

2024 SUMMARY REPORT

Commercial Seed Inspections



PLANT INDUSTRIES DIVISION

FEED AND SEED PROGRAM

Missouri Department of Agriculture Mission Statement

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The 2024 Seed Summary Report is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Feed and Seed Program (Program), is pleased to publish the 2024 Seed Summary Report and inspection results.

In 2024, the Program officially sampled and tested 2,786 lots of seed. As a result of seed failing to meet its labeled guarantees, 140 stop-sale orders were issued. This resulted in a compliance rate of 95% compared to 93.9% in 2023.

The Missouri Seed Control Laboratory tested 214 service samples in 2024. A total of 3,000 official and service samples were tested in 2024 resulting in a total of 4,945 individual tests performed.

All seed retailers are required to have their seed retested for germination every 10 months (counting the month the seed was retested.) Seed lots found to be out of test date may be placed on stop sale order until the seed has been retested and a new test date and germination rate is placed on the label or the seed is disposed of in an acceptable manner.

The Program offers seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Regulations 2CSR 70-35.050.

For more information concerning the services offered by the Feed and Seed Program, contact the feed and seed inspector in your area, or contact:

**Missouri Department of Agriculture
Feed & Seed Program
P.O. Box 630
Jefferson City, MO 65102**

**Email: FSTT@mda.mo.gov
(573) 751-4310 Office
(573) 751-4340 Seed Laboratory**

Or visit our website at <https://agriculture.mo.gov/plants/feed/>

PLANT INDUSTRIES DIVISION
FEED AND SEED PROGRAM

Administration

Paul Bailey, Director Plant Industries
Mary Koestner, Program Manager, Feed & Seed
Taliaa Pendergrass, AFRPS Coordinator
Maghan Lage, Compliance & Enforcement Coordinator
Whitney Williams, Pet Food Coordinator
Eileen Pierson, Administrative Support Professional
Tabitha Ypya, Lead Administrative Support Assistant
Amanda Goff, Administrative Support Assistant
Laura Schaefer, Administrative Support Clerk

Feed & Seed Laboratory Staff

Melissa Nichols, Laboratory Manager
Abbey Stieferman, Quality Assurance Manager
Luke Malinski, Senior Laboratory Scientist
Sheila Schaffer, Senior Laboratory Scientist
Michaela Madison, Senior Laboratory Scientist
Garrett Avery, Laboratory Scientist
Veronica Donovan, Laboratory Scientist
David Hoskins, Seed Analyst III
Andrea Taylor, Seed Analyst II

Inspectors and Assigned Areas

Area 1

Morgan Ferbert
Skidmore, MO
Morgan.Ferbert@mda.mo.gov
(573) 469-1004

Area 2

Ken Disselhorst
Hannibal, MO
Ken.Disselhorst@mda.mo.gov
(573) 822-3850

Area 3

Makenzie Schwalm
Des Moise, MO
Makenzie.Schwalm@mda.mo.gov
(573) 298-3953

Area 4

Marissa (Stevens) Jack
Marionville, MO
Marissa.Jack@mda.mo.gov
(573) 418-3981

Area 5

Taylor Otto
St. Elizabeth, MO
Taylor.Otto@mda.mo.gov
(573) 616-8786

Area 6

Jeremy Barron
Dexter, MO
Jeremy.Barron@mda.mo.gov
(573) 418-0907

Area 7

Meridee Haworth-Ryder
Bourbon, MO
Meridee.Haworth@mda.mo.gov
(573) 418-3984

Field-Staff Supervisor

Ethan Willis
Bolivar, MO
Ethan.Willis@mda.mo.gov
(573) 418-3985

Feed and Seed Program

Missouri Department of Agriculture, P.O. Box 630, 1616 Missouri Boulevard, Jefferson City, Missouri 65102

Division of Plant Industries

**Division Director
Paul Bailey**

**Program Manager
Mary Koestner**

(573) 751-4310



Field Inspector

- 1 - Morgan Ferbert
- 2 - Ken Disselhorst
- 3 - Makenzie Schwalm
- 4 - Marissa Jack
- 5 - Taylor Otto
- 6 - Jeremy Barron
- 7 - Meridee Haworth-Ryder

* Ethan Willis - Field Staff Supervisor (EW)



Missouri Department of Agriculture

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

Updated: July 2023

SAMPLES ANALYZED FOR 2024

OFFICIAL SAMPLES ANALYZED			2,786
	Germination	2,732	
	Noxious Weed	812	
	Purity	840	
	Sand	0	
	Tetrazolium (TZ)	0	
	Retests Performed	191	
TOTAL NUMBER OF LOTS IN VIOLATION			140
TOTAL OFFICIAL TESTS PERFORMED			4,575
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED			95 %
SERVICE SAMPLES ANALYZED			214
	Germination	274	
	Noxious Weed	76	
	Purity	20	
	Tetrazolium (TZ)	0	
	Retests Performed	0	
TOTAL SERVICE SAMPLE TESTS PERFORMED			370
TOTAL SAMPLES			3,000
TOTAL TESTS PERFORMED			4,945
SEED PERMITS ISSUED			4,042

Information on samples, inspection of seeds, or service samples is available from the Feed and Seed Program, 115 Constitution Drive, Jefferson City, Missouri, 65109 or by calling (573) 751-4310.

