

MISSOURI SEED DIRECTORY

2022 FALL



For Fall Seeded Crops

Winter Barley

Hard Red Winter Wheat

Soft Red Winter Wheat

Winter Triticale

THE MISSOURI CROP IMPROVEMENT ASSOCIATION

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TABLE OF CONTENTS

Foreword			1
Officers, Directors and Staff			1
Purpose of Seed Certification			1
Plant Variety Protection Listing			3
2022 Fall Producers Listing			4
Winter Barley			
Secretariat			6
Hard Red Winter Wheat			
WB4401			6
Zenda			6
Soft Red Winter Wheat			
AgriMAXX 463	7	LVF 1640	10
AgriMAXX 475	7	Missouri Pride 7202	10
AgriMAXX 490	7	Momentum 104	10
AgriMAXX 500	7	Momentum 106	11
AgriMAXX 503	7	Momentum 110	11
AgriMAXX 505	8	Oakes	11
AgriMAXX 511	8	Oliver	11
AgriMAXX 513	8	Pioneer Brand 26R10	12
AgriMAXX 520	8	Pioneer Brand 26R36	12
Anna	8	Pioneer Brand 26R41	12
Bess	8	Pioneer Brand 26R45	12
Branson	9	Pioneer Brand 26R59	12
GrowPro GP747	9	Roane	13
K-2202SRW	9	SY Richie	13
K-9102SRW	9	SY Viper	13
Kingrazer	9	Truman	13
KSC 1180	9	WB2606	14
Liberty 5658	10	XL 210	14
LVF 0938	10	XL 222	14
LVF 1542	10	XL 297	14
		XL 332	14
Winter Triticale			
641512175 (Surge)			14
2022 Annual Meeting Announcement			15

FOREWORD

All producers listed in this directory have affirmed that seed planted on fields for which certification was requested was foundation, registered or certified. The history of all such seed has been checked through the records of the Missouri Crop Improvement Association and all fields examined prior to harvest by a competent inspector. Final certification requires seed to be conditioned and a certified tag or certificate to be attached to each bag, container or bulk storage unit. More detailed information describing an individual source may be obtained from the producer or the MCIA office.

Certification may be completed by the producer, or if desired, he may have the seed conditioned by an Approved Certified Seed Conditioner and stored to await final sampling and certification.

Seed from fields that have met the requirements for field inspection may be transferred in bulk (unconditioned form) only after formal approval is granted by the Missouri Crop Improvement Association. Please contact the MCIA office for the appropriate transfer forms. All Missouri certified seed must be conditioned by a MCIA approved conditioning facility.

2022 Officers and Staff Missouri Crop Improvement Association

President	Rennie Davis, Vandalia
Vice President	E. L. Reed, Chillicothe
Director	Steve Fleming, Columbia
Director	Lynn Andrews, Carthage
Director	Pam Rowland, Dudley
Director	Eddie Hoff, Boonville
Director	Kevin Mainord, East Prairie
Director	Bruce Strobel, Concordia
Director	Dan Weber, Marshall
Executive Director / Secretary-Treasurer.....	Richard Arnett, Columbia
Field Services Manager	Rick Hofen, Columbia
Seed Laboratory Manager	Marshal Reidlinger, Columbia
Laboratory Technician	Paul Springer, Columbia
Laboratory Technician	Robin Crane, Columbia
Laboratory Technician	Cory Arnett, Columbia

Purpose of Seed Certification

The purpose shall be to maintain and make available seed and propagating material of varieties so grown and distributed as to insure genetic purity and identity. To accomplish this, the Missouri Crop Improvement Association has adopted a limited generation program of seed certification that encompasses four recognized classes of seed; Breeder, Foundation, Registered and Certified.

Breeder's seed is original seed of a variety developed by the originator which remains in his/her control. Foundation seed is the progeny of Breeder's seed. Registered seed is the progeny of Foundation seed. Certified seed may be the progeny of either Foundation or Registered seed. The limited generation system means that Certified seed should not be more than three generations removed from original Breeder's seed.

Certified seed may not be re-certified, except for varieties where Foundation seed is no longer maintained or in the event an emergency is declared stating there is inadequate Foundation or Registered seed supplies to plant the needed acreage of a variety.

