



**2013**



**Fall Directory  
for  
Wheat, Barley, Rye,  
Spelt, Triticale 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 company 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 of weight of pure seed, other crop seed, weed seed, and inert matter. The label is commonly referred to as an analysis tag. By studying both the CERTIFIED SEED and ANALYSIS TAGS, one can determine the quality of seed in the container. Inquiries for seed and requests for samples should be sent directly to the growers listed, and not to the Ohio Seed Improvement Association. This directory is for informational purposes and is not a solicitation to buy product.



### **OHIO SEED IMPROVEMENT ASSOCIATION**

**6150 Avery Road, Box 477**

**Dublin, Ohio 43017-0477**

**Telephone (614) 889-1136**

**FAX (614) 889-8979**

**<http://www.ohseed.org/>**

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

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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.

## OFFICERS

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# 2013 PRODUCERS

## of Wheat, Barley, Rye, Spelt and Triticale

### 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 Rd., Celina, OH 45822

Mercer Co.....Fax: (419)363-3796..... (419)363-3713

### CLEVER FARMS, INC.

13492 Foundation Rd., Croton, OH 43013

Licking Co.....Fax: (740)893-2285..... (740)893-4191

### DKG SEED FARMS

5043 Coal Bank Rd. Orrville, OH 44667

Wayne Co..... (330)465-7079

### DUPONT/PIONEER HI-BRED INTERNATIONAL

15180 Henry-Wood C.L., Grand Rapids, OH 43522

Wood Co.....Fax: (419)748-8900..... (419)748-8051

### ERNST CONSERVATION SEEDS

9006 Mercer Pike, Meadville, PA 16335

Crawford Co.....Fax: (814)336-5191..... (814)336-2404

### FRENCH'S HYBRIDS, INC.

6484 St. Rt. 303, Wakeman, OH 44889

Huron Co.....Fax: (440)839-2563..... (440)839-2934

### 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

### JAGGER FARM SEEDS

7156 St. Rt. 19, Mt. Gilead, OH 43338

Morrow Co..... (419)946-4957

### LISKAI SEED FARMS

6127 St. Rt. 6, Helena, OH 43435

Sandusky Co.....Fax: (419)638-3083..... (419) 638-3083

### 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. & SON

3389 Gardner Barclay Rd., Farmdale, OH 44417

Trumbull Co.....Fax: (330)876-8037..... (330)876-6573

### OHIGRO, INC.

P.O. 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

### POND SEED COMPANY

12462 BLAINE ST., P.O. BOX 156, Scott, OH 45886

Van Wert Co.....Fax: (419)622-1314..... (419)622-6141

### PRECISION SOYA OF OHIO, LLC

13455 St. Rt. 38 S.E., London, OH 43140

Madison Co.....Fax: (740)874-3307..... (740) 874-3307

## 2013 PRODUCERS

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### R FARM

11504 Darby Creek Rd.,Orient, OH 43146

Pickaway Co., ..... Fax: (614) 877-9110..... (614)877-4792

### REITERMAN SEED FARMS

17722 Clarks Run Rd.,Mt. Sterling, OH 43143

Pickaway Co..... Fax: (740)869-2422..... (740)869-2422

### RIDGEVILLE ELEVATOR, INC.

U.S. Route 6 West, P.O. Box 276, 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

### RUFF'S SEED FARMS

3870 Ruff Road, 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 Gladys Rd.,Lynchburg, OH 45142

Clinton Co..... Fax: (937)364-6334..... (937)364-2780

### STEYER SEEDS, LLC

P.O. Box 209, Old Fort, OH 44861

Seneca Co..... Fax: (419)992-4595..... (419)992-4570

### SYNGENTA SEEDS, INC./AGRIPRO

806 2nd Street, Berthoud, CO 80513

Larimer Co..... Fax: (970)532-2035..... (970) 532-3721

### THOMPSON SEED FARM, INC.

4920 Defiance Trail Rd.,Delphos, OH 45833

Allen Co.,..... Fax: (419)692-3915..... (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

### 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

## 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 their seed 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 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 their rights, they may resort to civil 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 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 filing fee is \$300; the search or examination fee is \$2,150; and the certificate fee is \$300. A full listing of the fees is shown in the act and regulations and rules of practice. There is now a fee of \$50 required when an applicant requests an extension for responding to a request.

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. The one-year window for applications under this exemption is April 5, 1996, through April 4, 1997.

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.

### WHEAT:

Benton\*<sup>94</sup>  
Bravo\*<sup>94</sup>  
Branson\*<sup>94</sup>  
Hopewell\*<sup>94</sup>  
Roane\*<sup>94</sup>  
Sunburst\*<sup>94</sup>  
Shirley\*<sup>94</sup>  
SY1526\*<sup>94</sup>  
Truman\*<sup>94</sup>  
W1104\*<sup>94</sup>  
W1377\*<sup>94</sup>



## PROTECTED VARIETIES CERTIFIED IN OHIO (cont.)

### Barley

Thoroughbred\*<sup>94</sup>

### Rye

Spooner\*<sup>94</sup>

*\*SEED OF THESE VARIETIES MAY 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.

## ROYALTY SCHEDULE FOR VARIETIES CERTIFIED IN OHIO<sup>1</sup>

### WHEAT:

<i>variety</i>	<i>release institution</i>	<i>classes assessed</i>	<i>royalty</i>
Bravo	Sunbeam Extract	R & C	0.0125/lb.
Bromfield	OSU	R & C	0.01/lb.
Cecil*	OARDC	C	0.01/lb.
Hopewell	OSU	R & C	0.50/bu.
Malabar	OSU	R & C	0.01/lb.
Roane*	Virginia Tech	C	0.01/lb.
Sunburst	Sunbeam Extract	R & C	0.0125/lb.
Truman*	Univ. of Missouri	C	0.01/lb.

