-727AE; AGI 21M01, AGI 2401RX, AGI 2501GL, AGI 25M04, AGI 2701GL, AGI 2801GL, AGI 3002RX, AGI 31M04, AGI 3502RX, AGI 9-720AE, AGI 9-725AE, 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 grow-out 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 authentication 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 County.....(937)644-8215  
Bluegrass Farms of Ohio, Inc. Fayette County .....(740)426-6683

## CORN

Bluegrass Farms of Ohio, Inc., Fayette County .....(740)426-6683

# 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 2020.

NAME/ADDRESS	COUNTY	FAX	PHONE
<b>Bumb Farms</b> 11094 West County Rd. 6 Alvada, OH 44802	Seneca	---	(419) 934-9336
<b>Enterprise Hill Farm, Inc.</b> 5264 Huber Road Norwalk, OH 44857	Huron	(419) 663-2147	(419) 668-0242
<b>Green Ridge Farms</b> 16668 West River Rd. Bowling Green, OH 43402	Wood	---	(419) 265-0304
<b>Needs Farms, LLC</b> 290 Baltimore Somerset Rd. NE Baltimore, OH 43105	Fairfield	---	(740) 490-5762
<b>QM Straw, LLC</b> 341 King Rd. Martinsville, OH 45146	Clinton	---	(937) 685-2132
<b>Straw for Sale Ohio, Inc.</b> 2657 Election House Rd. NW Lancaster, OH 43130	Fairfield	---	(740) 974-8112

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Dublin, Ohio 43017-6580



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- ✓ Herbicide Tolerance
- ✓ Seed Count
- ✓ Tetrazolium
- ✓ Purity
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**FAX: (614) 889-8979**  
**<http://www.ohioseed.org>**

❖ Careful ❖ Concerned ❖ Consistent

# 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

# DISCLAIMERS

**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

## Disclaimers (cont.)

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 therefrom 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.