

# 2017 SPRING MISSOURI SEED DIRECTORY



**For Spring Seeded Crops**

**Soybeans**

**Spring Oats**

**Rice**

**Warm Season Grasses**

**Native Grasses & Forbs**

**Vegetatively Propagated Turf Grass**

**THE 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](mailto:moseed@aol.com)**

**Internet: [www.mocrop.org](http://www.mocrop.org)**

# TABLE OF CONTENTS

Foreword	1
Officers, Directors and Staff	1
Purpose of Seed Certification	1
Authority	2
Eligibility Requirements	2
Production	2
Inspection	2
Labeling	2
Protected Variety Listing	3
Quality Assurance Program	3
Source Identified Program	3
2017 Spring Producers Listing	4
Conventional Soybeans	7
Maturity Group III	7
Maturity Group IV	8
Maturity Group V	10
Glyphosate Tolerant Soybeans	12
Maturity Group III	12
Maturity Group IV	13
Maturity Group V	16
Glufosinate Tolerant Soybeans	17
Maturity Group III	17
Maturity Group IV	18
Spring Oats	20
Rice	21
Vegetatively Propagated Turf Grass	23
Warm Season and Native Grasses & Forbs	24

## 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 cleaned 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.

### 2017 Officers and Staff Missouri Crop Improvement Association

President .....	Rennie Davis, Vandalia
Vice President .....	E. L. Reed, Chillicothe
Director .....	Bruce Strobel, Concordia
Director .....	Brian Anderson, Columbia
Director .....	Lynn Andrews, Carthage
Director .....	Dan Weber, Marshall
Director .....	Kevin Mainord, East Prairie
Director .....	Gene Rowland, Dudley
Director .....	Eddie Hoff, Boonville
Executive Director .....	Richard Arnett, Columbia
Assistant Director/Field Services Manager .....	Mark Quisenberry, Columbia
Laboratory Services Manager .....	Trent Hall, RST, Columbia
Laboratory Assistant .....	Robin Crane, 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 unless it is produced under re-certification provisions.

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 Certified 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
2. Is recommended by the National Crop Variety Review Board
3. Is approved by the Plant Variety Protection Office
4. Has been accepted for certification by any member agency of AOSCA
5. 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 Missouri producers and seedsmen 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 and mechanical (germination, pure seed, etc...) purity 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.

The purpose of this booklet is to provide producers and seedsmen with a convenient reference of the sources of Certified 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.moseed.org

## Protected Varieties Certified in Missouri

The following list contains varieties applied for certification 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 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  
<http://www.ars-grin.gov/cgi-bin/npgs/html/pvplist.pl?>

### Soybean

Glenn

### Rice

CL151

CL153

CL163

CL172

CL272

Diamond

Jazzman

LaKast

Roy J

Sixty-Seven

### Spring Oats

Goliath

Saber

Shelby 427

Reins

## Quality Assurance Program

MCIA's Quality Assurance® (QA) program is offered to seed producers desiring unbiased, third-party inspection and testing program quality control services for branded seed products that do not meet eligibility requirements for certification. The QA program mirrors the traditional certification program in all aspects of field inspection and laboratory testing. Please contact the MCIA office for more details on the QA program or any seed products carrying MCIA's QA label.

## Source Identified Program

MCIA's Source Identified program is available for indigenous or non-indigenous trees, shrubs, vines and herbaceous plants such as grasses and forbs, including wildflowers. This program assures the proper identity and purity of native and naturalized plants that are needed to re-vegetate, restore, improve or stabilize wildland plant communities. The standards are designed to:

1. Verify the genus, species and ecotype characteristics of the original source plants.
2. Track the genetic status and properly label these germplasm accessions whether marketed as original wildland collections or as a product of field seed increase through one or more generations.

## Alphabetical Listing of Producers

### **Belt Seed Company**

Jim Belt  
10 East Middle Street  
Leonard, MO 63451  
(660) 762-4279

### **Chestnut Corner Farms, LLC**

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

### **Davis Seed Farms, Inc.**

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

### **Dorroh Seed & Supply**

Lawrence Dorroh  
2501 Hwy. 84 East  
Hayti, MO 63851  
(573) 359-2261

### **El-Par Seeds**

Jim Elliott  
18254 Providence Road  
Versailles, MO 65084-4437  
(573) 378-4540

### **Ferguson Seed Farms**

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

### **Frontier Seed Company, LLC**

Ben Lange  
540 E Young St – STE A – PMB 255  
Warrensburg, MO 64093  
(660) 422-1177

### **GFG Agri Products**

Chris Hoffman  
915 Shanklin Ave  
Trenton, MO 64683  
(660) 359-2258

### **Greenfield Turf Farms**

Gary Michie  
PO Box 138  
Gordonville, MO 63752  
(573) 450-4058

### **Cane Creek Sod**

Chris Williams  
375 Hibiscus Lane  
Poplar Bluff, MO 63901  
(573) 776-1886

### **Clemens Farms**

Jim & Ray Clemens  
11598 Hwy. K  
Norborne, MO 64668  
(816) 719-9975

### **Double D Seeds**

Larry Douglas  
PO Box 25  
Hallsville, MO 65255  
(573) 696-2507

### **Ben Duffield**

17 Dry Creek Road  
Tuscumbia, MO 65082  
(573) 369-3299

### **Erwin-Keith, Inc.**

Will McDaniel  
1529 Hwy 193  
Wynne, AR 72396  
(870) 238-2079

### **Foster Elevator Company**

John Laughlin  
101 Main  
Foster, MO 64745  
(660) 832-4800

### **Gemeinhardt Seeds, Inc.**

Kevin Mainord  
200 W Russell  
Anniston, MO 63820  
(573) 649-3520

### **Grace Native Seed**

Jim & Betty Grace  
5790 Hwy J  
Albany, MO 64402  
(660) 726-5884

### **Green Valley Seed**

Jamie Harmon  
121 College  
Kahoka, MO 63445  
(660) 727-3341

**Hamilton Native Outpost**

Amy Hamilton  
16786 Brown Road  
Elk Creek, MO 65464  
(417) 967-2190

**K&M Grain Farm, Inc.**

Mark Burnett  
1965 SE Bonanza  
Kingston, MO 64650  
(816) 586-4921

**Kincaid Seed Company, LLC**

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

**Krause Seeds, Inc.**

Steve Krause  
P.O. Box 688  
Concordia, MO 64020  
(660) 463-7333

**William E. Metzgar**

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

**Missouri Native Seed**

George Seek  
32175 Hwy. W  
Meadville, MO 64659  
(660) 938-4646

**Fred Moxley Seeds, LLC**

Robert Bledsoe  
3888 N. Hwy. N  
Charleston, MO 63834  
(573) 683-0075

**Petersburg Seed Company, LLC**

Doug Weekley  
4006 State Road J  
Franklin, MO 65250  
(660) 621-1167

**Pure Air Natives, Inc.**

Jennifer Eggemeyer  
2205 Ebert Lane  
Wentzville, MO 63385  
(636) 357-6433

**John Stephens Farms**

John Stephens  
23759 County Road 766  
Parma, MO 63870  
(573) 624-5999

**Gregory Harris**

541 SE 6<sup>th</sup> Road  
Golden City, MO 64748  
(417) 5537-4378

**Ken-Mo Agriculture Center, Inc.**

John Gamble  
805 Homecrest  
Kennett, MO 63857-0653  
(573) 888-5933

**Dale Kinneman**

2384 Highway H  
Fredericktown, MO 63645  
(573) 783-3070

**Lay Seed Farms, LLC**

Robert Lay  
Rt. 2 Box 52  
LaBelle, MO 63447  
(660) 462-3943

**Missouri Foundation Seeds**

Rick Hofen  
3600 New Haven Road  
Columbia, MO 65201  
(573) 884-7333

**Missouri Wildflowers Nursery**

Merv Wallace  
9814 Pleasant Hill Road  
Jefferson City, MO 65109  
(573) 496-3492