### BARLEY:

Thoroughbred	Virginia Tech	R,C	30 cents/unit
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### RYE

Spooner*	Univ. of Madison-WI	C	10 cents/bu.
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*\* Limited to two generations -- Foundation and Certified*

## REMINDER FROM THE OSU OFFICE FOR TECHNOLOGY COMMERCIALIZATION AND KNOWLEDGE TRANSFER

The Office for Technology Commercialization and Knowledge Transfer at the Ohio State University reminds OSIA members that they are not to export seed of OSU Plant Variety Protected Act varieties unless their foreign buyer has a royalty license agreement from OSU. If you are unsure if a particular buyer has a license, please contact the university at 614-292-3731 or [bender.151@osu.edu](mailto:bender.151@osu.edu).

## 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 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, or field inspection is made of the growing crop to determine the vigor 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 guarantees 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 they purchase 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.

# 2013 OHIO WHEAT PERFORMANCE RESULTS<sup>1</sup>

VARIETY	WOOD YIELD BU./AC.	CRAWFORD YIELD BU./AC.	WAYNE YIELD BU./AC.	DARKE YIELD BU./AC.	PICKAWAY YIELD BU./AC.	SUMMARY YIELD BU./AC.	TEST WEIGHT	FHB*	PLANT HEIGHT	HEAD DATE
BRAVO	57.5	83.4	86.8	82.2	87.9	79.5	58.0	MR	35	140
BROMFIELD	58.6	81.5	85.5	84.4	88.0	79.6	57.5	MR	35	144
HOPEWELL	63.1	78.2	83.8	85.2	89.5	80.0	56.1	MS	34	143
MALABAR	39.0	70.2	70.1	82.4	80.3	68.4	57.0	MR	35	144
ROANE	61.3	78.2	85.3	81.9	81.9	77.0	59.4	S	30	144
SUNBURST	70.7	95.1	93.4	93.2	88.3	88.1	59.3	S	28	143
SY 483	65.6	93.8	94.5	99.1	94.7	89.5	56.4	S	31	144
SY 1526	54.5	71.9	83.5	84.3	84.5	75.7	57.4	MR	32	141
W1104	42.4	84.5	90.3	88.1	83.8	77.8	55.9	MR	31	142

# OTHER VARIETAL CHARACTERISTICS

VARIETY	RELEASE INFORMATION	STRAW STRENGTH	TEST WEIGHT	WINTER HARDINESS	LEAF RUST	POWDERY MILDEW	DISEASE RATINGS <sup>2</sup>		
							GLUME BLOTCH	WHEAT MOSAIC	HESSIAN FLY
<b>Bravo</b>	2000-C.O.S.T.	Excellent	High	Excellent	S	MS	MS	R	Poor
<b>Bromfield</b>	2008-Ohio	Excellent	Very Good	-	-	MR	MS	-	-
<b>GR962</b>	1992-Ohio	Excellent	Medium	Excellent	S	MS	S	-	-
<b>Hopewell</b>	1992-Ohio	Excellent	Medium	Excellent	S	MR	MR	R	Poor
<b>Malabar</b>	2008-Ohio	Good	Good	-	-	MS	MS	-	-
<b>Roane</b>	1998-Virginia Tech	Good	Very Good	Very Good	MR	S	MR	G	Good
<b>Shirley</b>	2008-Virginia Tech	Excellent	Good	Good	R	R	MS	R	Good
<b>Sunburst</b>	2007-C.O.S.T.	Excellent	Excellent	Excellent	R	MR	MS	-	MR
<b>SY 483</b>	Syngenta Seeds	-	-	-	MR	MS	MS	-	-
<b>SY 1526</b>	Syngenta Seeds	-	-	-	MR	S	MR	MR	-
<b>Truman</b>	2003 Univ. MO.	Good	High	Good	MR	MS	R	MS	Poor
<b>W1104</b>	Syngenta Seeds	-	-	-	MR	MS	MS	MR	-
<b>W1377</b>	Syngenta Seeds	-	High	-	MR	S	-	-	R

<sup>1</sup>All yield data from Ohio State University, Department of Horticulture and Crop Science, Series 228, July 2013.  
<sup>2</sup>S - Susceptible; MS - Moderately Susceptible; MR - Moderately Resistant; R - Resistant; E - Excellent; VG - Very Good; G - Good; F - Fair. Ratings based on a combination of company release notices and university ratings. Reactions scored during 2009 - 2012. Obtain new information each year due to expected changes in reactions over time.

\*Fusarium Head Blight Rating (FHB)

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# SOFT RED WINTER WHEAT

## CERTIFICATION REGULATIONS

### Planting Requirements:

Foundation or Registered seedstock  
Eligible land

### Field Inspection:

Varietal purity, minimum 99.9%

### Laboratory Analysis:

Other varieties or  
off-types, maximum 0.1%

## DESCRIPTIONS OF VARIETIES

***Special Note:*** The variety descriptions are provided by the owner or originator of the variety. Ohio Seed Improvement Association does not guarantee the accuracy of their information, nor does it warrant the performance of all the variety(s)/brand(s) descriptions herein.

### BRANSON

PVPA 1994

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

BRANSON is a soft red winter wheat bred and developed by AgriPro Wheat. Branson is a medium height semidwarf variety with good straw strength. Branson is moderately resistant to Septoria Leaf Blotch, Stripe rust, and Powdery Mildew. It has intermediate resistance to Soilborne Mosaic virus and Leaf rust. Primary adaptation is the wheat growing regions of Missouri, Illinois, Indiana, Michigan and Ohio. Branson has been uniform and stable since 2003. Less than 0.8% of the plants were rogued from the Breeders Seed increase in 2004. Approximately 90% of the rogued variant plants were taller height wheat plants (8 to 15 cm) and 10% were awned plants. AgriPro Wheat maintains seed stock and certified classes of Foundation, Registered and Certified. Certified seed stocks of Branson will be available in the fall of 2005.