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.
Without proper sampling technique, test will not reflect true quality of the seed.

Bulk lot seeds:

Take a sample from several places.
Mix the seed samples thoroughly.
Make a composite sample.

Bagged lot seeds:

Take sample from approximately 10 percent of the bags.
Mix the seed samples thoroughly.
Make a composite sample.

Size of sample needed for testing:

TYPE OF SEED	SAMPLE SIZE
Large Seeds (corn, soybean, wheat, etc.)	Quart
Highly chaffy seeds (bromegrass, switchgrass, canarygrass, bluestem)	Quart
Small seeds (grass seed, legumes, clover, alfalfa, etc.)	Pint
Vegetable Seeds	200 seed minimum



STATE OF MISSOURI
DEPARTMENT OF AGRICULTURE
SUBMITTING SEED SERVICE SAMPLES

SEED CHARGES	
Purity Exam for one cultivar	\$24.00
Purity Exam for more than one cultivar	\$36.00
Purity Exam for seed samples with less than 90% seed	\$20.00 per hour
Purity Exam for highly chaffy seed	\$20.00 per hour
NOTE: Uncleaned seed will be charged \$20.00 per hour for Purity Exam	
Noxious/Prohibited Weed Exam	\$24.00
Germination per cultivar (except highly chaffy seed)	\$24.00
Germination - highly chaffy seed	\$28.00
Endophyte from seed	\$40.00
Tetrazolium (TZ) Test	\$50.00
Complete Test (includes Purity, Noxious Exam and Germination)	\$72.00

SAMPLE SIZE NEEDED	
Large seed such as corn, soybean, wheat, etc.	~ Quart
Highly chaffy seeds such as bromegrass, switchgrass, canarygrass, bluestem	~ Quart
Small seed such as grass seed, legumes (clover), etc	~ Pint
Vegetable seeds	200 seeds minimum

Complimentary, cost-free seed analysis for Missouri farmers and individuals submitting samples from June 1 thru August 31, and November 1 thru January 15 based on postmark. The seed can not be intended for resale; therefore, not subject to the labeling requirements of the law.

<p>MAIL SAMPLES TO</p> <p>Missouri Department of Agriculture State Seed Control Laboratory PO Box 630 Jefferson City, MO 65102</p>	<p>DELIVER SAMPLES TO</p> <p>Missouri Department of Agriculture State Seed Control Laboratory 115 Constitution Drive Jefferson City, MO 65109</p>
---	--

Contact Missouri State Seed Control Laboratory: 573-751-4340 (between 7am to 3:30pm Central Time)

Additional forms can be obtained at <http://www.agriculture.mo.gov>

PLEASE FILL THE BOTTOM PORTION AND SUBMIT WITH SAMPLE

NAME OF THE SUBMITTING INDIVIDUAL (PLEASE PRINT)		USA PLANTS ID# (IF AVAILABLE)	
ADDRESS	CITY	STATE	ZIP CODE
TELEPHONE NUMBER	EMAIL ADDRESS		
KIND OF SEED	LOT NUMBER	YEAR THE SEED WAS HARVESTED	

ANALYSIS REQUESTED (CHECK THE TEST(S) TO BE PERFORMED)

GERMINATION
 PURITY EXAM
 NOXIOUS/PROHIBITED WEED
 OTHER (SPECIFY)

LABORATORY USE ONLY		
DATE SAMPLE RECEIVED	SAMPLE LAB NUMBER	SAMPLE BILLED

SECTION ONE

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
ADVANCED TURF SOLUTIONS, FISHERS (002HPY)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
AG RELIANT GENETICS LLC, WESTFIELD (00222J)										
	Mixture	3	3	0		0	0	0	0	0
	Soybean	13	11	2		2	0	0	0	0
Compliance Rate:	87.5%	16	14	2		2	0	0	0	0
AGASSIZ SEEDS INC, WEST FARGO (004CJ1)										
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
ANDREWS FARM & SEED INC, CARTHAGE (002APN)										
	Mixture	3	3	0		0	0	0	0	0
	Soybean	27	25	2		2	0	0	0	0
	Wheat	42	42	0		0	0	0	0	0
Compliance Rate:	97.2%	72	70	2		2	0	0	0	0
ANI-LOGICS OUTDOORS LLC, WORTHINGTON (00277N)										
	Radish, Forage	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
BACK TO THE ROOTS, OAKLAND (003JY9)										
	Arugula	1	1	0		0	0	0	0	0
	Basil	2	2	0		0	0	0	0	0
	Carrot	4	4	0		0	0	0	0	0
	Cilantro	1	1	0		0	0	0	0	0
	Dill	1	1	0		0	0	0	0	0
	Kale	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Lettuce	4	2	2		2	0	0	0	0
	Onion	2	1	1		1	0	0	0	0
	Parsley	2	2	0		0	0	0	0	0
	Spearmint	1	1	0		0	0	0	0	0
	Spinach	1	1	0		0	0	0	0	0
Compliance Rate:	85.0%	20	17	3		3	0	0	0	0