Authority

The Missouri Crop Improvement Association is designated annually as the official seed certifying agency for the State of Missouri by the Director of the Missouri Agricultural Experiment Station as provided for in Section 266.095 of the Missouri Seed Law.

Eligibility Requirements

The Missouri Crop Improvement Association will accept as eligible for certification any variety which:

1. Is released by the Missouri Agricultural Experiment Station and meets all Federal Seed Act requirements
2. Is recommended by the National Crop Variety Review Board
3. Is approved by the Plant Variety Protection Office and meets all Federal Seed Act requirements
4. Has been accepted for certification by a member agency of AOSCA and meets all Federal Seed Act Requirements
5. Meets all Federal Seed Act requirements and is determined to be eligible by the MCIA Certification Committee

Production

All Missouri Certified Seed is produced under the guidelines established by the MCIA Board of Directors for the production of Certified seed and adheres to the quality standards as published in the Missouri Seed Certification handbook. Only qualified producers approved by the MCIA Board of Directors are eligible to produce Missouri Certified Seed.

Inspection

All seed sold as Certified must meet the published standards for both field inspection and laboratory testing. Each production field of Missouri Certified Seed will be inspected one or more times in the field prior to harvest by a competent, qualified inspector. Each seed lot of Missouri Certified Seed will be inspected in the laboratory after conditioning to determine that the seed meets the minimum varietal purity and mechanical (germination, pure seed, etc...) standards established for that crop.

Labeling

An official tag or label of the MCIA must be attached to each container of seed sold as Certified. If Certified seed is sold in bulk form, an official certificate from the MCIA must accompany the seed at the time of sale. Seed should not be accepted as Certified without an official label or certificate, regardless of the claims of the seller.

QUALITY ASSURANCE PROGRAM (QA)

The Quality Assurance (QA) program is a service offered to MCIA members that mirrors the official certification program for cultivars that have not been approved for production as certified seed or do not meet certification eligibility requirements. MCIA's QA program provides independent, unbiased, third-party field inspection and laboratory testing for cultivars that are not eligible to be produced within the normal certification process. Listing in this directory implies that the seed is eligible to be tagged with an official MCIA QA tag or label. Please refer to the label for the exact status of the seed. For additional information on the QA program, please contact the MCIA office.

Protected Varieties Produced in Missouri

The following list contains varieties applied for certification or quality assurance inspection in Missouri for which the owner has applied and/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 originator has invoked U.S. Plant Variety Protection may be sold by variety name only.

This is not a complete listing of all protected varieties, only those varieties for which certification or quality assurance inspection by the Missouri Crop Improvement Association has been applied for. A complete listing of all protected varieties may be obtained by contacting:

USDA/AMS/PVP
National Agricultural Library Building
Beltsville, MD 20705
www.ars-grin.gov/cgi-bin/npgs/html/pvplist.pl?

Soft Red Winter Wheat

Branson	Liberty 5658
Oakes	Pioneer Brand 26R10
Pioneer Brand 26R36	Pioneer Brand 26R41
Pioneer Brand 26R45	Pioneer Brand 26R59 Roane
SY Richie	SY Viper
Truman	

Hard Red Winter Wheat

WB4401	Zenda
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Winter Barley

Secretariat

Triticale

641512175 (Surge)

The purpose of this directory is to provide producers with a convenient reference of the sources of Certified and/or Quality Assurance seed. For additional copies or information not provided in this booklet, please contact:

Executive Director
Missouri Crop Improvement Association
3211 Lemone Industrial Blvd.
Columbia, MO 65201-7600

Phone	(573) 449-0586
Fax	(573) 874-3193
E-mail	moseed@aol.com
Internet	www.mocrop.org

Alphabetical Listing of Producers

Andrews Farm & Seed

Lynn Andrews
5505 Locust Road
Carthage, MO 64836
(417) 246-5510

Chestnut Corner Farms

Pat Clark
13982 Hwy 139
Sumner, MO 64681
(559) 284-7669

Danny Ball Farms, LLC

David Schultz
853 S Hwy Y
Jasper, MO 64755
(417) 437-0263

Davis Seed Farms Inc.