### BRAVO

PVPA 1994

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

BRAVO is an exclusive release to Central Ohio Seed Testing as a proprietary, Certified cultivar. Bravo is a very early heading cultivar averaging 5 days earlier than Hopewell or Freedom. It has excellent test weight averaging about 2 lbs/bu above Hopewell. It is a beardless, white chaffed cultivar most closely resembling Freedom among current cultivars, but taller and much earlier. Bravo has shown good resistance to leaf rust and excellent resistance to Powdery Mildew. It also appears highly resistant to soilborne mosaic virus and wheat spindle mosaic virus. Bravo has no resistance to Hessian fly. Milling and baking quality scores for this variety have been excellent.

# SOFT RED WINTER WHEAT

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(Bravo Con't.)

No seed stock sales are permitted to non-licensed companies or to international firms without the permission of the owner of the variety. A license is required to produce seed of this variety. Certified classes of seed will be Foundation, Registered and Certified.

## BROMFIELD

BROMFIELD (OH02-12678) is a soft red winter wheat developed by the Ohio Agricultural Research and Development Center and released to Ohio Foundation Seeds organization for increase in the fall of 2007. This variety was released due to its adaptation to Ohio, excellent overall disease resistance, low DON, and its superior test weight. In the 2007 Uniform Eastern Trials of the best breeding lines from private and public breeders, Bromfield was ranked 11th of 44 entries for yield in the Corn Belt, and 8th of 44 in Ohio environments. This new variety is 1 to 2 inches taller than Hopewell and heads out about the same time. Bromfield has moderate straw strength, and is 1.0 lbs./bu. heavier in test weight than Hopewell. It has tan chaff and is awnless, and has very good resistance to Powdery Mildew, leaf rust and Stagonospora Leaf and Glume Blotches and moderate resistance to Fusarium Head Blight. Certified classes of seed will be Foundation, Registered and Certified.

## HOPEWELL

PVPA 1994

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

HOPEWELL is a soft red winter wheat variety developed by the Ohio Agricultural Research and Development Center. It was released in 1994 because of its high yields, diverse genetics, disease tolerance, standability, and medium maturity. Hopewell is beardless and has red chaff at maturity. It is moderately resistant to Septoria nodorum, but carries no Hessian Fly resistance gene. Certified classes of seed will be Foundation, Registered and Certified.

## MALABAR

MALABAR (OH02-7217) is a soft red winter wheat variety developed by the Ohio Agricultural Research and Development Center and released to the Ohio Foundation Seeds organization for increase in the fall of 2007. This variety was released due to its adaptation to Ohio, outstanding tolerance to Fusarium Head Blight, and excellent resistance to lodging. In 23 trials Malabar yielded 3.8 bu./acre more than "Hopewell" and its test weight was 0.5 lbs./bu. greater. This new variety was 2nd in yield performance out of 25 entries tested in the 2007 Five State Yield Trial. Malabar is 1 to 2 inches taller than Hopewell and heads out about the same time. Malabar has tan chaff, is awnless, and has moderate resistance to Powdery Mildew and Stagonospora Leaf and Glume Botches. Malabar has an exceptional Fusarium Head Blight Index that is similar to that of the resistant check, Truman. Certified classes of seed will be Foundation, Registered and Certified.

# SOFT RED WINTER WHEAT

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## ROANE

*U.S. Protected Variety*

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

*Limited to two generations-Foundation and Certified*

ROANE is a full-season, high yielding, awnletted soft red winter wheat released by the Virginia Agricultural Experiment Station. Roane exhibits a stable and high performance, broad adaptation, and has an exceptionally high test weight and resistance/tolerance to a broad spectrum of plant pathogens and insect pests. Roane is unique in that it possesses a type of inhibition to either aphid feeding or infection by barley yellow dwarf virus. Roane is resistant to the prevalent field populations of powdery mildew, susceptible to stem rust, intermediately resistant to soil borne Mosaic, Wheat Spindle Streak Mosaic viruses, and to leaf and glume blotch. Roane possesses a moderate level of resistance to scab and is resistant to Hessian fly biotypes GP, B, C, and E, and susceptible to biotypes D and L.

## SHIRLEY

*PVPA 1994*

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

SHIRLEY is a proprietary Certified three generation (F, R, & C) generation soft red winter wheat variety developed by Virginia Tech University and exclusively licensed to Crop Production Services (CPS). Shirley is a broadly adapted, high yielding, short stature, full season soft red winter wheat cultivar having very good milling and pastry baking quality. The variety on average is 0 to 3 days later heading than "Roane". Spikes and straw of Shirley are white to creamy in color at maturity, and the awnletted spikes are tapering in shape. The variety is resistant to powdery mildew and it has also expressed a high level of resistance to leaf and stem rust. The variety is susceptible to stripe rust. Shirley is resistant to Barley Yellow Dwarf Virus, Wheat Spindle Streak Mosaic Virus, Septoria tritici leaf blotch, Stagonospora nodorum leaf blotch and glume blotch. It has expressed moderate levels of resistance to Fusarium head blight. Shirley expresses resistance to Hessian fly biotype C, but is susceptible to biotypes B, D, and L. The flag leaf of Shirley is erect and twisted. Variants include talls (1.0%), varying spike shapes (.01%), and spikes of varying color (yellow to green .01%).



# SOFT RED WINTER WHEAT

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## SUNBURST

PVPA 1994

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

SUNBURST is a proprietary Certified soft red winter wheat (*Triticum aestivum L.*) developed by the Sunbeam Extract Company of Wooster, Ohio and is exclusively assigned to Central Ohio Seed Testing in 2008. Sunburst is widely adapted to the Eastern Corn Belt, more specifically to Ohio, Michigan, Pennsylvania, and parts of Canada. Sunburst is intended for general-purpose wheat market. Sunburst has blue-green head color, an erect-twisted flag leaf, short height, excellent straw strength, and is awnless. Green stage variants include: a combined total of .6% tall, awned, and or yellow-green heads. Sunburst was selected due to its excellent winter hardiness, excellent test weight, high yield potential, good scab resistance, and leaf stripe rust resistance. Ohio Foundation Seeds, Inc. will maintain breeder seed. The Certified classes of seed will be Foundation, Registered, and Certified. Application for PVPA Title V will be made and the Certification option will be elected.