BARENBRUG USA, TANGENT (002ABQ)

	Fescue, Tall	2	1	1		0	1	0	0	0
	Mixture	29	26	3		2	0	0	0	0
	Radish	1	1	0		0	0	0	0	0
	Ryegrass, Perennial	1	1	0		0	0	0	0	0
Compliance Rate:	87.9%	33	29	4		2	1	0	0	0

BASF CORPORATION, DURHAM (0038FC)

	Soybean	7	7	0		0	0	0	0	0
Compliance Rate:	100.0%	7	7	0		0	0	0	0	0

BAYER CROP SCIENCE, ST LOUIS (003B54)

	Cotton	1	1	0		0	0	0	0	0
	Soybean	257	257	0		0	0	0	0	0
Compliance Rate:	100.0%	258	258	0		0	0	0	0	0

BAYER CROPSOURCE LP, ST LOUIS (001MJ9)

	Soybean	75	74	1		1	0	0	0	0
Compliance Rate:	98.7%	75	74	1		1	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
BEACHNER SEED, LAMAR (002296)										
	Fescue, Tall	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
BECKS SUPERIOR HYBRIDS INC, ATLANTA (0022J8)										
	Wheat	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
BENSON HILL SEEDS, GRINNELL (003GZ7)										
	Mixture	1	0	1		0	0	0	0	0
Compliance Rate:	0.0%	1	0	1		0	0	0	0	0
BOMGAARS SUPPLY INC - HOUSTON, HOUSTON (003ZCW)										
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
BOTANICAL INTERESTS INC, BROOMFIELD (002ACP)										
	Dill	1	1	0		0	0	0	0	0
	Lettuce	1	1	0		0	0	0	0	0
	Parsley	1	1	0		0	0	0	0	0
	Spinach	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
BOWMAN MILLING, ADVANCE (0025J0)										
	Bean, Garden	1	0	1		1	0	0	0	0
	Beet	2	2	0		0	0	0	0	0
	Carrot	2	1	1		1	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Corn, Sweet	1	1	0		0	0	0	0	0
	Cucumber	1	1	0		0	0	0	0	0
	Lettuce	2	1	1		1	0	0	0	0
	Okra	1	1	0		0	0	0	0	0
	Radish	1	1	0		0	0	0	0	0
	Turnip	1	1	0		0	0	0	0	0
Compliance Rate:	75.0%	12	9	3		3	0	0	0	0
BRAUNGARDT AGRICULTURAL SERVICES, BOWLING GREEN (0024MN)										
	Soybean	6	6	0		0	0	0	0	0
Compliance Rate:	100.0%	6	6	0		0	0	0	0	0
CAUDILL SEED & WAREHOUSE CO INC, LOUISVILLE (002AJZ)										
	Fescue, Tall	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
CENTRAL STATES WHOLESALE, PERRYVILLE (0027F8)										
	Fescue, Tall	3	2	1		0	1	0	0	1
	Mixture	1	0	1		1	0	0	0	0
Compliance Rate:	50.0%	4	2	2		1	1	0	0	1
CHANNEL BIO LLC, ST LOUIS (0025AZ)										
	Soybean	25	25	0		0	0	0	0	0
Compliance Rate:	100.0%	25	25	0		0	0	0	0	0
CORNOCOPIA SEEDS, FELTON (002PB6)										
	Carrot	1	1	0		0	0	0	0	0
	Collards	1	1	0		0	0	0	0	0
	Lettuce	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
Turnip		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	4	4	0		0	0	0	0	0
CORTEVA AGRISCIENCE MCS LLC, JOHNSTON (003H1J)										
Soybean		23	23	0		0	0	0	0	0
Compliance Rate:	100.0%	23	23	0		0	0	0	0	0
DISCOUNT SEEDS INC, WATERTOWN (0023F0)										
Rye		2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
DLF, ALBANY (002397)										
Mixture		4	3	1		0	0	0	0	0
Orchardgrass		1	1	0		0	0	0	0	0
Ryegrass, Perennial		1	1	0		0	0	0	0	0
Compliance Rate:	83.3%	6	5	1		0	0	0	0	0
DOMAIN OUTDOOR LLC, HUDSON (003WBD)										
Kale, Siberian		1	1	0		0	0	0	0	0
Turnip		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
DURALAWN, PERRYVILLE (004C3K)										
Mixture		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
EARL MAY SEED AND NURSERY, SHENANDOAH (002229)										
	Carrot	1	1	0		0	0	0	0	0
	Parsley	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
ELITE SEED LLC, GRAHAM (002H0J)										
	Soybean	5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
ELPAR STOCK & SEED FARM, VERSAILLES (0024BQ)										
	Barley	2	2	0		0	0	0	0	0
	Wheat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	3	3	0		0	0	0	0	0
EWING IRRIGATION, PHOENIX (00223N)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
FOSTERS INC dba LIFETIME SEED CO, EAST PEORIA (0022H4)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
GDM SEEDS INC, GIBSON CITY (0039D0)										
	Soybean	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