Rennie Davis
45339 Audrain 548
Vandalia, MO 63382
(573) 594-3222

Dorroh Seed & Supply Company

Lawrence Dorroh
2501 Hwy. 84 East
Hayti, MO 63851
(573) 359-2222

El-Par Seeds

Richard Elliott
18254 Providence Road
Versailles, MO 65084
(573) 378-4540

Ferguson Seed Farms

Steve Ferguson
764 County Road 239
Glasgow, MO 65254
(660) 338-5105

Gemeinhardt Seeds

Kevin Mainord
411 South Hwy 75
East Prairie, MO 63845
(573) 649-3396

Gremaud Ag & Resources

Tim Gremaud
287 Raccoon Road
Perryville, MO 63775
(573) 547-7214

Ken Tevis Seed

KenTevis
19588 Tevis Road
Hughesville, MO 65334
(660) 460-0648

Kincaid Seed Company

Jaret Kincaid
15508 Thorn Road
Jasper, MO 64755
(417) 394-3100

Kinley Miller Farms

Kinley Miller
12531 Lee Town Road
Pea Ridge, AR 72751
(479) 451-1191

Knipp Seed Company

Leroy Knipp
72413 Seed House Road
Tipton, MO 65081
(660) 433-2353

Krause Seeds, Inc.

Steve Krause
PO Box 688
Concordia, MO 64020
(660) 463-7333

Lakeview Farms

Verlin Shrock
44200 Hwy. BB
Middletown, MO 63359
573-253-6625

William E. Metzgar

10602 Keystone Dr.
Mound City, MO 64470
(660) 442-3964

Missouri Foundation Seeds

Jeff McHugh
3600 New Haven Road
Columbia, MO 65201
(573) 884-7333

Parsons Seed Cleaning

Paul Parsons
3394 Isaac Miller Trail
Albany, MO 64402
(660) 726-3774

Service & Supply CO-OP

Randy Rodgers
1196 Hwy E
Bellflower, MO 63333
(573) 835-2485

Simplot Grower Solutions

Victor Kerperien
17355 Hwy 412 West
Walnut Ridge, AR 72476
(870) 573-6353

Stoddard County Seed & Feed

Pam Rowland
11573 State Hwy. TT
Dudley, MO 63936
(573) 624-6666

Stratton Seed Company

Brent Dennison
200 W Russell
East Prairie, MO
(573) 649-3520

Strobel Seed

Bruce Strobel
1173 NE 1075
Concordia, MO 64020
(660) 463-2895

Tanner Seed Company

Zack Tanner
2893 County Road 675
Bernie, MO 63822
(573) 276-2286

Thompson & Son Seed Treating

Chris Thompson
9085 NW Hwy. A
Appleton City, MO 64724
(660) 679-1041

Weber Seeds

Dan Weber
29761 E. Hwy. 41
Marshall, MO 65340
(660) 886-9998

WINTER BARLEY

SECRETARIAT (1994 PVP Protected) is a six-row hulled variety that is high yielding with high test weight. It is a moderately early heading variety with short plant height, good winter hardiness and short awns. Secretariat is resistant to most prevalent barley diseases but is susceptible to fusarium head blight (scab).

Certified Class

El-Par Seeds

Kincaid Seed Company

Versailles, MO

Jasper, MO

(573) 378-4540

(417) 394-3100

HARD RED WINTER WHEAT

WB4401 (1994 PVP Protected Variety) is a medium maturity variety that has good standability and winter hardiness and very good test weight. WB4401 scores 5 for leaf rust, 2 for powdery mildew, 2 for soil-borne mosaic virus, 3 for stripe rust, 5 for tan spot, 7 for wheat streak mosaic and 5 for fusarium head blight (scab) on a scale of 1-9 with 1 being best.

Certified Class

Danny Ball Farms

Jasper, MO

(417) 437-0263

ZENDA (1994 PVP Protected) is a medium-early, medium height variety that has moderate resistance to stem, stripe and leaf rust. It also has good acid soil tolerance and is resistant to soilborne mosaic virus. Zenda will have similar resistance to Fusarium head blight (scab) as Everest but will be slightly more susceptible to barley yellow dwarf.