## SY1526

PVPA 1994

*Title V - May be sold only as a class of*

SY1526 is a soft red winter wheat bred and developed by Syngenta Seeds Inc. SY1526 has been tested throughout the Midwest and is best adapted to the soft wheat growing regions of Illinois, Indiana, Ohio and Kentucky. In Illinois, Indiana and Ohio it appears to perform best in the area south of Interstate 70, and it has shown early enough heading and maturity to be suitable for double-cropping with soybeans in this region.

SY1526 has shown moderate resistance to the current field races of leaf rust in the Midwest, has shown moderate susceptibility to current Midwest races of powdery mildew, and moderate susceptibility to the complex of wheat soil borne mosaic and wheat spindle mosaic viruses. SY1526 may be moderately resistant to wheat spindle streak mosaic virus if soil borne mosaic virus is not present as shown by its 2009 data from central Illinois. SY1526 has been uniform and stable since 2009. Up to 1.0% variant plants may be encountered in subsequent generations. Syngenta Seeds, Inc. maintains seed stock and Certified classes of Foundation, Registered and Certified. Syngenta Seeds, Inc. will maintain the variety by the head row method to producer breeder seed if needed. Certified seed will be available in the fall of 2012.

# SOFT RED WINTER WHEAT

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## SY 483

PVPA 1994

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

SY 483 is a soft red winter wheat bred and developed by Syngenta Seeds, Inc. SY 483 is a medium tall semi dwarf variety and has white chaff at maturity. It has medium maturity and its heads the same time as W13 77. SY 483 has shown best adaptation to the area north of Interstate 70 in the states of Illinois, Indiana, Ohio, Michigan, Wisconsin, Pennsylvania and also the Del-Mar-VA region of the eastern US. It has shown tolerance to powdery mildew, intermediate susceptibility to Fusarium, Septoria and leaf rusts in the area. SY 483 tests susceptible to Rhizoctonia in laboratory trials.

Juvenile growth habit is semi-erect. Plant color at boot stage is green. Anther color is yellow. Auricle anthocyanin and auricle hairs are present. Flag leaf at boot stage is erect and twisted. Head shape is tapering and awnletted. Chaff color is white at maturity.

SY 483 has been uniform and stable since 2010. Approximately 0.8% of the plants were rogued from the Breeder's seed increase in 2010. Approximately 95% of the rogued variant plants were taller height wheat plants (8 to 15 cm). Up to 1.0% variant plants may be encountered in subsequent generations.

Syngenta Seeds, Inc. maintains seed stock and certified classes of Foundation, Registered and Certified. Certified seed stocks of SY 483 will be available in the fall of 2013. Certified acreage is not to be published by AOSCA and certifying agencies and SY 483 may only be sold as a class of Certified seed and all seed sales are royalty bearing.

## W1104

PVPA 1994

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

W1104 (M02-3104B) is a soft red winter wheat bred and developed by Syngenta Seeds, Inc. W1104 is relatively short height wheat and is medium maturity with height and heading date similar to Cooper. W1104 has shown resistance to moderate resistance to the soil virus complex (WSBMV/WSSMV in Urbana, IL., 2008 & 2009). W1104 has shown moderate resistance to the races of Leaf Rust present in Ohio, Kentucky, and Tennessee in 2007 & 2008. W1104 showed moderate susceptibility to field races of Powdery Mildew (Michigan 2007). Recognized classes are breeder, Foundation, Registered and Certified.

## SOFT RED WINTER WHEAT

### W1377

PVPA 1994

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

W1377 is a soft red winter wheat bred and developed by AgriPro for grain production. W1377 is a medium-tall height wheat that has shown tolerance to the strip rust field races prevalent in 2005. This variety has shown intermediate reaction to leaf rust field races prevalent in the Midwest and upper midsouthern US in 2004, 2005 and 2006. W1377 has shown intermediate reaction to Fusarium head scab, susceptibility to powdery mildew in Michigan and in the East and has shown resistance to Biotypes B and E of Hessian Fly. W1377 has superior test weight with a very bright white straw at harvest.

This variety is adapted to most of the Midwestern and upper midsouthern soft wheat areas. Breeder seed will be maintained by AgriPro and generations of seed to be multiplied will be Breeder, Foundation, Registered and Certified.



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**Website: [www.schlessman-seed.com](http://www.schlessman-seed.com)**

# SOFT RED WINTER WHEAT

## SOURCES FOR 2013 PLANTING

### FOUNDATION SEED

OHIO FOUNDATION SEEDS, INC., LICKING CO.	
LCS NEWS .....	
OH07-262-35.....	2.3
OH08-180-48.....	0.8
SHIRLEY .....	
SUNBURST .....	33.0
VA09W-73.....	8.5

ACRES  
Reg. Cert.

### BRANSON

PVPA 1994

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

SYNGENTA, MERCER CO.....	
THOMPSON SEED FARM, INC., ALLEN CO.....	
TOTAL:.....	