**Paul Parsons**

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

**Pure Air Native Seed Company**

Frank Oberle  
24882 Prairie Grove Trail  
Novinger, MO 63559  
(660) 488-6849

**Sheldon Seed Company**

Roy Cunningham  
8<sup>th</sup> & Commercial  
Sheldon, MO 64784  
(417) 884-2711

**Stoddard County Seed Service**

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

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

**Ken Tevis Seed, Inc.**  
Ken Tevis  
19588 Tevis Road  
Hughesville, MO 65334  
(660) 460-0648

**USDA/NRCS Plant Materials Center**  
Ron Cordsiemon  
2803 N. Hwy. 79  
Elsberry, MO 63343  
(573) 898-2012

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

**Tanner Seed, LLC**  
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

**W&S, LLC**  
Robert Warren  
P.O. Box 678  
Chillicothe, MO 64601  
(573) 999-6198

**Ken White**  
2880 Hwy. H  
Silex, MO 63377  
(573) 384-6123



## CONVENTIONAL SOYBEANS

### MATURITY GROUP III

**AGVENTURE 39EO** is late group III indeterminate variety (RM 3.9) with tawny pubescence, brown pods and black hila seed.

Quality Assurance Class

Paul Parsons Albany, MO (660) 726-3774

**MOMENTUM 36C06** is a tall mid-group III indeterminate variety (RM 3.6) with purple flowers, tawny pubescence, brown pods and black hila seed that average approximately 3,400 seeds/lb. It is resistant to race 3 and moderately resistant to race 14 of soybean cyst nematode and has a 1.5 rating for sudden death syndrome (SDS).

Parent Seed Class

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

**MOMENTUM 38C05** is a late group III indeterminate variety (RM 3.8) that averages 37” in height with a medium bush plant type. It has white flowers, gray pubescence and buff hila seed that averages 2,700 seeds per pound. Momentum 38C05 has HG 2.5.7 soybean cyst nematode resistance (PI 437654 type), resistance to root-knot nematode and is moderately resistant to sudden death syndrome (SDS).

Parent Seed Class

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

Quality Assurance Class

Chestnut Corner Farms, LLC Sumner, MO (559) 284-7669  
Davis Seed Farms Vandalia, MO (573) 594-3222  
William E. Metzgar Mound City, MO (660) 442-3964

**SS-C-397N** is a late group III variety (RM = 3.9) with purple flowers, light tawny pubescence, brown pods and brown hila seed that average 3,200 seeds/lb. It is a medium to medium-short variety with good branching that scores 1.6 for SCN resistance, 1.8 for SDS resistance, 1.7 for phytophthora root rot field tolerance (Rps1c gene).

Quality Assurance Class

Krause Seeds, Inc. Concordia, MO (660) 463-7333

**WILLIAMS 82** is a late group III indeterminate variety (RM 3.9) that averages 40” in height. It has white flowers, brown pubescence, tan pods and yellow seed with shiny luster and black hila. Williams 82 is resistant to bacterial pustule and Races 1-9, 10,13,14 and 15 of phytophthora root rot

Foundation Class

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

Certified Class

Thompson & Son Seed Treating Appleton City, MO (660) 679-1041

## **MATURITY GROUP IV**

**DELLOY 4710** is a late group IV indeterminate variety (RM 4.7) that averages 48” in height. It has purple flowers, tawny pubescence, tan pods and black hila seeds. Delsoy 4710 is resistant to races 3 and 14 of soybean cyst nematode.

### Certified Class

Sheldon Seed Company	Sheldon, MO	(417) 884-2711
----------------------	-------------	----------------

**MINGO** is a late group IV determinate variety (RM 4.9) that averages 24” in height and rates 1.2 for emergence, 1.6 for lodging on a scale of 1-5 with 1 being best. It has grey pubescence, white flowers, tan pods and black hilum seed that average approximately 3,600 seeds per pound. Mingo is moderately resistant to races 1,2,3,5 & 14 of soybean cyst nematode (SCN), sudden death syndrome (SDS) and stem canker while exhibiting resistance to reniform nematode.

### Quality Assurance Class

Stoddard County Seed Service	Dudley, MO	(573) 524-6666
------------------------------	------------	----------------

**MO4301M CONV** is an early to mid-group IV indeterminate variety (RM 4.3) that averages 33” in height with purple flowers, gray pubescence tan pods and buff hila seed. It is rated resistant as resistant to sudden death syndrome (SDS) and has shown field tolerance to phytophthora root rot.

### Foundation Class

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

### Certified Class

William E. Metzgar	Mound City, MO	(660) 442-3964
Stoddard County Seed Service	Dudley, MO	(573) 524-6666

**MPV 4238N** is an early to mid-group IV indeterminate variety (RM 4.3) that averages 39” in height with white flowers, tawny pubescence and black hila seed. MPV 4238N is rated resistant to races 3 and 14 of soybean cyst nematode (SCN) and moderately susceptible to sudden death syndrome (SDS). MPV 4238N has demonstrated significant yield advantages over the variety Maverick in both infested and non-infested SCN environments in replicated performance testing.

### Parent Seed

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

### Quality Assurance Class

Chestnut Corner Farms, LLC	Sumner, MO	(559) 284-7669
Clemens Farm	Norborne, MO	(816) 719-9975
Davis Seed Farms, Inc.	Vandalia, MO	(573) 594-3222
El-Par Seeds	Versailles, MO	(573) 378-4540
Ken Tevis Seed, Inc.	Hughesville, MO	(660) 460-0648
Strobel Seed	Concordia, MO	(660) 463-2895

**MPV 4400N** is a mid-group IV variety (RM 4.5) with purple flowers, tawny pubescence & black hilum seed that averages 38" in height. It is resistant to SCN HG type 0 and has good scores for SDS tolerance.

Parent Seed

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

Quality Assurance Class

William E. Metzgar	Mound City, MO	(660) 442-3964
Stoddard County Seed Service	Dudley, MO	(573) 624-6666

**SS-C-483** is a late group IV variety (RM = 4.8) with light tawny pubescence, tan pod and black hila seed.

Quality Assurance Class

Stoddard County Seed Service	Dudley, MO	(573) 524-6666
------------------------------	------------	----------------

**SS-C-484STS** is a late group IV variety (RM = 4.8) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Krause Seeds, Inc.	Concordia, MO	(660) 463-7333
--------------------	---------------	----------------

**STODDARD** is a late group IV determinate variety (RM 4.9) that averages 28" in height. It has white flowers, tawny pubescence, tan pods and black hila seed. Stoddard has shown moderate resistance to races 1, 2, 3, 5 and 14 of soybean cyst nematode and has also exhibited moderate resistance to root knot nematode. It is moderately resistant to sudden death syndrome (SDS) and stem canker and is moderately susceptible to phytophthora root rot. Yields of Stoddard have been superior to Manokin by an average of 3-6 bu/ac on loam, clay and sandy soils in replicated testing.