GLOBAL HARVEST FOODS, SEATTLE (0026N5)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
GRASS PAD INC, OLATHE (002AFW)										
	Mixture	5	4	1		0	0	0	0	0
Compliance Rate:	80.0%	5	4	1		0	0	0	0	0
GREEN GARDEN PRODUCTS, NORTON (003MPK)										
	Arugula	6	6	0		0	0	0	0	0
	Basil	2	2	0		0	0	0	0	0
	Bean, Garden	1	1	0		0	0	0	0	0
	Beet	16	16	0		0	0	0	0	0
	Bok Choi	1	1	0		0	0	0	0	0
	Broccoli	9	6	3		3	0	0	0	0
	Brussels-Sprouts	5	5	0		0	0	0	0	0
	Cabbage	9	9	0		0	0	0	0	0
	Carrot	40	39	1		1	0	0	0	0
	Celery	3	3	0		0	0	0	0	0
	Collards	3	3	0		0	0	0	0	0
	Corn, Sweet	1	1	0		0	0	0	0	0
	Cucumber	1	1	0		0	0	0	0	0
	Dill	9	9	0		0	0	0	0	0
	Endive	1	1	0		0	0	0	0	0
	Kale	18	14	4		4	0	0	0	0
	Kohlrabi	3	3	0		0	0	0	0	0
	Leek	4	4	0		0	0	0	0	0
	Lettuce	54	43	11		11	0	0	0	0
	Mesclun (Salad Mix)	5	3	2		2	0	0	0	0
	Microgreens	1	1	0		0	0	0	0	0
	Mixture	3	3	0		0	0	0	0	0
	Mustard	7	7	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Onion	26	10	16		16	0	0	0	0
	Parsley	6	2	4		4	0	0	0	0
	Parsnip	2	0	2		2	0	0	0	0
	Pepper	3	3	0		0	0	0	0	0
	Pepper, Hot	5	5	0		0	0	0	0	0
	Radish	21	21	0		0	0	0	0	0
	Rocket Herb	1	1	0		0	0	0	0	0
	Rutabaga	2	2	0		0	0	0	0	0
	Spinach	18	16	2		2	0	0	0	0
	Tomato	7	7	0		0	0	0	0	0
	Turnip	6	6	0		0	0	0	0	0
Compliance Rate:	84.9%									
		299	254	45		45	0	0	0	0
GREEN SEED COMPANY, SPRINGFIELD (0023BA)										
	Alfalfa	7	5	2		0	2	0	0	0
	Bahiagrass	1	0	1		1	0	0	0	0
	Barley	2	2	0		0	0	0	0	0
	Bean, Garden	1	1	0		0	0	0	0	0
	Beet, Sugar	1	1	0		0	0	0	0	0
	Bermudagrass	8	8	0		0	0	0	0	0
	Bluegrass, Kentucky	10	10	0		0	0	0	0	0
	Brome, Smooth	1	1	0		0	0	0	0	0
	Buckwheat	2	2	0		0	0	0	0	0
	Chufa	1	1	0		0	0	0	0	0
	Clover, Arrowleaf	1	1	0		0	0	0	0	0
	Clover, Balansa	1	0	1		0	1	0	0	0
	Clover, Berseem	1	1	0		0	0	0	0	0
	Clover, Crimson	6	6	0		0	0	0	0	0
	Clover, Ladino White	10	5	5		0	5	0	0	0
	Clover, Red	14	10	4		0	0	4	0	0
	Clover, Sweet Yellow	2	1	1		0	1	0	0	0
	Clover, White	9	9	0		0	0	0	0	0
	Collards	2	2	0		0	0	0	0	0
	Corn, Sweet	1	1	0		0	0	0	0	0
	Cowpea	5	5	0		0	0	0	0	0
	Crownvetch	1	1	0		0	0	0	0	0
	Eggplant	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Fescue, Chewings	1	1	0		0	0	0	0	0
	Fescue, Hard	1	0	1		0	1	0	0	0
	Fescue, Red	5	4	1		0	1	0	0	0
	Fescue, Tall	40	37	3		0	3	0	0	0
	Lab Lab	1	1	0		0	0	0	0	0
	Lespedeza, Korean	1	1	0		0	0	0	0	0
	Lettuce	5	5	0		0	0	0	0	0
	Millet, Browntop	2	2	0		0	0	0	0	0
	Millet, Japanese	2	2	0		0	0	0	0	0
	Millet, Pearl	4	4	0		0	0	0	0	0
	Mixture	48	41	7		1	4	2	0	0
	Mustard	2	2	0		0	0	0	0	0
	Oat	11	11	0		0	0	0	0	0
	Okra	1	1	0		0	0	0	0	0
	Orchardgrass	18	11	7		1	4	0	1	3
	Pea	1	1	0		0	0	0	0	0
	Pea, Field	7	7	0		0	0	0	0	0
	Pepper	1	1	0		0	0	0	0	0
	Radish	12	12	0		0	0	0	0	0
	Radish, Forage	2	2	0		0	0	0	0	0
	Redtop	3	3	0		0	0	0	0	0
	Rye	10	10	0		0	0	0	0	0
	Ryegrass, Annual	45	44	1		0	1	0	1	0
	Ryegrass, Intermediate	2	2	0		0	0	0	0	0
	Ryegrass, Perennial	19	18	1		0	1	0	0	0
	Sorghum	4	4	0		0	0	0	0	0
	Sorghum-Sudangrass Hybrid	16	16	0		0	0	0	0	0
	Spinach	2	2	0		0	0	0	0	0
	Squash, Autum-Winter	2	2	0		0	0	0	0	0
	Sunn Hemp	1	1	0		0	0	0	0	0
	Teff	1	1	0		0	0	0	0	0
	Timothy	5	5	0		0	0	0	0	0
	Trefoil, Birdsfoot	1	1	0		0	0	0	0	0
	Turnip	10	10	0		0	0	0	0	0
	Vetch, Hairy	8	8	0		0	0	0	0	0
	Watermelon	2	2	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germi-nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
		8	8	0		0	0	0	0	0
Compliance Rate:	91.1%	392	357	35		3	24	6	2	3
GREEN VALLEY SEED LLC, KAHOKA (0022XK)										
		1	1	0		0	0	0	0	0
		1	1	0		0	0	0	0	0
		1	1	0		0	0	0	0	0
		3	3	0		0	0	0	0	0
		1	1	0		0	0	0	0	0
		4	4	0		0	0	0	0	0
		1	1	0		0	0	0	0	0
		1	1	0		0	0	0	0	0
		2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	15	15	0		0	0	0	0	0
GROWMARK INC, BLOOMINGTON (002ADC)										
		8	8	0		0	0	0	0	0
Compliance Rate:	100.0%	8	8	0		0	0	0	0	0
HAAS SEED HOUSE, ALBERS (002ADB)										
		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