### BRAVO

PVPA 1994

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

BRUBAKER GRAIN & CHEMICAL, MONTGOMERY CO.	9.0	70.0
MILLER SEED FARMS, SENECA CO.....	8.0	40.0
TOTAL:.....	17.0	110.0

### BROMFIELD

MILLER SEED FARMS, SENECA CO.....		15.0
RIKER FARM SEED CO., WOOD CO.....		24.0
WENSINK FARM SEEDS, INC., ERIE CO.....	5.0	56.0
TOTAL:.....	5.0	95.0

# SOFT RED WINTER WHEAT

## HOPEWELL

PVPA 1994

	ACRES	
	Reg.	Cert.
HOUCK SEED COMPANY, HURON CO.....	54.0	208.0
MILLER SEED FARMS, SENECA CO. ....	10.0	82.0
SCHLESSMAN SEED CO., ERIE CO.....		62.0
TOTAL:.....	64.0	352.0

## MALABAR

BRUBAKER GRAIN & CHEMICAL, MONTGOMERY CO.	4.0	36.0
CLEVER FARMS, INC., LICKING CO.....	6.0	16.0
DKG SEED FARMS, WAYNE CO.....	10.0	77.5
FRENCH'S HYBRIDS, INC.....		
HISER SEEDS, ROSS CO.....	17.0	30.0
JAGGER FARM SEEDS, MORROW CO.....	6.0	6.0
MARTIN, H. W. & SON CO., LICKING CO.....	6.0	140.0
MILLER, W. I. & SONS, TRUMBULL CO.....	29.0	197.0
REITERMAN SEED FARMS, PICKAWAY CO.....		31.0
SCHLESSMAN SEED CO., ERIE CO.....	30.0	103.0
SCHWARTZ FARMS, TRUMBULL CO.....	35.0	0.0
WALKER, LELAND & SONS SEEDS, HIGHLAND CO. ...	2.0	21.0
WALTON, B. F. & SONS SEED CO., WYANDOT CO.....	8.0	26.0
WENSINK FARM SEEDS, INC., ERIE CO.....	5.0	100.0
TOTAL:.....	158.0	783.5

## ROANE

U.S. Protected Variety

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

*Limited to two generations - Foundation and Certified*

DKG SEED FARMS, WAYNE CO.....	43.1
MILLER SEED FARMS, SENECA CO. ....	40.0
TOTAL:.....	83.1

## SHIRLEY

PVPA 1994

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

PRECISION SOYA OF OHIO, LLC, MADISON CO.....	
TOTAL:.....	

# SOFT RED WINTER WHEAT

## SUNBURST

PVPA 1994

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

	ACRES	
	Reg.	Cert.
BRUBAKER GRAIN & CHEMICAL, MONTGOMERY CO.	6.0	63.0
CLEVER FARMS, INC., LICKING CO.....		48.0
HISER SEEDS, ROSS CO.....	10.0	35.0
HOUCK SEED COMPANY, HURON CO.....	53.0	86.0
LISKAI SEED FARMS, SANDUSKY CO.....		33.0
MILLER SEED FARMS, SENECA CO.....	12.5	197.3
MILLER, W. I. & SONS, TRUMBULL CO.....	22.8	143.4
POND SEED COMPANY, VAN WERT CO.....	28.2	97.2
R FARM, PICKAWAY CO.....		21.0
REITERMAN SEED FARMS, PICKAWAY CO.....		24.0
RIDGEVILLE ELEVATOR, INC., HENRY CO.....		25.0
RIKER FARM SEED CO., WOOD CO.....	10.0	43.0
SCHLESSMAN SEED CO., ERIE CO.....	35.0	285.7
SCHWARTZ FARMS, TRUMBULL CO.....	31.0	153.2
THOMPSON SEED FARM, INC., ALLEN CO.....	101.0	0.0
UTZ SEED FARMS, INC., CRAWFORD CO.....		90.0
WALTON, B. F. & SONS SEED CO., WYANDOT CO.....		92.0
WELLMAN SEEDS, INC., VAN WERT CO.....	283.0	95.0
WENSINK FARM SEEDS, INC., ERIE CO.....	9.0	101.0
TOTAL:.....	601.5	1632.8

## SY1526

PVPA 1994

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

MILLER, W. I. & SONS, TRUMBULL CO.....	
SYNGENTA, CO.....	
TOTAL:.....	

## SY 483

PVPA 1994

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

SYNGENTA, CO.....	
THOMPSON SEED FARM, INC., ALLEN CO.....	
TOTAL:.....	

## SOFT RED WINTER WHEAT

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ACRES

**W1104**

PVPA 1994

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

Reg. \_\_\_\_\_ Cert. \_\_\_\_\_

MILLER, W. I. & SONS, TRUMBULL CO.....  
R FARM, PICKAWAY CO.....  
SYNGENTA, MERCER CO.....  
THOMPSON SEED FARM, INC., ALLEN CO.....  
TOTAL:.....

**W1377**

PVPA 1994

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

THOMPSON SEED FARM, INC., ALLEN CO.....  
TOTAL:.....

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## WINTER BARLEY

### CERTIFICATION REGULATIONS

#### Planting Requirements:

Foundation or Registered seedstock  
Eligible land

#### Field Inspection:

Varietal purity, minimum 99.9%

#### Laboratory Analysis:

Other varieties or  
off-types, maximum 0.1%

### DESCRIPTIONS OF VARIETIES

#### THOROUGHbred

*U.S. Protected Variety*

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

THOROUGHbred is a high yielding, full season, awned, six-row hulled winter feed barley having very good straw strength, high test weight and bright plump seed. On average, head emergence of Thoroughbred is 2 days later than Wysor, 4 days later than Nomini and Price, and 6 days later than Callao. Average plant height is 3-4 inches taller than Callao and Price, and 3-4 inches shorter than Wysor and Nomini. Straw strength is similar to those of Price and Nomini, and better than those of Wysor and Callao. As a feed grain and rotational crop, Thoroughbred is superior to Nomini and Callao. Thoroughbred is resistant to powdery mildew and barley yellow dwarf virus. It is moderately susceptible to leaf rust and net blotch. This variety has three classes (F, R & C) and has a thirty cent/unit royalty.



## WINTER BARLEY

### SOURCES FOR 2013 PLANTING

#### FOUNDATION SEED

ACRES

OHIO FOUNDATION SEEDS, INC., LICKING CO.

THOROUGHbred .....

8.0

ACRES

Reg.        Cert.       

#### THOROUGHbred

*U.S. Protected Variety*

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

DKG SEED FARMS, WAYNE CO.....