Foundation Class

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

Certified Class

Kincaid Seed Company, LLC	Jasper, MO	(417) 394-3100
Fred Moxley Seeds, LLC	Charleston, MO	(573) 683-0075
Thompson Seed Cleaning	Appleton City, MO	(660) 679-1041

## MATURITY GROUP V

**CRUTCHFIELD** is an early group V determinate variety (RM 5.1) with white flowers, tan pods, tawny pubescence and black hila seed. It averages 30” in height and approximately 3,200 seeds per pound and rates 1.2 for emergence and 2.3 for lodging on a scale of 1-5 with 1 being best. Crutchfield is moderately resistant to races 1,2,3,5 & 14 of soybean cyst nematode (SCN), sudden death syndrome (SDS), stem canker, root knot nematode and reniform nematode, while exhibiting resistance to frogeye leaf spot.

### Quality Assurance Class

Ken-Mo Agriculture Center                      Kennett, MO                      (573) 888-5933

**DUDLEY** is an early group V determinate variety (RM 5.1) that averages 30” in height. It has white flowers, tan pods, tawny pubescence and black hila seed that averages approximately 3,200 seeds per pound. Dudley is moderately resistant to races 1,2,3,5 & 14 of soybean cyst nematode (SCN), sudden death syndrome (SDS), stem canker, root knot nematode and reniform nematode, while exhibiting resistance to frogeye leaf spot. It rates 1.2 for emergence and 2.3 for lodging on a scale of 1-5 with 1 being best.

### Quality Assurance Class

Stoddard County Seed Service                      Dudley, MO                      (573) 524-6666

**GLENN** (Protected Variety) is a mid-group V determinate variety (RM 5.5) with medium height, semi-bushy plant height and good lodging resistance. It has white flowers, tawny pubescence and black hila seed. Glenn is resistant to stem canker & soybean mosaic virus and moderately resistance to frogeye leaf spot and sudden death syndrome.

### Foundation Class

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

### Certified Class

Fred Moxley Seeds, LLC                      Charleston, MO                      (573) 683-0075  
Stoddard County Seed Service                      Dudley, MO                      (573) 524-6666

**JAKE** is a mid-group V determinate variety (RM 5.4) that averages 32” in height. It has purple flowers, tawny pubescence, tan pods and black hila seed. Jake has shown resistance to races 1, 2, 3, 5 and 14 of soybean cyst nematode, is resistant to reniform nematode and has shown moderate resistance to root knot nematode. It is moderately resistant to sudden death syndrome (SDS) and stem canker and is susceptible to phytophthora root rot. Yields of Jake have equaled Anand on loam soils, but have averaged approximately 7 bu/ac more on clay and sand in Missouri tests. Jake has been superior in yield compared to Anand in Mississippi, Arkansas and Tennessee State AES trials.

### Foundation Class

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

### Certified Class

Fred Moxley Seeds, LLC                      Charleston, MO                      (573) 683-0075  
Stoddard County Seed Service                      Dudley, MO                      (573) 624-6666

**GSG 5216** is an early group V (RM=5.2) determinate variety that averages 30” in height with white flowers, tawny pubescence, tan pods and black hila seed that average ~ 3,000 seeds per pound. It is resistant to soybean cyst nematode Races 1,2,3,5 & 14, root knot nematode, stem canker, reniform nematode & frogeye leaf spot. GSG 5216 is moderately resistant to sudden death syndrome (SDS) and possesses a chloride excluder for salt tolerance.

Quality Assurance Class

Gemeinhardt Seeds, Inc. East Prairie, MO (573) 649-3520

**KSC 5206** is a 5.2 maturity variety with a determinate growth habit. It has purple flowers, tawny pubescence, tan pods and black hila seed and averages approximately 30” in height. KSC 5206 has SCN resistance for race 1,2,3,5 & 14 as well as frogeye leaf spot, reniform nematode, root knot nematode and stem canker. It is considered field tolerant to phytophthora root rot and moderately resistant to SDS.

Quality Assurance Class

Kincaid Seed Company Jasper, MO (417) 394-3100

**MOMENTUM 52C06** is an early group V determinate variety (RM 5.2) that is considered short in height (30”). It has purple flowers, tawny pubescence, tan pods and black hila seed averaging approximately 2,900 seeds/lb. It is resistant to SCN races 1,2,3,5 & 14, and moderately resistant to SDS. In addition to broad SCN resistance, Momentum 52C06 is resistant to root knot nematode, reniform nematode, frogeye leaf spot and stem canker. It has a chloride excluder that provides salt tolerance and also field tolerance to phytophthora root rot.

Parent Seed Class

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

Quality Assurance Class

Fred Moxley Seeds, LLC Charleston, MO (573) 683-0075  
Stoddard County Seed Service Dudley, MO (573) 624-6666

**NOBLE** is a group 5 (rm=5.2) determinate variety that has purple flowers, tan pods, tawny pubescence and black hila seed. It averages 30” in height and approximately 3,000 seeds per pound. Noble is resistant to races 1,2,3,5 & 14 of soybean cyst nematode (SCN), moderately resistant to sudden death syndrome (SDS), resistant to stem canker, root knot nematode, reniform nematode and frogeye leaf spot, had field tolerance to PRR (phytophthora) and is considered salt tolerant due to a chloride excluder.

Quality Assurance Class

Ken-Mo Agriculture Center Kennett, MO (573) 888-5933

**SS-C-514STS** is an early group V (RM 5.1) with gray pubescence, brown pods and buff hila seed that exhibits tolerance to sulfonylurea herbicides.

Quality Assurance Class

Stoddard County Seed Service Dudley, MO (573) 524-6666

**SS-C-523** is an early group V (RM 5.2) with tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

**GLYPHOSATE TOLERANT SOYBEANS**

**MATURITY GROUP III**

**KS 3406GR** is a mid-group III (RM=3.4) indeterminate variety with purple flowers, tawny pubescence, brown pods and brown hila seed that is susceptible to soybean cyst nematode.

Quality Assurance Class

Gregory Harris

Golden City, MO

(417) 537-4378

**SS-3816N GTS** is a late group III (RM=3.8) intermediate bush type variety that averages 36" in height with white flowers, light tawny pubescence and black hila seed. It has the Rps1K gene for phytohpthora resistance and scores 1.1 for emergence, 1.5 for lodging and 1.0 for shattering, 1.8 for white mold, 1.9 for SDS, 1.5 for SCN and 2.1 for frogeye on a scale of 1-5 with 1 being best.

Quality Assurance Class

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

**SS-3914N GTS** is a late group III (RM=3.8) indeterminate variety that averages 37" in height with purple flowers, light tawny pubescence and black hila seed that average 3,600 seeds per pound. It scores 2.3 for lodging on a scale of 1-5 with 1 being best, has field tolerance to phytophthora root rot, is resistant to stem canker, is moderately resistant to soybean cyst nematode Race 3, root knot nematode & sudden death syndrome and is susceptible to frogeye leaf spot.