Registered & Certified Class

William E. Metzgar

Mound City, MO

(660) 442-3964

SOFT RED WINTER WHEAT

AGRI MAXX 463 is an awnless variety with early maturity and medium short height. It scores 9 for double crop suitability, 10 for standability, 8 for winter hardiness, 7 for test weight, 8 for septoria glume blotch resistance, 8 for leaf rust resistance, 9 for stripe rust resistance, 10 for head scab resistance, 8 for septoria leaf blotch resistance and 8 for powdery mildew resistance on a scale of 1-10 with 10 being excellent.

Quality Assurance Class

Andrews Farm & Seed

Carthage, MO

(417) 246-5510

AGRI MAXX 475 is an awned variety with medium short height (84cm average), recurved/twisted flag leaf at boot stage, yellow-green plant color, yellow anthers and tan glumes at maturity. It has acceptable milling and baking qualities.

Quality Assurance Class

Andrews Farm & Seed

Carthage, MO

(417) 246-5510

AGRI MAXX 490 is an awned variety that averages 37" in height with very early maturity. It scores 8 for standability, 10 for double crop suitability, 8 for winter hardiness, 10 for test weight, 8 for septoria glume blotch resistance, 8 for leaf rust resistance, 6 for stripe rust resistance, 8 for head scab resistance, 8 for septoria leaf blotch resistance and 7 for powdery mildew resistance on a scale of 1-10 with 10 being excellent.

Quality Assurance Class

Weber Seeds

Marshall, MO

(660) 886-9998

AGRI MAXX 500 is an awnletted variety with medium-short height & ultra-early maturity that is well suited for double-cropping. It scores 5 for straw yield, 7 for test weight & lodging and 8 for winter hardiness. AgriMaxx 500 scores 7 for stripe rust & powdery mildew and 8 for leaf rust, Septoria leaf blotch, Septoria glume blotch & fusarium head blight (scab) on a scale of 1-10 with 10 being best.

Quality Assurance Class

Weber Seeds

Marshall, MO

(660) 886-9998

AGRI MAXX 503 is an awnletted variety with medium tall height. It has a medium early maturity, a dense head density, yellow anther color and the flag leaf at boot stage is erect and twisted.

Quality Assurance Class

Andrews Farm & Seed

Carthage, MO

(417) 246-5510

Weber Seeds

Marshall, MO

(660) 886-9998

AGRI MAXX 505 is an awned variety with medium-tall in height. It has a medium early maturity, head density is mid-dense, yellow anther color and the flag leaf at boot stage is erect and twisted.

Quality Assurance Class

Andrews Farm & Seed	Carthage, MO	(417) 246-5510
Weber Seeds	Marshall, MO	(660) 886-9998

AGRI MAXX 511 is a bearded variety with medium-short height & early maturity with low straw yield that make it ideal for double-cropping. It scores 10 for double-crop suitability, 9 for winter hardiness, head scab & stripe rust resistance, 8 for leaf rust & septoria leaf blotch resistance, 7 for test weight, lodging & septoria glume blotch resistance, 5 for powdery mildew resistance and 4 for straw yield on a scale of 1-10 with 10 being best.

Quality Assurance Class

Weber Seeds	Marshall, MO	(660) 886-9998
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AGRI MAXX 513 is an awned (bearded) variety with medium height & medium-early maturity that is well suited for double-cropping. It scores 8 for winter hardiness, straw yield & standability and 10 for test weight. AgriMaxx 513 scores 8 for leaf rust, stem rust, Septoria leaf blotch, Septoria glume blotch & powdery mildew and 9 for stripe rust & fusarium head blight (scab) on a scale of 1-10 with 10 being best.

Quality Assurance Class

Weber Seeds	Marshall, MO	(660) 886-9998
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AGRI MAXX 520 is a smooth head variety with medium-tall height & ultra-early maturity that is well suited for double-cropping. It scores 10 for double-crop suitability & test weight, 8 for straw yield & septoria glume blotch, 7 for winter hardiness, septoria leaf blotch & head scab resistance, 6 for lodging, leaf rust & powdery mildew resistance and 5 for stripe rust resistance on a scale of 1-10 with 10 being best.