86.0

0.0

MILLER, W. I. & SONS, TRUMBULL CO.....

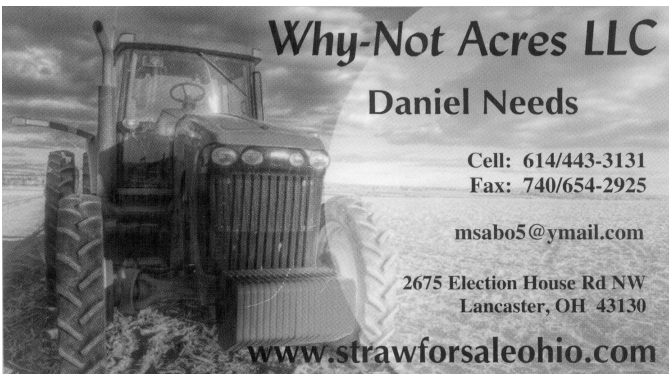
6.4

109.2

TOTAL:.....

92.4

109.2



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## WINTER RYE

### CERTIFICATION REGULATIONS

#### Planting Requirements:

Foundation or Registered seedstock

Eligible land

Isolation distance of 660 ft. required

#### Field Inspection:

Varietal purity, minimum 99.9%

#### Laboratory Analysis:

Other varieties or

off-types, maximum 0.1%

### DESCRIPTIONS OF VARIETIES

#### AROOSTOOK

AROOSTOOK (*Secale cereale*) was released by the USDA Soil Conservation service, New York State College of Agriculture and Life Sciences at Cornell University and the Maine Department of Agriculture, Division of Plant Industries, in November, 1981. Aroostook produces more fall growth when seeded late in the fall, more spring growth and exhibited greater winter hardiness than other varieties in comparison trials. The number of leaves per plant, were greater for Aroostook Rye than for Balboa, after 220 and 240 growing degree days, with a base temperature of 0°C. Growth habit is primarily winter, with a very small percentage of mixed spring or intermediate types. Aroostook is considered to be a very tall, early variety and is susceptible to leaf rust and ergot. This variety has three classes (F, R & C).

#### SPOONER

*U.S. Protected Variety*

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

*Limited to two generations - Foundation and Certified*

Spooner is a high yielding winter rye (diploid) released by the University of Wisconsin-Madison in 1992. Grain yields and test weight exceed those of Hancock. Spooner heads about 1 day earlier than Hancock and has excellent winter hardiness. Spooner is tall, averaging about 3 inches taller than Hancock. but lodging less than Hancock. Kernels wheat-like in color predominate. A license agreement, fee and royalty is required for this variety.

## WINTER RYE

### SOURCES FOR 2013 PLANTING

ACRES  
Reg. \_\_\_\_\_ Cert. \_\_\_\_\_

#### AROOSTOOK

ERNST CONSERVATION SEEDS, CRAWFORD CO. PA 24.4 177.3

TOTAL: ..... 24.4 177.3

#### SPOONER

*U.S. Protected Variety*

*Limited to two generations - Foundation and Certified*

DKG SEED FARMS, WAYNE CO..... 70.0

TOTAL: ..... 70.0



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## CERTIFICATION REGULATIONS

### Planting Requirements:

- Foundation or Registered seedstock
- Eligible land

### Field Inspection:

- |                          |       |
|--------------------------|-------|
| Varietal purity, minimum | 99.9% |
|--------------------------|-------|

### Laboratory Analysis:

- |  |      |
|--|------|
| Other varieties or<br>off-types, maximum | 0.1% |
|--|------|

## DESCRIPTIONS OF VARIETIES

### CHAMP

CHAMP is a variety of winter spelt developed at the Ohio Agricultural Research and Development Center. Although a few varieties of spelt were developed in the early part of this century, none appear to exist in recent years. Local collections made in the 1970's do not fit the early published descriptions of improved varieties; thus, they have been referred to as "common" spelt. Champ, the first public variety released in recent decades, is the progeny of a wheat-spelt cross. At the end of the 1985 season Champ had been tested in a total of 15 trials over 5 years and has out yielded common spelt by an average of 23.2%. Champ is an awnless, brown chaffed cultivar with approximately the same maturity and equivalent winter hardiness as common spelt. The variety is slightly taller and has considerably improved straw strength. Champ possesses very good resistance to leaf rust but is only moderately resistant to powdery mildew. It also appears very resistant to wheat spindle streak mosaic virus (WSSM). Protein content of Champ has consistently been 1 to 1.5% higher than common spelt.

### COMET

*Limited to two generations - Foundation and Certified*

COMET is easily distinguishable from Oberkulmer, Champ, Maverick and Sungold due to its extreme shortness of stature, its earliness, and its cream or off-white chaff color. Comet has averaged twenty inches shorter than Oberkulmer and about twelve inches shorter than Maverick or Sungold. It averages about the same date of heading as Maverick and is several days earlier than Oberkulmer and Champ. The cultivar appears well adapted to Midwest growing conditions. Late seedings of increases indicate the cultivar has excellent winter hardiness. Comet appears to have very high protein content, averaging 1.5% higher than Oberkulmer (whole grain) in tests prior to 1998. This cultivar is exclusively licensed to French's Hybrids, Inc. as a royalty bearing variety.

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# SPELT

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## OBERKULMER

*Limited to two generations - Foundation and Certified*

OBERKULMER is a robust older cultivar capable of excellent yield and performance. Imported from Switzerland and tested in Ohio since 1989. Oberkulmer, a pure spelt cultivar containing no wheat germplasm in its parentage, is one of the cultivars preferred for food usage. It is especially desirable for bread making due to its high grain protein content which also makes it very desirable for use in animal rations. In 1994 trials in Ohio, Oberkulmer averaged 2.1 higher whole grain protein than Rouquin; 1.6% higher than GR 900. The cultivar is characterized by extremely high winter hardiness; is awnless with brown chaff color, large heads and large kernels. It is similar to Champ and GR 900 in heading date and maturity and a few inches taller in height. Yields over the past three years have been equal to Champ and GR 900 in four replicated yield trials. This cultivar is exclusively licensed to French's Hybrids, Inc. as a royalty bearing variety.