Quality Assurance Class

Strobel Seed

Concordia, MO

(660) 463-2895



**MO4901D GT** is a short late group IV semi determinate variety (RM 4.9) that averages 31” in height. It has purple flowers, tawny pubescence, tan pods and black hila seed that average 3,180 seeds/lb. MO4901D GT has moderate resistance to SCN (soybean cyst nematode) races 1,2,3,5 & 14 and SDS (sudden death syndrome). It has field tolerance to phytophthora root rot, moderate resistance to root knot nematode and resistance to stem canker, frog-eye leaf spot and reniform nematode while containing a chloride excluder for salt tolerance.

Foundation Class

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

Certified Class

Dale Kinneman	Fredericktown, MO	(573) 783-3070
Foster Elevator Company	Foster, MO	(660) 832-4800
Kincaid Seed Company, LLC	Jasper, MO	(417) 394-3100

**MOMENTUM 49G06** is a late group IV semi determinate variety (RM 4.9) that averages 33” in height. It has purple flowers, tawny pubescence, tan pods and black hila seed that average 3,200 seeds/lb. Momentum 49G06 has moderate resistance to SCN races 1,2,3,5 & 14 and SDS. It has field tolerance to phytophthora root rot, moderate resistance to root knot nematode and resistance to stem canker, frog-eye leaf spot and reniform nematode while containing a chloride excluder for salt tolerance.

Parent Seed Class

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

Quality Assurance Class

Double D Seeds	Hallsville, MO	(573) 696-2507
Dorroh Seed & Supply Co.	Hayti, MO	(573) 359-2222
Frontier Seeds	Warrensburg, MO	(660) 422-1177
Strobel Seed	Concordia, MO	(660) 463-2895
Thompson & Son Seed Treating	Appleton City, MO	(660) 679-1041
Weber Seeds, Inc.	Marshall, MO	(660) 886-9998

**MPV 457NG** is a mid group IV indeterminate variety (relative maturity 4.6) that averages 35” in height. It has white flowers, tawny pubescence, brown pods and black hila seed. MPV 457NG is resistant to race 3 and moderately resistant to race 14 of soybean cyst nematode and also has the Rps1k gene for resistance to Phytophthora Root Rot.

Parent Seed Class

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

Quality Assurance Class

Ken Tevis Seed, Inc.	Hughesville, MO	(660) 460-0648
Strobel Seed	Concordia, MO	(660) 463-2895

**SS-4114N GTS** is an early group IV variety (RM=4.1) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Krause Seeds, Inc.	Concordia, MO	(660) 463-7333
--------------------	---------------	----------------



**SS-4214N GTS** is an early group IV variety (RM=4.2) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Ferguson Seed Farms

Glasgow, MO

(660) 338-5105

**SS-4514NSTS GTS** is a mid-group IV variety (RM=4.5) with light tawny pubescence, tan pods and black hila seed. It exhibits tolerance to sulfonylurea herbicides.

Quality Assurance Class

Ken Tevis Seed

Hughesville, MO

(660) 460-0648

**SS-4614N GTS** is a mid-group IV variety (RM=4.6) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Stobel Seed

Concordia, MO

(660) 463-2895

**SS-4714N GTS** is a late group IV variety (RM=4.7) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

El-Par Seeds

Versailles, MO

(573) 378-4540

Ken Tevis Seed

Hughesville, MO

(660) 460-0648

**SS-4716N GTS/STS** is a bush type mid-late group IV variety (RM=4.7) that averages 33' in height with white/purple flowers, light tawny pubescence, tan pods and black hila seed that average 2,800 seeds/lb. It scores 1.9 for phytophthora root rot, 1.5 for SCN, 1.7 for SDS, 1.3 for stem canker and 1.5 for frogeye leaf spot on a scale of 1-5 with 1 being best. SS-4716N GTS/STS is tolerant to both glyphosate and sulfonylurea herbicides.

Quality Assurance Class

Ken Tevis Seed

Hughesville, MO

(660) 460-0648

**SS-4814N GTS** is a late group IV variety (RM=4.8) with light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Krause Seeds

Concordia, MO

(660) 463-7333

## MATURITY GROUP V

**FRONTIER 51GT02** is an indeterminate variety with early group 5 maturity (5.1) that averages 35” tall and 3,200 seeds per pound. It has purple flowers, tawny pubescence, tan pods and black hila seed. Frontier 51GT02 is moderately resistant to soybean cyst nematode (SCN) races 1,2,3,5 & 14, sudden death syndrome (SDS) and root knot nematode. It has field tolerance for phytophthora root rot and is resistant to stem canker & reniform nematode and susceptible to frogeye leaf spot.

Quality Assurance Class

Frontier Seeds

Warrensburg, MO

(660) 422-1177

**GSG 5116GT** is an early group V (RM=5.1) indeterminate variety that averages 35” in height with purple flowers, tawny pubescence, tan pods and black hila seed that average 3,200 seeds per pound. It has field tolerance to phytophthora and moderate resistance to soybean cyst nematode (SCN) races 1,2,3,5 & 14, sudden death syndrome (SDS) and root knot nematode. It is resistant to reniform nematode and stem canker, is susceptible to frogeye and has a chloride excluder for salt tolerance.

Quality Assurance Class

Gemeinhardt Seeds

Anniston, MO

(573) 649-3520

**GSG 5214** is an early group V (RM=5.2) indeterminate variety that averages 35” in height with purple flowers, tawny pubescence, tan pods and black hila seed that average 3,400 seeds per pound. It scores 3.0 for lodging on a scale of 1-5 with 1 being best, has field tolerance to phytophthora root rot, is resistant to soybean cyst nematode races 1,2,3,5 & 14 and reniform nematode, is moderately resistant to root knot nematode, stem canker, frogeye leaf spot and sudden death syndrome.

Quality Assurance Class

Gemeinhardt Seeds

Anniston, MO

(573) 649-3520

**MOMENTUM 51G06** is an early group V indeterminate variety (RM 5.1) that averages 35” in height. It has purple flowers, tawny pubescence, tan pods and black hila seed that average 3,225 seeds/lb. Momentum 51G05 has field tolerance for phytophthora and moderate resistance to soybean cyst nematode (SCN) races 1,2,3,5 & 14, sudden death syndrome (SDS) and root knot nematode. It is resistant to stem canker & reniform nematode and susceptible to frogeye leaf spot.

Parent Seed Class

Missouri Foundation Seeds

Columbia, MO

(573) 884-7333

Quality Assurance Class

Foster Elevator Company

Foster, MO

(660) 832-4800

**UA 5414** (U.S. Utility Patent Applied For) is a mid-group V (RM=5.4) determinate variety that averages 34” in height with white flowers, gray pubescence, tan pods and buff hila seed. It is moderately susceptible to stem canker and is susceptible to soybean cyst nematode races 2, 3 & 5.

Certified Class

Gregory Harris

Golden City, MO

(417) 537-4378

## GLUFOSINATE TOLERANT SOYBEANS (LIBERTY LINK®)

### MATURITY GROUP III

**BG 38L14N** is a late group III (RM=3.8) variety with medium height, semi-bush plant type, white flowers, light tawny pubescence, tan pods and black hila. It has moderate resistance to soybean cyst nematode races 3 & 14 and scores 8.5 for emergence & standability, 8.0 for stress tolerance, 8.5 for SDS tolerance, 8.5 for frogeye leaf spot resistance, 7.5 for iron chlorosis tolerance, 7.5 for white mold resistance and 8.0 for phytophthora root rot tolerance on a scale of 1-9 with 1 being the lowest possible and 9 being the highest possible.