HELENA AGRI ENTERPRISES - ST JOSEPH, ST JOSEPH (0022CQ)										
		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
HERITAGE LANDSCAPE SUPPLY GROUP, McKinney (004570)										
Fescue, Chewings		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
HORIZON AG LLC, MEMPHIS (0023FY)										
Rice		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
IOWA COVER CROP, JEFFERSON (004CKV)										
Rape		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
JONATHAN GREEN & SONS INC, FARMINGDALE (00233N)										
Mixture		5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
JUNCTION FEED & SEED INC, CENTERVILLE (003JD7)										
Lettuce		1	1	0		0	0	0	0	0
Radish		1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
LA CROSSE FORAGE & TURF SEED LLC, LA CROSSE (002AMJ)										
Soybean		2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
LAKE VALLEY SEED INC, BOULDER (00229H)										
	Kohlrabi	1	1	0		0	0	0	0	0
	Lettuce	1	1	0		0	0	0	0	0
	Onion	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	3	3	0		0	0	0	0	0
LICK SKILLET SEEDS INC, GALLATIN (002342)										
	Bluestem, Little	1	1	0		1	0	0	0	0
	Clover, Red	1	1	0		0	0	0	0	0
	Cowpea	1	1	0		0	0	0	0	0
	Rye	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	4	4	0		1	0	0	0	0
LOGAN AGRI SERVICE INC, KNOX CITY (003D8N)										
	Collards	1	1	0		0	0	0	0	0
	Orchardgrass	1	1	0		0	0	0	0	0
	Pea, Field	1	1	0		0	0	0	0	0
	Rye	1	1	0		0	0	0	0	0
	Timothy	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
LOVELAND PRODUCTS, GREELEY (00229G)										
	Rice	2	2	0		0	0	0	0	0
	Soybean	26	25	1		1	0	0	0	0
Compliance Rate:	96.4%	28	27	1		1	0	0	0	0
MERSCHMAN SEEDS, WEST POINT (0022JY)										
	Wheat	7	7	0		0	0	0	0	0
Compliance Rate:	100.0%	7	7	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
MFA - RAY YOUNG - COLUMBIA, COLUMBIA (0002XV)										
	Brome, Smooth	1	0	1		0	0	0	1	0
	Buckwheat	1	0	1		1	0	0	0	0
	Mixture	2	1	1		0	1	0	0	0
	Oat	1	1	0		0	0	0	0	0
	Radish, Forage	1	1	0		0	0	0	0	0
	Rye	2	2	0		0	0	0	0	0
	Sorghum-Sudangrass Hybrid	2	2	0		0	0	0	0	0
	Soybean	9	9	0		0	0	0	0	0
	Triticale	1	1	0		0	0	0	0	0
	Wheat	2	2	0		0	0	0	0	0
Compliance Rate:	86.4%	22	19	3		1	1	0	1	0
MFA AGRI SERVICE - CALIFORNIA, CALIFORNIA (00249Y)										
	Sorghum-Sudangrass Hybrid	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
MFA AGRI SERVICE - MARSHFIELD, MARSHFIELD (0025Q2)										
	Ryegrass, Perennial	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
MFA FEED DISTRIBUTION CENTER, SEDALIA (0024JM)										
	Clover, Red	2	2	0		0	0	0	0	0
	Fescue, Tall	1	1	0		0	0	0	0	0
	Orchardgrass	3	2	1		0	0	0	1	0
	Rye	2	2	0		0	0	0	0	0
	Ryegrass, Annual	2	2	0		0	0	0	0	0
Compliance Rate:	90.0%	10	9	1		0	0	0	1	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
MFA INC SEED DIVISION, COLUMBIA (0022B1)										
	Alfalfa	1	1	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
	Sorghum-Sudangrass Hybrid	2	2	0		0	0	0	0	0
	Soybean	4	4	0		0	0	0	0	0
	Triticale	1	1	0		0	0	0	0	0
	Wheat	7	7	0		0	0	0	0	0
Compliance Rate:	100.0%	16	16	0		0	0	0	0	0
MILLBORN SEEDS INC, BROOKINGS (003AJ8)										
	Millet, Pearl	1	1	0		0	0	0	0	0
	Oat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
MISSOURI DEPARTMENT OF AGRICULTURE, JEFFERSON CITY (0027MZ)										
	Mixture	1	1	0		0	0	1	0	0
Compliance Rate:	100.0%	1	1	0		0	0	1	0	0
MISSOURI SOUTHERN SEED, ROLLA (0024KK)										
	Alfalfa	7	7	0		0	0	0	0	0
	Barley	1	1	0		0	0	0	0	0
	Beet, Sugar	2	2	0		0	0	0	0	0
	Bermudagrass	2	2	0		0	0	0	0	0
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
	Bluestem, Little	1	1	0		1	0	0	0	0
	Buckwheat	3	3	0		0	0	0	0	0
	Chicory	2	2	0		0	0	0	0	0
	Clover, Balansa	3	3	0		0	0	0	0	0
	Clover, Berseem	1	1	0		0	0	0	0	0
	Clover, Crimson	7	7	0		0	0	0	0	0
	Clover, Ladino White	7	7	0		0	0	0	0	0
	Clover, Persian	1	1	0		0	0	0	0	0