Quality Assurance Class

Weber Seeds	Marshall, MO	(660) 886-9998
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ANNA is a medium maturity, apically awnletted, with medium-short height that has excellent test weight and winter hardiness. It has excellent resistance to leaf rust and powdery mildew and also has good resistance to stripe rust, glume blotch and Fusarium Head Blight (scab). Anna has excellent test weights, winter hardiness and standability and shows excellent stress tolerance.

Quality Assurance Class

Gremaud Ag & Resources	Perryville, MO	(573) 547-7214
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BESS is a white chaffed, apically awnletted variety with an average height of 38-40 inches and good straw strength. Bess is a moderately early maturing variety averaging 1-2 days later than Ernie, 1-2 days earlier than Roane and 5 days earlier than Truman. It has good resistance against *Fusarium* head blight (scab) and was one of only a few lines tested with low ratings in all 7 categories of resistance measured in the US Northern Winter Wheat Fusarium Head Blight Nursery. Bess is moderately resistant to stripe rust but is considered susceptible to both leaf rust and stem rust. It has intermediate field reaction to *Septoria* leaf blotch and is moderately resistant to soil-borne mosaic virus and moderately susceptible to wheat spindle streak virus and barley yellow dwarf virus. Bess is susceptible to all races of Hessian fly.

Foundation Class

Missouri Foundation Seeds	Columbia, MO	(573) 884-7333
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Certified Class

El-Par Seeds	Versailles, MO	(573) 378-4540
Ferguson Seed Farms	Glasgow, MO	(660) 338-5105
Strobel Seed	Concordia, MO	(660) 463-2895

BRANSON (1994 PVP Protected – Title V) is an awnletted, medium height semi-dwarf variety with good straw strength. It is moderately resistant to *Septoria* leaf blotch, stripe rust and powdery mildew. Branson has intermediate resistance to soil borne mosaic virus and leaf rust. It is primarily adapted to the northern soft wheat regions.

Certified Class

Stoddard County Seed & Feed	Dudley, MO	(573) 624-6666
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GROWPRO GP747 is an awned variety with medium-tall height, medium-late maturity and fair test weight. It scores 1 for stripe rust resistance, 3 for straw strength & soil virus complex resistance, 4 for septoria leaf blight & fusarium head blight resistance and 6 for leaf rust resistance on a scale of 1-9 with 1 being best.

Certified Class

Simplet Grower Solutions	Walnut Ridge, AR	(870) 573-6353
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K-2202SRW is an awned variety with medium-tall height, very early maturity and excellent test weight. K-2202SRW scores 9 for septoria glume blotch, 8 for leaf rust, stripe rust & powdery mildew, 7 for fusarium head blight (scab), septoria leaf blotch, wheat spindle streak mosaic virus & soil borne mosaic virus on a scale of 1-9 with 9 being best.

Quality Assurance Class

Krause Seeds	Concordia, MO	(660) 463-7333
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K-9102SRW is an awnletted variety with medium height, mid-season maturity and good test weight. K-9102SRW scores 6 for leaf rust, 7 for stem rust, septoria leaf blotch, barley yellow dwarf, powdery mildew, wheat spindle streak virus & soil borne mosaic virus and 9 for stripe rust on a scale of 1-9 with 9 being best.

Quality Assurance Class

Krause Seeds, Inc.	Concordia, MO	(660) 463-7333
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KINGRAZER is an awnletted, moderately tall variety with early maturity. It is moderately resistant to leaf rust, barley yellow dwarf virus, *Septoria tritici* and is moderately susceptible to soil borne mosaic virus, stripe rust and *Fusarium* head blight (scab). Kingrazer exhibits good winter hardiness, has good straw strength and good tillering capacity.

Quality Assurance Class

Andrews Farm & Seed	Carthage, MO	(417) 246-5510
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KSC 1180 is a smooth-head variety with medium-early maturity, average test weight and excellent standability that averages 34" in height. It scores average for fusarium head blight (scab) resistance and 1 for stripe rust, 2 for leaf rust and 2 for septoria on a scale of 1-9 with 1 being most resistant.