Quality Assurance Class

K& M Grain Farm

Kingston, MO

(816) 586-4921

**SS-10L.39N** is a late group III variety (RM 3.9) that averages 38" in height with a bushy plant type. It has white flowers, light tawny pubescence, brown pods and black hila seed that averages 2,900 seeds/lb. SS-10L.39N scores 1.0 for emergence, 1.7 for lodging, 1.0 for shattering, 1.9 for SDS and 1.5 for SCN on a scale of 1-5 with 1 being best.

Quality Assurance Class

Ferguson Seed Farms

Glasgow, MO

(660) 338-5105

**SS-14L.38N** is a late group III variety (RM 3.8) that has white flowers, light tawny pubescence, tan pods and black hila seed.

Quality Assurance Class

Belt Seed Company

Leonard, MO

(660) 762-4279

Ferguson Seed Farms

Glasgow, MO

(660) 338-5105

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

Lay Seed Farms, LLC

LaBelle, MO

(660) 462-3943

**SS-16L.37N** is a late group III variety (RM 3.7) that averages 33" in height with an intermediate bush plant type. It has purple flowers, gray pubescence, brown pods and imperfect black hila seed that average 2,700 seeds/lb. SS-16L.37N scores 1.0 for emergence, 1.8 for lodging, 1.0 for shattering, 2.4 for iron deficiency chlorosis, 1.7 for phytophthora root rot, 1.8 for brown stem rot, 2.0 for white mold, 1.7 for SDS, 1.5 for SCN, 1.8 for frogeye leaf spot, 2.1 for stem canker and 1.5 for charcoal rot on a scale of 1-5 with 1 being best.

Quality Assurance Class

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

## **MATURITY GROUP IV**

**SS-13L.42N** is an early group IV (RM 4.2) variety that averages 39” in height with a bushy plant type. It has white flowers, light tawny pubescence, tan pods and black hila seed. It rates 1.0 for emergence, 1.4 for lodging, 1.0 for shattering, 1.6 for soybean cyst nematode, 1.8 for sudden death syndrome (SDS) and 1.7 for phytophthora field tolerance (R3a gene) on a scale of 1-5 with 1 being best.

*Quality Assurance Class*

Double D Seeds	Hallsville, MO	(573) 696-2507
Ferguson Seed Farms	Glasgow, MO	(660) 338-5105
Ken Tevis Seed, Inc.	Hughesville, MO	(660) 460-0648

**SS-13L.45N** is a mid-group IV (RM 4.5) variety that averages 40” in height with a intermediate bushy plant type. It has purple flowers, light tawny pubescence, brown pods and black hila seed. It rates 1.0 for emergence, 1.6 for lodging, 1.0 for shattering, 1.5 for soybean cyst nematode, 1.9 for sudden death syndrome (SDS) and 1.8 for phytophthora field tolerance (Rk gene) on a scale of 1-5 with 1 being best.

*Quality Assurance Class*

El-Par Seeds	Versailles, MO	(573) 378-4540
Lay Seed Farms, LLC	LaBelle, MO	(660) 462-3943
Ken Tevis Seed, Inc.	Hughesville, MO	(660) 460-0648

**SS-14L.49N** is a late group IV (RM 4.9) variety with an intermediate bushy plant type, purple flowers, gray pubescence, tan pods, imperfect black hila seed and average height. It scores 1.0 for emergence, 1.4 for lodging, 1.0 for shattering, 1.8 for phytophthora field tolerance, 1.8 for sudden death syndrome (SDS) and 1.5 for soybean cyst nematode (SCN) on a scale of 1-5 with 1 being best.

*Quality Assurance Class*

Krause Seeds, Inc.	Concordia, MO	(660) 463-7333
--------------------	---------------	----------------

**SS-16L.43N** is a mid-group IV variety (RM 4.3) that averages 31” in height with an intermediate bush plant type. It has mixed flower color, light tawny pubescence, brown pods and black hila seed that average 3,100 seeds/lb. SS-16L.43N scores 1.0 for emergence, 1.7 for lodging, 1.0 for shattering, 1.8 for phytophthora root rot, 1.9 for brown stem rot, 2.3 for white mold, 1.9 for SDS, 1.5 for SCN, 1.7 for frogeye leaf spot, 1.9 for stem canker, 1.5 for charcoal rot, 2.1 for root knot nematode and 4.5 for salt index and on a scale of 1-5 with 1 being best.

*Quality Assurance Class*

Lay Seed Farms, LLC	LaBelle, MO	(660) 462-3943
Petersburg Seed Company, LLC	Franklin, MO	(660) 621-1167

**SS-17L.41N** is an early group IV variety (RM 4.1) with white flowers, light tawny pubescence, brown pods and black hila seed that average 2,600 seeds/lb. It scores 1.0 for emergence, 1.7 for lodging, 1.0 for shattering, 1.7 for phytophthora field tolerance, 1.9 for brown stem rot, 2.7 for white mold, 1.9 for SDS, 1.5 for SCN, 1.6 for frogeye leaf spot, 2.1 for stem canker, 1.4 for charcoal rot, 2.5 for root knot nematode and 1.5 for salt index and on a scale of 1-5 with 1 being best.

Quality Assurance Class

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

**SS-17L.44N** is a mid-group IV medium-tall variety (RM 4.4) with purple flowers, light tawny pubescence, brown pods and black hila seed that average 3,200 seeds/lb. It scores 1.0 for emergence, 1.9 for lodging, 1.0 for shattering, 1.7 for phytophthora field tolerance, 1.9 for brown stem rot, 2.1 for SDS, 1.5 for SCN, 1.7 for frogeye leaf spot, 1.5 for stem canker, 1.7 for charcoal rot, 1.9 for root knot nematode and 4.5 for salt index and on a scale of 1-5 with 1 being best.

Quality Assurance Class

Petersburg Seed Company, LLC

Franklin, MO

(660) 621-1167

**SS-17L.45N** is a mid-group IV variety (RM 4.5) with purple flowers, light tawny pubescence, brown pods and black hila seed that average 2,600 seeds/lb. It scores 1.0 for emergence, 1.9 for lodging, 1.0 for shattering, 1.8 for phytophthora field tolerance, 1.8 for brown stem rot, 1.9 for SDS, 1.5 for SCN, 2.3 for frogeye leaf spot and 4.5 for salt index and on a scale of 1-5 with 1 being best.

Quality Assurance Class

Petersburg Seed Company, LLC

Franklin, MO

(660) 621-1167

**SS-17L.46N** is a mid-group IV medium-short variety (RM 4.6) with mixed flowers, light tawny pubescence, brown pods and black hila seed that average 2,600 seeds/lb. It scores 1.0 for emergence, 1.8 for lodging, 1.0 for shattering, 1.8 for phytophthora field tolerance, 1.8 for brown stem rot, 1.9 for SDS, 1.5 for SCN, 2.5 for frogeye leaf spot, 1.7 for stem canker, 1.8 for charcoal rot, 1.9 for root knot nematode and 4.5 for salt index and on a scale of 1-5 with 1 being best.

Quality Assurance Class

Ken Tevis Seed, Inc.