					Type of Violation					
					Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop	
					Lots Inspected	Lots Passed	Lots In Violation			
	Clover, Red	10	10	0	0	0	0	0	0	
	Clover, White	5	5	0	0	0	0	0	0	
	Collards	2	2	0	0	0	0	0	0	
	Cowpea	2	2	0	0	0	0	0	0	
	Fescue, Red	1	0	1	0	1	0	0	0	
	Fescue, Tall	40	37	3	0	2	0	0	2	
	Festulolium	5	5	0	0	0	0	0	0	
	Indiangrass	1	1	0	0	0	0	0	0	
	Kale	1	1	0	0	0	0	0	0	
	Lespedeza, Korean	3	3	0	0	0	0	0	0	
	Millet	1	1	0	0	0	0	0	0	
	Millet, German Foxtail	2	2	0	0	0	0	0	0	
	Millet, Japanese	3	3	0	0	0	0	0	0	
	Millet, Pearl	6	6	0	0	0	0	0	0	
	Millet, Proso	1	1	0	0	0	0	0	0	
	Mixture	34	32	2	0	1	0	0	0	
	Oat	20	20	0	0	0	0	0	0	
	Oat, Black	2	2	0	0	0	0	0	0	
	Orchardgrass	17	15	2	0	1	0	0	1	
	Pea, Field	3	3	0	0	0	0	0	0	
	Radish	1	1	0	0	0	0	0	0	
	Radish, Forage	4	4	0	0	0	0	0	0	
	Rape	1	1	0	0	0	0	0	0	
	Redtop	4	4	0	0	0	0	0	0	
	Rye	45	45	0	0	0	0	0	0	
	Ryegrass, Annual	12	11	1	0	1	0	0	1	
	Ryegrass, Intermediate	5	5	0	0	0	0	0	0	
	Ryegrass, Italian	1	1	0	0	0	0	0	0	
	Ryegrass, Perennial	11	9	2	0	2	0	0	0	
	Sorghum	7	7	0	0	0	0	0	0	
	Sorghum-Sudangrass Hybrid	21	21	0	0	0	0	0	0	
	Soybean	4	4	0	0	0	0	0	0	
	Sunflower	2	2	0	0	0	0	0	0	
	Sunn Hemp	3	3	0	0	0	0	0	0	
	Timothy	7	7	0	0	0	0	0	0	
	Triticale	7	7	0	0	0	0	0	0	
	Turnip	7	7	0	0	0	0	0	0	
	Turnip Rape	1	1	0	0	0	0	0	0	