Quality Assurance Class

Kincaid Seed Company	Jasper, MO	(417) 394-3100
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LIBERTY 5658 (1994 PVP Protected Variety) is a semi-dwarf, awned variety with medium maturity that averages 30-36" in height. It has moderate to high levels of resistance to powdery mildew, leaf rust, stripe rust, stem rust, leaf blotch, glume blotch barley yellow dwarf, wheat spindle streak and fusarium head blight (head scab). Liberty 5658 is susceptible to Hessian fly biotypes B,C,D,O & L.

Certified Class

Kincaid Seed Company

Jasper, MO

(417) 394-3100

LVF 0938 is an awnletted variety with medium height. It has an ultra-early maturity and good standability. LVF 0938 is resistant to powdery mildew, leaf rust, glume blotch, and septoria tritici and has moderate resistance to stripe rust and soil-borne mosaic virus.

Quality Assurance Class

Lakeview Farms

Middletown, MO

(573) 549-2231

LVF 1542 is a bearded variety with medium maturity, very good test weight and excellent standability that averages 35" in height. It scores 1.0 for leaf rust, stripe rust and fusarium head blight (scab) resistance, 1.6 for *septoria tritici*, resistance and 2.5 for powdery mildew and glume blotch resistance on a scale of 1-9 with 1 being excellent.

Quality Assurance Class

Lakeview Farms

Middletown, MO

(573) 549-2231

LVF 1640 is a smooth-head variety with medium maturity, average test weight and excellent standability that averages 35" in height. It scores average for fusarium head blight (scab) resistance and 1 for stripe rust, 1 for leaf rust and 6 for septoria on a scale of 1-9 with 1 being most resistant.

Quality Assurance Class

Lakeview Farms

Middletown, MO

(573) 549-2231

MISSOURI PRIDE 7202 is an awnletted, moderately tall (5 inches taller than Ernie) variety with early maturity (1-2 days later than Ernie). It is moderately resistant to leaf rust, barley yellow dwarf virus, *Septoria tritici* and is moderately susceptible to soil borne mosaic virus, stripe rust and *Fusarium* head blight (scab). Missouri Pride 7202 exhibits good winter hardiness, stands well and has good tillering capacity.

Quality Assurance Class

Kinley Miller Farms

Pea Ridge, AR

(479) 451-1191

MOMENTUM 104 is a smooth head variety that averages 34" in height with ultra-early maturity, making it ideal for double-cropping. It scores 4.5 for standability, 4.8 for winter hardiness, 4.6 for test weight, 3.8 for barley yellow dwarf virus resistance, 4.2 for glume blotch resistance, 3.8 for leaf rust resistance, 3.8 for stripe rust resistance, 5.0 for *Fusarium* head blight (scab) resistance, 4.5 for *Septoria* leaf blotch resistance, 2.3 for soil borne mosaic virus resistance, 4.0 for wheat streak mosaic virus resistance and 2.5 for powdery mildew resistance on a scale of 1-5 with 5 being excellent.

Quality Assurance Class

Thompson & Son Seed Treating

Appleton City, MO

(660) 679-1041

MOMENTUM 106 is a broadly adapted, white-chaffed, awnless variety with early maturity (heads 1-2 days earlier than Ernie) and moderately short height with good standability. Its *Fusarium* head blight (scab) resistance level is good and the DON (deoxynivalenol) content is low. Momentum 106 has an intermediate reaction to *Septoria tritici* blotch and *Septoria* glume blotch as well as to black chaff or bacterial leaf streak, is susceptible to yellow rust and leaf rust and is moderately tolerant of acid soils.

Parent Class

Missouri Foundation Seeds	Columbia, MO	(573) 884-7333
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Quality Assurance Class

Chestnut Corner Farms	Sumner, MO	(559) 284-7669
El-Par Seeds	Versailles, MO	(573) 378-4540
Ken Tevis Seed	Hughesville, MO	(660) 460-0648

MOMENTUM 110 is a smooth head variety that averages 35” in height with early maturity, making it ideal for double-cropping. It has excellent standability, above average test weight and very good tolerance to fusarium head blight (scab). Momentum 110 scores 1 for leaf rust resistance, 1 for stripe rust resistance, and 4 for Septoria on a scale of 1-9 with 1 being excellent.