Hughesville, MO

(660) 460-0648

**SS-17L.47N** is a mid-late group IV variety (RM 4.7) with white flowers, light tawny pubescence, brown pods and black hila seed that average 2,800 seeds/lb. It scores 1.0 for emergence, 1.9 for lodging, 1.0 for shattering, 1.8 for phytophthora field tolerance, 2.4 for brown stem rot, 2.6 for white mold, 2.6 for SDS, 1.5 for SCN, 1.9 for frogeye leaf spot, 1.8 for stem canker, 1.6 for charcoal rot, 3.2 for root knot nematode and 4.5 for salt index and on a scale of 1-5 with 1 being best.

Quality Assurance Class

Krause Seeds, Inc.

Concordia, MO

(660) 463-7333

## SPRING OATS

**GOLIATH** (1994 PVP – Title V Protected) is a white-hulled variety with maturity 1.7 days later and height 4.3 inches taller than Stallion. It has excellent grain yield and forage yield potential, good test weight, very high groat percentage and average protein content. Goliath has excellent resistance to crown rust, barley yellow dwarf virus, stem rust and smut with excellent straw strength, however, it should not be planted on highly fertile soils unless it will be harvested for forage.

Certified Class

Paul Parsons

Albany, MO

(660) 726-3774

**REINS** (1994 PVP Applied) is an early maturing medium-short variety with good lodging resistance and high test weight. It is one day earlier than Saber and one day later than Excel, is about 2” shorter than Saber and Excel and more resistant to lodging than Saber and Excel. Test weight has been about 3 lbs/bu higher than Excel and 2 lbs/bu than Saber. Reins is resistant to loose smut, tolerant to barley yellow dwarf and moderately resistant-moderately susceptible to crown rust.

Certified Class

Paul Parsons

Albany, MO

(660) 726-3774

**SABER** (1994 PVP – Title V Protected) is an early maturing variety with light yellow kernels similar to ‘Ogle’ and was derived from the cross of ‘Tack’ and ‘Spurs’. It is approximately 2 days earlier in maturity than ‘Jay’ with a heading date the same as ‘Don’ and is approximately 4cm taller than both ‘Jay’ and ‘Don’ and 4cm shorter than ‘Chaps’. Saber is tolerant to barley yellow dwarf virus, moderately resistant/moderately susceptible to crown rust and is susceptible to loose smut. Test weight of Saber is very good and has been approximately 1.4 lbs/bu higher than ‘Jay’ and 2.2 lbs/bu higher than ‘Chaps’.

Certified Class

El-Par Seeds

Versailles, MO

(573) 378-4540

GFG Ag Products

Trenton, MO

(660) 359-2258

**SHELBY 427** (1994 PVP - Title V Protected) is a mid-season, high yielding variety with high yield potential, high groat percentage and high test weight. It is a medium tall variety with good lodging resistance. Shelby 427 is resistant to barley yellow dwarf virus & crown rust and has moderate resistance to smut and stem rust.

Certified Class

Green Valley Seed

Kahoka, MO

(660) 727-3341

## RICE

**CL151** (1994 PVP – Title V Protected) is a semi-dwarf long grain rice variety that can be used with the Clearfield rice production system. It is 8 cm shorter than CL161 and 10 cm taller than CL131. It has purple apiculus and the color fades as grains approach maturity. The lemma and palea are straw-colored and glabrous and the bran is light brown. CL151 is susceptible to sheath blight, and moderately susceptible to blast and bacterial panicle blight.

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**CL153** (1994 PVP Applied) is an early maturing, semi-dwarf, long grain Clearfield variety. It averages 38” in height (same as CL111 and CL151) and matures four days earlier than CL111 and one day later than CL151. CL153 is susceptible to sheath blight, moderately susceptible to bacterial panicle blight, cercospora & straighthead and moderately resistant to blast.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**CL163** (1994 PVP – Title V Protected) is an imidazoline tolerant, high yielding, early maturing, semi-dwarf long grain variety that possesses the “Newrex” cooking profile which makes it favorable in food service sectors. It has an average mature plant height of 41”, about 89 days to 50% heading and offers better straw strength than CL151. CL163 contains the Pi-km gene that confers resistance to blast (*Pyricularia oryzae*) races IB45 and IB 54 and is susceptible to races IB1, IB49, IC17, IEK1K, and IE1. It is rated susceptible to sheath blight, intermediate to bacterial panicle blight and moderately resistant to straighthead disorder.

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**CL172** (1994 PVP – Title V Protected) is an early maturing long grain variety for use in the Clearfield rice production system. It averages 91 cm in height and 86 days from emergence to 50% heading. CL172 is resistant to common races of blast and is susceptible to sheath blight, kernel smut, false smut, straighthead and bacterial panicle blight

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**CL272** (1994 PVP Applied) is an early maturing, semi-dwarf, medium grain Clearfield variety. It averages 38” in height (1” taller than CL271) and averages 85 days to heading (same as CL271 and Jupiter). CL272 is moderately resistant to cercospora and is moderately susceptible to bacterial panicle blight, sheath blight, straighthead and blast.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**DIAMOND** (1994 PVP To Be Applied) is an early maturing, long grain variety that averages 104 cm in height and 85 days from emergence to 50% heading. Diamond is moderately susceptible to bacterial panicle blight susceptible to sheath blight, kernel smut, blast, kernel smut, and very susceptible to false smut.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**JAZZMAN** (1994 PVP Protected) is a high-yielding, conventional height, Jasmine-type aromatic, long-grain rice with very good milling and excellent grain quality that averaged 40 inches in height in yield tests across Louisiana compared with 37 and 39 inches for Cypress and Dellrose, respectively. It is similar in maturity to Cypress but later than Dellrose with the average number of days from emergence to 50 percent heading is 87 for both Jazzman and Cypress and 85 for Dellrose. Jazzman is moderately susceptible to rice sheath blight, bacterial panicle blight and straighthead disorder, and moderately resistant to blast.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**LAKAST** (1994 PVP Applied) is a very short season variety similar in maturity to CL111 which is 5 days earlier than Roy J with straw strength similar to Francis or Wells and height of approximately 42” which is similar to Roy J. It is rated susceptible to common rice blast (*Pyricularia grisea*) races IB1, IB33, IB49, IC17, IE1 & IEK1K, sheath blight, kernel smut, stem rot, narrow brown leaf spot, false smut and bacterial panicle blight. LaKast is rated moderately susceptible to crown sheath rot and physiological straighthead disorder.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Erwin-Keith, Inc.                                      Wynne, AR                      (870) 238-2079  
Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286



**ROY J** (1994 PVP Applied) is a very high yielding, mid-season, long-grain cultivar that averages 43”in height with maturity similar to Taggert. It has stronger straw strength than Francis or Wells which is an indicator of lodging resistance. Roy J is susceptible to common rice blast races IB-1, IB-33, IB-49, IC-17m IE-1 and IE-1K. It is moderately susceptible to sheath blight and crown sheath rot, susceptible to bacterial panicle blight, straighthead, kernel smut, false smut & stem rot, moderately resistant to narrow brown leaf spot and is resistant to brown spot.

Registered Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

Certified Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**SIXTY-SEVEN** is a very early maturing, short stature, semi-dwarf, long grain variety that averages 32” tall, which is similar to Lemont. It has strong straw strength, intermediate to high tillering, semi-compact panicle with low shattering and intermediate to difficult threshing.