## MAVERICK

*Limited to two generations - Foundation and Certified*

MAVERICK is easily distinguishable from Oberkulmer and Champ in that it is white chaffed at maturity. Maverick is several days earlier and several inches shorter in height than Champ. Maverick exhibits much improved winter survival over other varieties as well as improved test weight. Protein contents are very acceptable and baking qualities are superior to Oberkulmer. In five years of testing, Maverick has nearly a 9 bushel per acre yield advantage over Oberkulmer. This line appears well adapted to Midwest growing conditions and has performed very well in trials in the upper Midwest and Canada. This cultivar is exclusively licensed to French's Hybrids, Inc. as a royalty bearing variety.

## SAMMY

*Limited to two generations - Foundation and Certified*

SAMMY is a two generation exclusively licensed to Rupp Seeds, as a royalty bearing variety for marketing in the U.S. The variety is much earlier in heading data than either "Oberkulmer" or "Sava". Sammy is shorter than Oberkulmer, but similar to Sava in plant height. Sammy is much improved to both Oberkulmer and Sava in lodging resistance. The variants found in Sammy are less than 1% awned plants. Sammy has a lax head that is tapering in shape. Tip awns are present and are generally between 1 and 2 inches in length. Plant color at maturity is light to medium brown. When compared to the spelt variety "Maverick", Sammy differs in chaff color, being described as "light to medium brown" while Maverick is described as "white", has longer tip awns and wider, shorter, glumes. Sammy appears well adapted to growing conditions found throughout the Midwest and should be an important addition to the spelt genotypes available for production in the future.

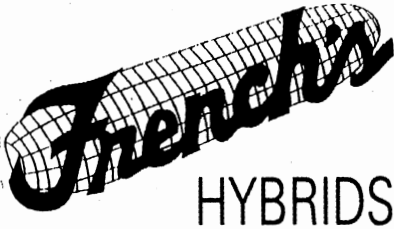
## SPELT

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### SUNGOLD

*Limited to two generations - Foundation and Certified*

SUNGOLD is easily distinguishable from Oberkulmer, Champ, and Maverick, the only other spelt cultivars currently certified since it has a medium brown chaff color. Sungold is also several days earlier to head than Oberkulmer and Champ, but about three days later in heading than Maverick. Sungold is also several inches shorter than Oberkulmer and Champ, being about the same height as Maverick. The cultivar appears well adapted to Midwest growing conditions and has also performed well in Montana and Canada. This cultivar is exclusively licensed to French's Hybrids, Inc. as a royalty variety.



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## SOURCES FOR 2013 PLANTING

### FOUNDATION SEED

ACRES

FRENCH'S HYBRIDS, INC., HURON CO.  
 CHAMP ..... 28.0  
 COMET .....  
 MAVERICK.....  
 OBERKULMER.....  
 SUNGOLD.....  
 RUPP SEEDS, INC., FULTON CO.  
 SAMMY

ACRES

Reg. \_\_\_\_\_ Cert. \_\_\_\_\_

### CHAMP

*Limited to two generations - Foundation and Certified*

FRENCH'S HYBRIDS, INC., HURON CO.....  
 TOTAL:.....

### COMET

*Limited to One Generation From Breeders Seed - Certified*

FRENCH'S HYBRIDS, INC., HURON CO.....  
 TOTAL:.....

### MAVERICK

*Limited to One Generation From Breeders Seed - Certified*

FRENCH'S HYBRIDS, INC., HURON CO.....  
 TOTAL:.....

### OBERKULMER

*Limited to One Generation From Breeders Seed - Certified*

FRENCH'S HYBRIDS, INC., HURON CO.....  
 TOTAL:.....

### SUNGOLD

*Limited to One Generation From Breeders Seed - Certified*

FRENCH'S HYBRIDS, INC., HURON CO.....  
 TOTAL:.....

# TRITICALE

## SOURCES FOR 2013 PLANTING

### Planting Requirements:

Foundation or Registered seedstock

Eligible land

### Field Inspection:

Varietal purity, minimum 99.9%

### Laboratory Analysis:

Other varieties or  
off-types, maximum 0.1%

## DESCRIPTIONS OF VARIETIES

### 815

*PVPA 1994*

The triticale variety “815” is hexaploid, photoperiod-sensitive, winter-type triticale. Its maturity is intermediate (midseason) reaching 50% flowering approximately five (5) days earlier than the triticale variety “Lasko” and ten (10) days earlier than triticale “102”. It has good winterhardiness, though it is not as winterhardy as “102” or “Jenkins”.

Coleoptiles of 815 are green and juvenile growth is semiprostate. At boot stage, plant color is green and the leaves have a waxy bloom. Plant height of 815 at maturity is intermediate, approximately 10 cm taller than Lasko and 40 cm shorter than 102 (except for variants described below).

Heads of 815 are middense, fusiform, and fully awned. Awn color is white. Under some environmental conditions, approximately 1.5% of the plants have brownish spikes.

## SOURCES FOR 2013 PLANTING

ACRES

Reg. Cert.

RUPP SEEDS, INC. FULTON CO.....



# NOXIOUS WEED FREE FORAGE AND MULCH CERTIFICATION

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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.