Parent Class

Missouri Foundation Seeds	Columbia, MO	(573) 884-7333
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Quality Assurance Class

Chestnut Corner Farms	Sumner, MO	(559) 284-7669
Davis Seed Farms	Vandalia, MO	(573) 594-3222
Ferguson Seed Farms	Glasgow, MO	(660) 338-5105
Ken Tevis Seed	Hughesville, MO	(660) 460-0648
Knipp Seed Company	Tipton, MO	(660) 473-6030
Thompson & Son Seed Treating	Appleton City, MO	(660) 679-1041

OAKES (1994 PVP Protected – Title V) is a medium height variety (same as Beretta) with mid-season maturity (2 days earlier than Beretta) that is adapted to most of the mid-south, delta and eastern soft red wheat areas. It is resistant/moderately resistant to prevalent field races of stripe rust and is moderately resistant/moderately susceptible to leaf rust races prevalent in the mid-south and southeastern U.S, wheat spindle streak virus, soil borne mosaic virus and *Septoria tritici* (leaf blotch). Oakes is moderately susceptible/susceptible to powdery mildew in the southeast and is susceptible to Hessian fly.

Certified Class

Stoddard County Seed & Feed	Dudley, MO	(573) 624-6666
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OLIVER is a smooth head variety that averages 37” in height and matures 2 days earlier than Branson and 8 days earlier than Truman. It scores 2.2 for standability, 1.9 for winter hardiness, 1.0 for test weight, 2.0 for barley yellow dwarf virus resistance, 1.5 for glume blotch resistance, 1.0 for stripe rust resistance, 2.5 for leaf rust resistance, 1.0 for *Fusarium* head blight (scab) resistance, 3.0 for *Septoria tritici* resistance, 2.0 for powdery mildew resistance, 2.3 for wheat spindle streak virus resistance and 2.8 for soil borne mosaic virus resistance on a scale of 1-5 with 1 being excellent and 5 being poor.

Quality Assurance Class

Gremaud Ag & Resources	Perryville, MO	(573) 547-7214
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ROANE is a full season, high yielding, awnletted variety with exceptionally high test weight and resistance or tolerance to a broad spectrum of plant pathogens and insect pests. It is approximately 1” taller than Coker 9803 and 1” shorter than FFR 555W. Straw strength is similar to FFR 555W and superior to Jackson. Winter hardiness is similar to Madison and superior to Jackson. Roane has some resistance to barley yellow dwarf virus and is resistant to the prevalent races of leaf rust. It lacks any known genetic resistance to stem rust. Roane expresses an intermediate level of resistance to soil borne mosaic virus, wheat spindle streak virus and leaf/glume blotch. It possesses moderate tolerance to head scab and is resistant to biotypes B, C, E and GP of Hessian fly.

Foundation Class

Missouri Foundation Seeds	Columbia, MO	(573) 884-7333
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Certified Class

Ferguson Seed Farms	Glasgow, MO	(660) 338-5105
Strobel Seed	Concordia, MO	(660) 463-2895
Ken Tevis Seed	Hughesville, MO	(660) 460-0648

SY RICHIE (1994 PVP Protected – Title V) is an awnletted variety and is medium in height. It has a mid-season maturity, yellow anther color and flag leaf at boot stage is recurved and twisted. SY Richie has shown resistance to current races of powdery mildew, stripe rust and leaf rust and is considered susceptible to Hessian fly.

Registered/Certified Class

Kincaid Seed Company	Jasper, MO	(417) 394-3100
Stratton Seed Company	Anniston, MO	(573) 649-3520

SY VIPER (1994 PVP Protected – Title V) is a medium maturity variety that averages 39” in height found to be adapted to southeastern MO, eastern AR, western TN and KY, the ‘Delta’ region of MS, north LA, eastern NC and northeastern SC. It has shown moderate resistance to current races of powdery mildew and moderate susceptibility to leaf rust in the area of adaptation and is susceptible to several current races of powdery mildew.