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germi-nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Vetch, Hairy	2	2	0		0	0	0	0	0
	Wheat	31	31	0		0	0	0	0	0
Compliance Rate:	97.1%	373	362	11		1	8	0	0	4

MORGAN COUNTY SEEDS, BARNETT (00039X)

	Artichoke	1	0	1		1	0	0	0	0
	Asparagus	1	1	0		0	0	0	0	0
	Bean, Garden	1	1	0		0	0	0	0	0
	Beet	6	6	0		0	0	0	0	0
	Broccoli	2	2	0		0	0	0	0	0
	Brussels-Sprouts	1	1	0		0	0	0	0	0
	Cabbage	6	6	0		0	0	0	0	0
	Cabbage, Chinese	1	1	0		0	0	0	0	0
	Cantaloupe	1	1	0		0	0	0	0	0
	Carrot	1	1	0		0	0	0	0	0
	Cauliflower	2	2	0		0	0	0	0	0
	Celery	1	1	0		0	0	0	0	0
	Cilantro	1	1	0		0	0	0	0	0
	Collards	1	1	0		0	0	0	0	0
	Cucumber	2	2	0		0	0	0	0	0
	Dill	1	1	0		0	0	0	0	0
	Kale	1	1	0		0	0	0	0	0
	Kohlrabi	1	1	0		0	0	0	0	0
	Leek	1	1	0		0	0	0	0	0
	Lettuce	3	3	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
	Mustard	1	1	0		0	0	0	0	0
	Okra	2	2	0		0	0	0	0	0
	Onion	1	1	0		0	0	0	0	0
	Pak-choi	1	1	0		0	0	0	0	0
	Parsley	1	1	0		0	0	0	0	0
	Parsnip	1	1	0		0	0	0	0	0
	Pea, Garden	1	1	0		0	0	0	0	0
	Pepper	3	3	0		0	0	0	0	0
	Pepper, Hot	5	5	0		0	0	0	0	0
	Radish	3	3	0		0	0	0	0	0
	Spinach	3	3	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Squash, Autum-Winter	1	1	0		0	0	0	0	0
	Swiss Chard	2	2	0		0	0	0	0	0
	Watermelon	2	2	0		0	0	0	0	0
Compliance Rate:	98.4%	63	62	1		1	0	0	0	0
MOSSY OAK BIOLOGIC, WEST POINT (002AK5)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
MOUNTAIN VIEW SEEDS LTD, SALEM (002396)										
	Mixture	5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
MS TECHNOLOGIES LLC, WEST POINT (003BPY)										
	Soybean	5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
NECO SEED INC, GARDEN CITY (0022Q1)										
	Soybean	14	14	0		0	0	0	0	0
Compliance Rate:	100.0%	14	14	0		0	0	0	0	0
NIXA HARDWARE AND SEED CO, NIXA (0022WP)										
	Fescue, Tall	2	2	0		0	0	0	0	0
	Mixture	1	0	1		0	1	0	0	0
Compliance Rate:	66.7%	3	2	1		0	1	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
PAGE SEED COMPANY, GREENE (00369V)										
	Lettuce	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
PAUL PARSONS, ALBANY (00239F)										
	Buckwheat	1	0	1		1	0	0	0	0
	Rye	1	1	0		0	0	0	0	0
Compliance Rate:	50.0%	2	1	1		1	0	0	0	0
PENNINGTON SEED INC, GREENFIELD (002335)										
	Mixture	253	239	14		10	4	0	0	3
	Ryegrass, Annual	7	6	1		0	1	0	0	0
	Ryegrass, Perennial	2	2	0		0	0	0	0	0
Compliance Rate:	94.3%	262	247	15		10	5	0	0	3
PERFORMANCE SEED, SEATTLE (0022Y3)										
	Mixture	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
PETRUS SEED & GRAIN CO INC, HAZEN (002AC9)										
	Oat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
PIONEER HI-BRED INTERNATIONAL, NEW MADRID (002B10)										
	Soybean	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
PIONEER HI-BRED INTERNATIONAL INC, JOHNSTON (00221B)										
	Corn, Field	1	1	0		0	0	0	0	0
	Soybean	369	369	0		0	0	0	0	0
	Wheat	4	4	0		0	0	0	0	0
Compliance Rate:	100.0%	374	374	0		0	0	0	0	0
PRINCE CORPORATION, MARSHFIELD (002715)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