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DARR FARMS, LLC

21284 TR 257, Newcomerstown, OH 43832

Tuscarawas Co. ....Fax: (740) 498-8219..... (740)498-5400

ENTERPRISE HILL FARM

5264 Huber Road, Norwalk, OH 44857

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

QM STRAW, LLC

341 King Road, Martinsville, OH 45146

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

SHEA'S LAWN SERVICE

3225 Indian Creek, Oxford, OH 45056

Butler Co.....Fax: (513)756-0421 ..... (513)756-0421

WEBER FARMS

2151 Walker Road, Hilliard, Ohio 43026

Franklin Co. ....Cell(614)774-0952.....Cell(614)402-5820

WHY-NOT ACRES LLC

2675 Election House Rd NW, Lancaster, OH 43130

Lancaster Co. ....Fax: (740)654-2925 ..... (614)443-3131

## QUALITY ASSURANCE PROGRAM



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.

Seed carrying the green "QA" tag has met the minimum genetic standards of not more than 0.5% off-type plants or seeds based on the breeder's agronomic description.

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.

**In response to periodic requests from growers for soft red winter wheat sources of awned or bearded wheat varieties, OSIA has indicated those QA varieties for which breeder descriptions have indicated this particular plant head type.**

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

## QUALITY ASSURANCE PROGRAM

### WHEAT (HRW)

OHIO FOUNDATION SEEDS, INC., LICKING CO.  
LINUS (HRW)

# QUALITY ASSURANCE PROGRAM

## WHEAT (SRW)

BRUBAKER GRAIN & CHEMICAL, MONTGOMERY CO.

VALLEY VIEW 161

BURTCH SEED CO., INC., MERCER CO.

STRIKE 215

STRIKE 220

CLEVER FARMS, INC., LICKING CO.

AGI 304

AGI 306

DKG SEED FARMS, WAYNE CO.

LION

MARTIN, H. W. & SON CO., LICKING CO.

AGI 307

MILLER SEED FARMS, SENECA CO.

LION

OHIGRO, INC., MARION CO.

AGI 206B

AGI 307

POND SEED COMPANY, VAN WERT CO.

AGI 109B - AWNED/BEARDED

AGI 306

LION

R FARM, PICKAWAY CO.

AGI 306

AGI 308

REITERMAN SEED FARMS, PICKAWAY CO.

LION

RIKER FARM SEED CO., WOOD CO.

AGI 109B - AWNED/BEARDED

AGI 205

AGI 210

AGI 306

RUPP SEEDS, INC., FULTON CO.

RS935 - AWNED/BEARDED

RS967 - AWNED/BEARDED

RS972

RS979

RS9XP07

SCHWARTZ FARMS, TRUMBULL CO.

AGI 109B - AWNED/BEARDED

AGI 206B - AWNED/BEARDED

AGI 307

AGI 401

AGRIMAXX 434 - AWNED/BEARDED

AGRIMAXX 438

STERITZ SEEDS, CLINTON CO.

LION

STEYER SEEDS, LLC., SENECA CO.

PIERSON

THOMPSON SEED FARM, INC., ALLEN CO.

TS 4040

# INFORMATION ONLY

## WHEAT (SRW)

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Utz Seed Farms, Inc., Crawford CO.  
AGI 212B - AWNED/BEARDED  
AGI 306  
AGI 307  
LION  
SCHLESSMAN SEED CO., ERIE CO.  
ARENA  
AVATAR  
BRODY  
MOCHA  
OUTLAW  
RUBY - AWNED/BEARDED  
WELLMAN SEEDS, INC., VAN WERT CO.  
W 206 - AWNED/BEARDED  
W 208

### CENTRAL OHIO SEED TESTING

A FULL LINE OF TURF SEED AND ROW CROP TESTING SERVICES

#### Tests Offered:

- Warm Germination for Grain Crops, Grasses, Legumes, and Wildflowers
- Purity
- Sod Quality
- Tetrazolium
- Microscopic Seed Examination
- Seed Vigor Testing
- Seed Count



PHONE: (614) 792-0334  
FAX: (614) 889-8979

**Central Ohio Seed Testing**, 6150 Avery Road, Box 1580,  
Dublin, Ohio 43017-6580  
web: <http://www.ohseed.org>

# 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. He is interested in your welfare.

**PLS (PURE LIVE SEED)** - is the percentage of pure seed that will germinate. It is determined by multiplying the percent of pure crop seed times the germination percentage and dividing by one hundred.

# Ohio Farmers Stay in the Lead through Research and Development

The last few years have seen the introduction of new high yielding wheat varieties by the Ohio Agricultural Research and Development Center. These varieties are providing Ohio farmers with the means to increase yield significantly through superior genetic potential.

**Ohio Seed Improvement Association  
Supports Varietal Development Research**



Such improvements in genetic ability and yield potential come only through years of making crosses, observation, study and selection. Such meticulous research also requires tremendous monetary support. For over fifteen years, the Ohio Seed Improvement Association has contributed significantly to varietal development research.

Over the past fifteen years the association has donated over \$1,000,000 to keep the program moving forward. These dollars hire much needed equipment and technicians who assist in all aspects of the work. Crossing, planting, observation, testing, harvesting and packaging the seeds require skilled help. OSIA contributions help keep the program moving ahead.

**Ohio Certified Seed Means Progress**

# 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**

## **Variety/Brand Descriptions**

The descriptions are provided by the grower 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 [www.ohseed.org](http://www.ohseed.org).

## **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.

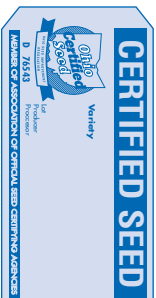
I have read, understand and agree to the foregoing terms and conditions and I herewith make APPLICATION for SEED CROP INSPECTION of the varieties listed in the inspection requests for the purpose of having seed there from certified by the Ohio Seed Improvement Association, designated an official seed 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. Members are also required to notify OSIA if their field(s) have not been inspected prior to harvest.

# NOTES

# NOTES

# NOTES

# NOTES



## OHIO SEED IMPROVEMENT ASSOCIATION

6150 Avery Road, Box 477

Dublin, Ohio 43017-0477

Phone 614-889-1136

FAX 614-889-8979

<http://www.ohseed.org>

Email: [osia@ohseed.org](mailto:osia@ohseed.org)