Foundation Class

Tanner Seed Company, LLC                      Bernie, MO                      (573) 276-2286

**VEGETATIVELY PROPAGATED GRASS**

**HYBRID TURF TYPE BERMUDAGRASS**

**LATITUDE 36** (Plant Patent Protected) *Contact MCIA office for phenotypic information*

Foundation, Registered & Certified Class

Greenfield Turf Farms                      Gordonville, MO                      (573) 450-4058

**NORTHBRIDGE** (Plant Patent Protected) *Contact MCIA office for phenotypic information*

Registered & Certified Class

Greenfield Turf Farms                      Gordonville, MO                      (573) 450-4058

**PATRIOT** (Plant Patent Protected) *Contact MCIA office for phenotypic information*

Registered & Certified Class

Cane Creek Sod                      Poplar Bluff, MO                      (573) 776-1886

## WARM SEASON / NATIVE GRASSES & FORBS

### Agalinia fasciculata (*Beach False Foxglove*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Agrostis hyemalis (*Winter Bentgrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Amorpha canescens (*Leadplant*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed Co.	Novinger	(660) 488-6849

### Amsonia illustris (*Shining Bluestar or Ozark Bluestar*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Andropogon gerardii (*Big Bluestem*)

MO Native Ecotype	Selected	Grace Native Seed	Albany	(660) 726-5884
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	Pure Air Natives Inc.	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012
MO Native Ecotype	Source ID	W&S, LLC	Chillicothe	(573) 999-6198
OZ 70	Selected	USDA/NRCS	Elsberry	(573) 898-2012
Rountree	Foundation	USDA/NRCS	Elsberry	(573) 898-2012

### Andropogon ternarius (*Splitbeard Bluestem*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Andropogon virginicus (*Broomsedge*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Asclepias hirtella (*Green Milkweed*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

### Asclepias incarnata (*Swamp Milkweed*)

MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 726-5884
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

### Asclepias tuberosa (*Butterfly Milkweed*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

### Asclepias syriaca (*Common Milkweed*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Aster anomalus (*Many Rayed Aster*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Aster azureus (*Sky Blue Aster*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

### Aster oblongifolius (*Aromatic Aster*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

### Aster paludosus (*Southern Swamp Aster*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

<b><u>Aster praealtus</u></b> ( <i>Willowleaf Aster</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Astragalus canadensis</u></b> ( <i>Canadian Milkvetch</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Astragalus crassicaarpus</u></b> ( <i>Groundplum Milkvetch</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Baptisia alba</u></b> ( <i>White Indigo</i> )				
MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
<b><u>Baptisia australis</u></b> ( <i>Blue Indigo</i> )				
MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012
<b><u>Bidens aristosa</u></b> ( <i>Bearded Beggartick</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
<b><u>Bidens frondosa</u></b> ( <i>Devil's Beggartick</i> )				
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
<b><u>Blephilia ciliata</u></b> ( <i>Downy Pagoda-plant or Downy Wood Mint</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Boltonia asteroides</u></b> ( <i>White Doll's Daisy</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Boutelona curtipendula</u></b> ( <i>Sideoats Grama</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012
MO Native Ecotype	Source ID	W&S LLC	Chillicothe	(573) 999-6198
<b><u>Callirhoe digitata</u></b> ( <i>Fringed Poppy Mallow</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Callirhoe involucrata</u></b> ( <i>Purple Poppy Mallow</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Camassia angusta</u></b> ( <i>Prairie Hyacinth</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Carex blanda</u></b> ( <i>Eastern Woodland Sedge</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
<b><u>Carex bushii</u></b> ( <i>Bush's Sedge</i> )				
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
<b><u>Carex cristatella</u></b> ( <i>Crested Sedge</i> )				
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
<b><u>Carex frankii</u></b> ( <i>Frank's Sedge</i> )				
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

<b><u>Carex granularis</u></b> ( <i>Limestone Meadow Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Carex grisea</u></b> ( <i>Inflated Narrow-leaf Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Carex hirsutella</u></b> ( <i>Fuzzy Wuzzy Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Carex lupulina</u></b> ( <i>Hop Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Carex normalis</u></b> ( <i>Greater Straw Sedge</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Carex shortiana</u></b> ( <i>Short's Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Carex squarrosa</u></b> ( <i>Cat Tail Sedge</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Carex vulpinoidea</u></b> ( <i>Fox Sedge</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Castilleja coccinea</u></b> ( <i>Indian Paintbrush</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Ceanothus americanus</u></b> ( <i>New Jersey Tea</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Ceanothus ovatus</u></b> ( <i>Red Root</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Cephalanthus occidentalis</u></b> ( <i>Common Buttonbush</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Chamaecrista nictitans</u></b> ( <i>Sensitive Partridge Pea</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Chamaecrista fasciculata</u></b> ( <i>Partridge Pea</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Chasmanthium latifolium</u></b> ( <i>Indian Woodoats</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012	
<b><u>Coreopsis grandiflora</u></b> ( <i>Grand Coreopsis</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Coreopsis lanceolata</u></b> ( <i>Lanceleaf Coreopsis or Tickseed Coreopsis</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Coreopsis palmata</u></b> ( <i>Prairie Coreopsis</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	

**Coreopsis tinctoria** (*Plains Coreopsis*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Coreopsis tripteris** (*Tall Coreopsis*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 867-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Dalea candida** (*White Prairie Clover*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Dalea purpureum** (*Purple Prairie Clover*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Danthonia spicata** (*Poverty Oatgrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Delphinium carolinianum** (*Carolina Larkspur*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Desmanthus illinoensis** (*Illinois Bundleflower*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Desmodium canadense** (*Showy Ticktrefoil*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
Alexander	Selected	USDA/NRCS	Elsberry	(573) 898-2012

**Desmodium illinoense** (*Illinois Ticktrefoil*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Dodecantheon meadia** (*Shooting Star*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Echinacea pallida** (*Pale Purple Coneflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Echinacea paradoxa** (*Yellow Coneflower*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190

**Echinacea purpurea** (*Purple Coneflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Echinacea simulata** (*Ozark Coneflower or Wavyleaf Purple Coneflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Elymus canadensis** (*Canada Wild Rye*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

<b><u>Elmyus macgregorii</u></b> ( <i>Early Wildrye</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Elymus virginicus</u></b> ( <i>Virginia Wild Rye</i> )					
Cuivre River	Selected	Missouri Native Seed	Meadville	(660) 938-4646	
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	W&S LLC	Chillicothe	(573) 999-6198	
<b><u>Erianthus alopecuroides</u></b> ( <i>Silver Plumegrass</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Eryngium yuccifolium</u></b> ( <i>Rattlesnake Master</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Festuca paradoxa</u></b> ( <i>Clustered Fescue</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Festuca octoflora</u></b> ( <i>Sixweeks Fescue</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Gaura longiflora</u></b> ( <i>Longflower Beeblossom</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Gentiana puberulenta</u></b> ( <i>Downy Gentian</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Glandularia canadensis</u></b> ( <i>Rose Verbena or Rose Vervain</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Glyceria striata</u></b> ( <i>Fowl Mannagrass</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Glycine max</u></b> ( <i>Soybean</i> )					
Bobwhite	Foundation	USDA/NRCS	Elsberry	(573) 898-2012	
<b><u>Grindelia lanceolata</u></b> ( <i>Curly Cup Gum Plant or Narrowleaf Gumweed</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Helenium autumnale</u></b> ( <i>Common Sneezeweed</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Helianthus grosseserratus</u></b> ( <i>Sawtooth Sunflower</i> )					
MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299	
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Helianthus maximiliani</u></b> ( <i>Maximilian Sunflower</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Helianthus mollis</u></b> ( <i>Ashy Sunflower</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Helianthus occidentalis</u></b> ( <i>Western Sunflower</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Helianthus pauciflorus</u></b> ( <i>Stiff Sunflower</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	