RENEES GARDEN, FELTON (00482K)										
	Kale	1	1	0		0	0	0	0	0
	Lettuce	1	1	0		0	0	0	0	0
	Spinach	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	3	3	0		0	0	0	0	0
RICETEC INC, ALVIN (002AM4)										
	Rice	4	4	0		0	0	0	0	0
Compliance Rate:	100.0%	4	4	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
ROSE AGRI-SEED INC dba PURE SEED, CANBY (003Y4N)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
SCOTTS COMPANY, MARYSVILLE (00223B)										
	Mixture	12	10	2		0	0	0	0	0
Compliance Rate:	83.3%	12	10	2		0	0	0	0	0
SHAWNEETOWN FEED & SEED CO, JACKSON (00222Q)										
	Bean, Garden	1	1	0		0	0	0	0	0
	Cantaloupe	1	1	0		0	0	0	0	0
	Cucumber	1	1	0		0	0	0	0	0
	Okra	1	1	0		0	0	0	0	0
	Pepper	1	1	0		0	0	0	0	0
	Pumpkin, common	2	2	0		0	0	0	0	0
	Watermelon	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	8	8	0		0	0	0	0	0
SOIL SERVICE GARDEN CENTER INC, KANSAS CITY (0023JY)										
	Mixture	3	2	1		1	0	0	0	0
	Ryegrass, Annual	1	1	0		0	0	0	0	0
Compliance Rate:	75.0%	4	3	1		1	0	0	0	0
STINE SEED COMPANY INC, ADEL (0022JZ)										
	Soybean	26	26	0		0	0	0	0	0
Compliance Rate:	100.0%	26	26	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
STROBEL SEED, CONCORDIA (002417)										
	Wheat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
SYNGENTA SEEDS LLC, SLATER (00221W)										
	Corn, Field	1	1	0		0	0	0	0	0
	Soybean	26	25	1		1	0	0	0	0
Compliance Rate:	96.3%	27	26	1		1	0	0	0	0
TRICAL SUPERIOR FORAGE, BUTTE (004FH8)										
	Triticale	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
TRI-STAR SEED COMPANY, SPRING HILL (0022N3)										
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
	Ryegrass, Annual	3	3	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
W ATLEE BURPEE CO dba BURPEE GARDEN PRODUCTS, WARMINSTER (002235)										
	Arugula	1	1	0		0	0	0	0	0
	Bachelor's Button	1	1	0		0	0	0	0	0
	Bean, Garden	3	3	0		0	0	0	0	0
	Beet	6	6	0		0	0	0	0	0
	Bok Choi	1	1	0		0	0	0	0	0
	Broccoli	6	6	0		0	0	0	0	0
	Brussels-Sprouts	1	1	0		0	0	0	0	0
	Cabbage	2	2	0		0	0	0	0	0
	Carrot	13	13	0		0	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
WHITE HARVEST SEED COMPANY LLC, HARTVILLE (0025VG)										
	Tomato	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
WHITETAIL GREENS LLC, SILVA (002GWP)										
	Mixture	10	10	0		0	0	0	0	0
Compliance Rate:	100.0%	10	10	0		0	0	0	0	0
WILLCROSS SEED INC - GARDEN CITY, GARDEN CITY (002BCQ)										
	Soybean	5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
WILLIAMS LAWN SEED CO, MARYVILLE (0024F0)										
	Bluegrass, Kentucky	3	3	0		0	0	0	0	0
	Fescue, Red	1	1	0		0	0	0	0	0
	Rye	1	1	0		0	0	0	0	0
	Ryegrass, Perennial	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	6	6	0		0	0	0	0	0
WINFIELD SOLUTIONS LLC, ST PAUL (00222A)										
	Mixture	6	6	0		0	0	0	0	0
	Soybean	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	7	7	0		0	0	0	0	0
Overall Totals:		2786	2646	140		82	41	7	4	11

Plant Industries Division
Missouri Department of Agriculture
P.O. Box 630
Jefferson City, Missouri 65102