Registered & Certified Class

Dorroh Seed & Supply	Hayti, MO	(573) 359-2222
Stoddard County Seed & Feed	Dudley, MO	(573) 624-6666
Tanner Seed Company	Bernie, MO	(573) 276-2286

TRUMAN (1994 PVP Protected – Title V) is an apically awnletted variety with moderately tall plant height and full season maturity (comparable to Cardinal and 3-4 days later than Roane). It has good winter hardiness and is moderately tolerant of acid soils. Truman has a high level of broad-based resistance to *Fusarium* head blight (scab). It is resistant to stripe rust and has above average resistance to *Septoria* leaf blotch. Truman is moderately resistant to soil borne mosaic virus and moderately susceptible to barley yellow dwarf virus. It is susceptible to leaf rust, stem rust and all biotypes of Hessian fly.

Foundation Class

Missouri Foundation Seeds	Columbia, MO	(573) 884-7333
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Certified Class

Andrews Farm & Seed	Carthage, MO	(417) 246-5510
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WB2606 is a medium-late maturity variety that has very good standability & winter hardiness and excellent test weight. WB2606 scores 5 for leaf rust, 4 for powdery mildew, 3 for stripe rust and 3 for fusarium head blight (scab) on a scale of 1-9 with 1 being best.

Certified Class

Danny Ball Farms

Jasper, MO

(417) 437-0263

XL 210 is an awnletted variety and medium in height. It has an ultra-early maturity and good standability. XL210 is resistant to powdery mildew, leaf rust, glume blotch, and septoria tritici. It has moderate resistance to stripe rust and soil-borne mosaic virus.

Quality Assurance Class

Service & Supply CO-OP

Bellflower, MO

(573) 835-2485

XL 222 is an early maturing variety that averages 39” in height with good standability. It has strong resistance to fusarium head blight (scab), common and stripe leaf rust and very good tolerance to *Septoria tritici*. XL 222 is moderately susceptible to powdery mildew and soil borne mosaic.

Quality Assurance Class

Service & Supply CO-OP

Bellflower, MO

(573) 835-2485

XL 297 is a medium maturity, tip-awned (awnletted) variety that averages 36” in height with excellent standability and high test weight. It scores 4 for barley yellow dwarf virus resistance, 2 for leaf rust resistance, 1 for stripe rust resistance, 4 for *Fusarium* head blight (scab) resistance, 1 for *Septoria* leaf blotch resistance and 2 for powdery mildew resistance on a scale of 1-9 with 1 being most resistant.

Quality Assurance Class

Service & Supply CO-OP

Bellflower, MO

(573) 835-2485

XL 332 is an awnless variety with medium height that has a wide adaption to soil and geography and responds well to a high management program. It scores 1 for leaf rust resistance, 2 for standability, test weight, winterhardiness, stripe rust, powdery mildew & septoria resistance and 3 for fusarium head blight (scab) resistance on a scale of 1-5 with 1 being excellent.

Quality Assurance Class

Service & Supply CO-OP

Bellflower, MO

(573) 835-2485

TRITICALE

641512175 (SURGE) (1994 PVP Protected) is an awnless facultative variety with medium winter hardiness, tall plant height and very late maturity. It has respectable late boot stage silage yield and excellent pre-dough forage quality.

Certified Class

Parsons Seed Cleaning

Albany, MO

(660) 726-3774

Stratton Seed Company

Anniston, MO

(573) 649-3520

103rd Annual Meeting
of the
Missouri Crop Improvement Association



To Be Held At

Missouri Crop Improvement Association
3211 Lemone Industrial Blvd
Columbia, MO 65201

August 1, 2022
Columbia, MO

Annual Membership Meeting to begin at 12:00 p.m.

Members are invited to attend the annual meeting but should be aware that due to lack of attendance in previous years, there are no presentations scheduled and no luncheon is planned. It is expected that the annual meeting will be brief in nature and the main item for consideration will be election of the Board of Directors for the coming year. In order to make sure a quorum of members are represented at the annual meeting, either in person or by proxy, proxy designation forms will be sent to all active and affiliate members approximately one month prior to the meeting.

Please contact the MCIA office or any member of the Board of Directors if you have any questions or issues you would like to be addressed at the 2022 meeting.