**Helianthus salicifolius** (*Willowleaf Sunflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Heliopsis helianthoides** (*Ox-eye Sunflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Hibiscus militaris** (*Rose Mallow*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Hystrix patula** (*Bottlebrush*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Koleria macrantha** (*Junegrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Lespedeza capitata** (*Roundhead Bush Lespedeza*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Lespedeza hirta** (*Hairy Bush Clover Lespedeza*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Lespedeza virginica** (*Slender Bush Lespedeza*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Liatris aspera** (*Prairie Blazing Star*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Liatris mucronata** (*Cusp Blazing Star or Glade Blazing Star*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Liatris pycnostachya** (*Prairie Blazing Star*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Liatris squarrosa** (*Squarrosa Blazing Star or Scaly Blazing Star*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Linum medium** (*Stiff Yellow Flax*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Lobelia cardinalis** (*Cardinal Flower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Lobelia siphilitica** (*Great Blue Lobelia*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Ludwigia alternifolia** (*Seedbox*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

<b><u>Marshallia caespitosa</u></b> ( <i>Puffballs</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Melanthium virginicum</u></b> ( <i>Virginia Bunchflower</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Mimosa quadrivalvis</u></b> ( <i>Cat's Claw or Sensitive Brier</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Mimulus ringens</u></b> ( <i>Allegheny Monkeyflower</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Mixture</u></b> ( <i>Contact Producer for Component Information</i> )					
MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 726-5884	
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646	
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433	
<b><u>Monarda bradburiana</u></b> ( <i>Horsemint or Woodland Bergamot</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Monarda fistulosa</u></b> ( <i>Wild Bergamot</i> )					
MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299	
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012	
<b><u>Oenothera biennis</u></b> ( <i>Common Evening Primrose</i> )					
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Oenothera macrocarpa</u></b> ( <i>Missouri Primrose</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Orbexilum pedunculatum</u></b> ( <i>Sampson's Snakeroot</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Palafoxia callosa</u></b> ( <i>Palafoxia</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
<b><u>Panicum virgatum</u></b> ( <i>Switchgrass</i> )					
Cave-in-Rock	Foundation	USDA/NRCS	Elsberry	(573) 898-2012	
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(573) 488-6849	
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012	
<b><u>Parthenium integrifolium</u></b> ( <i>Wild Quinine</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Pedicularis canadensis</u></b> ( <i>Wood Betony</i> )					
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646	
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849	
<b><u>Penstemon cobaea</u></b> ( <i>Purple Beardtongue</i> )					
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190	



**Penstemon digitalis** (*Foxglove Beardtongue or Smooth Beardtongue*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Penstemon tubaeflorus** (*Prairie Beardtongue*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Physostegia virginia** (*Obedient Plant*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Polytaenia nuttallii** (*Nuttall's Prairie Parsley*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Psoralidium tenuiflorum** (*Scurfypea*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Pycnanthemum tenifolium** (*Slender Mountain Mint*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Pycnanthemum virginianum** (*Virginia Mountain Mint*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Ratibida columnifera** (*Upright Prairie Coneflower or Mexican Hat*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Ratibida pinnata** (*Gray-head Coneflower*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Rhynchospora globularis** (*Globe Beaksedge*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Rosa carolina** (*Carolina Rose*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Rudbeckia hirta** (*Black-eyed Susan*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Rudbeckia submentosa** (*Sweet Coneflower*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 726-5884
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Rudbeckia triloba** (*Brown-eyed Susan*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Salvia azurea** (*Pitcher's Sage or Blue Sage*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Schizachyrium scoparium** (*Little Bluestem*)

MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 726-5884
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012
MO Native Ecotype	Source ID	W&S LLC	Chillicothe	(573) 999-6198
Ozark	Selected	USDA/NRCS	Elsberry	(573) 898-2012
Ozark	Selected	W&S LLC	Chillicothe	(573) 999-6198

**Schrankai nuttallii** (*Catsclaw Sensitive Briar*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Scirpus atrovirens** (*Black-girdle Bulrush*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Scirpus cyperinus** (*Woolgrass*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Scirpus pendulus** (*Rufous Bulrush*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Scleria triglomerata** (*Tall Nut Grass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Scutellaria incana** (*Downy Skullcap*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Senna marilandica** (*Wild Senna*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Silene regia** (*Royal Catchfly*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Silphium integrifolium** (*Rosinweed*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Silphium laciniatum** (*Compass Plant*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Silphium perfoliatum** (*Cup Plant*)

MO Native Ecotype	Source ID	Ben Duffield	Tuscumbia	(573) 369-3299
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Silphium terebinthinaceum** (*Prairie Dock*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Solidago nemoralis** (*Gray Goldenrod*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Solidago petiolaris** (*Savanna Goldenrod*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Solidago rigida** (*Rigid Goldenrod*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Solidago speciosa** (*Showy Goldenrod*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Sorghastrum nutans** (*Indiangrass*)

MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 762-5884
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Natives Inc	Wentzville	(636) 357-6433
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
MO Native Ecotype	Source ID	W&S LLC	Chillicothe	(573) 999-6198
Rumsey	Foundation	USDA/NRCS	Elsberry	(573) 898-2012

**Spartina pectinata** (*Prairie Cordgrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Sphenopholis obtusata** (*Prairie Wedgescale*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Sporobolus compositus** (*Tall Dropseed*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	USDA/NRCS	Elsberry	(573) 898-2012

**Sporobolus heterolepis** (*Prairie Dropseed*)

MO Native Ecotype	Source ID	Grace Native Seed	Albany	(660) 726-5884
MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Missouri Native Seed	Meadville	(660) 938-4646
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Stipa spartea** (*Porcupinegrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Symphytotrichum novae-angliae** (*New England Aster*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Tephrosia virginiana** (*Goat's Rue*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Tradescantia ohiensis** (*Ohio Spiderwort*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Tridens strictus** (*Longspike Tridens*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Trifolium reflexum** (*Buffalo Clover*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Tripsacum dactyloides** (*Eastern Gamagrass*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Uniola latifolia** (*River Oats*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Verbena hastata** (*Blue Vervain or Swamp Verbena*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
-------------------	-----------	-------------------------	-----------	----------------

**Verbesina helianthoides** (*Yellow Wingstem*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Vernonia fasciculata** (*Prairie Ironweed*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Veronia missurica** (*Missouri Ironweed*)

MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849
-------------------	-----------	----------------------	----------	----------------

**Veronicastrum virginicum** (*Culver's Root*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849

**Zizia aurea** (*Golden Alexanders*)

MO Native Ecotype	Source ID	Hamilton Native Outpost	Elk Creek	(417) 967-2190
MO Native Ecotype	Source ID	Pure Air Native Seed	Novinger	(660) 488-6849