

2019 SUMMARY REPORT

Commercial Seed Inspections



PLANT INDUSTRIES DIVISION
BUREAU OF FEED AND SEED

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 2019 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, Bureau of Feed and Seed, is pleased to publish the 2019 Seed Summary Report and Inspection Results.

In 2019, the bureau officially sampled and tested 2,820 lots of seed. As a result of seed failing to meet its labeled guarantees, 177 stop-sale orders were issued. This resulted in a compliance rate of 93.72 percent compared to 93.69 percent in 2018.

The Missouri Seed Control Laboratory tested 257 service samples in 2019. A total of 3,077 official and service samples were tested in 2019 resulting in a total of 4,812 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 will 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 Bureau of Feed and Seed offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

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

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

**Email: FSTT@mda.mo.gov
(573) 751-4310 Office; (573)751-5500 Fax
(573) 751-4340 Seed Laboratory**

Or visit our Web site at <http://agriculture.mo.gov/plants/seed/>

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BUREAU OF FEED AND SEED
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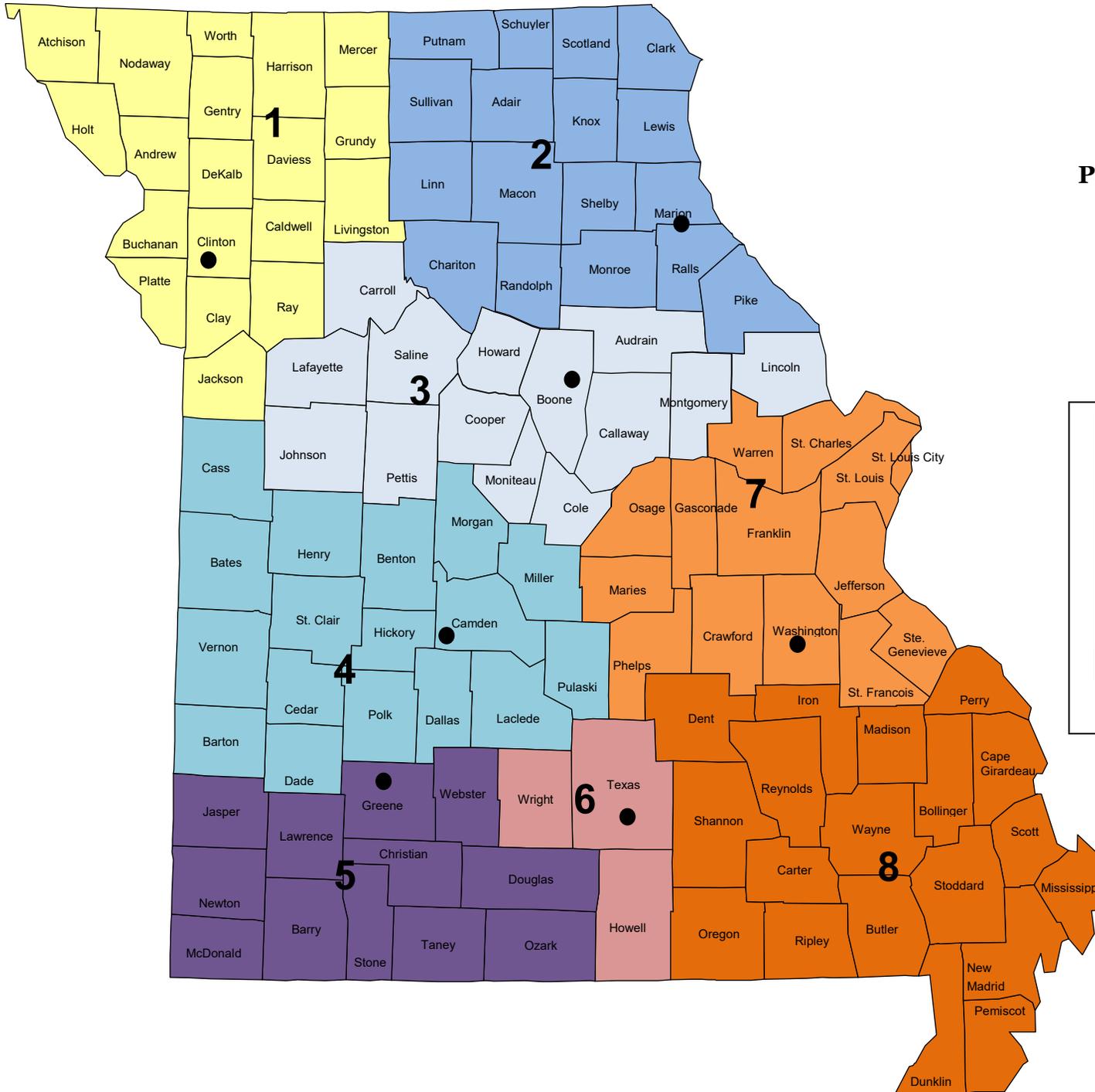
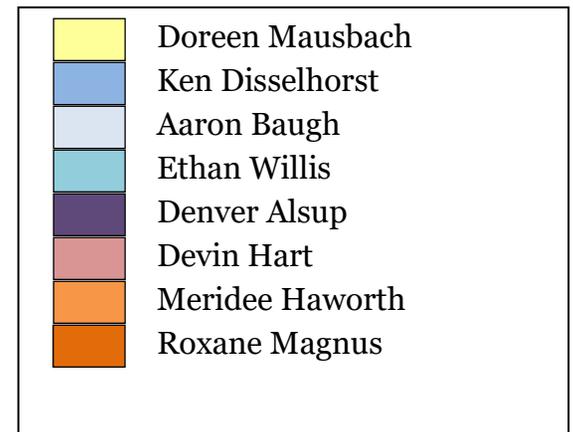
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Feed and Seed Inspectors

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Plant Industries Division
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(573) 751-5501

Field Staff



SAMPLES ANALYZED FOR 2019

OFFICIAL SAMPLES ANALYZED			2,820
	Germination	2,833	
	Noxious Weed	780	
	Purity	721	
	Sand	21	
	Tetrazolium	0	
	Retests Performed	165	
TOTAL NUMBER OF LOTS IN VIOLATION			177
TOTAL OFFICIAL TESTS PERFORMED			4,520
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED			93.72%
SERVICE SAMPLES ANALYZED			257
	Germination	229	
	Noxious Weed	37	
	Purity	25	
	Tetrazolium (TZ) Test	0	
	Retests Performed	0	
TOTAL SERVICE SAMPLE TESTS PERFORMED			292
TOTAL SAMPLES			3,077
TOTAL TESTS PERFORMED			4,812
SEED PERMITS ISSUED			4,022

Information on samples, inspection of seeds, or service samples is available from the Bureau of Feed and Seed, 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>
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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
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SECTION ONE

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
ARMOR SEED, JONESBORO (003330)										
Soybean		6	6	0		0	0	0	0	0
Compliance Rate:	100.0%	6	6	0		0	0	0	0	0
BAKER CREEK HEIRLOOM SEEDS, MANSFIELD (0025V7)										
Beet		4	4	0		0	0	0	0	0
Broccoli		4	4	0		0	0	0	0	0
Brussels-Sprouts		4	4	0		0	0	0	0	0
Cabbage		4	4	0		0	0	0	0	0
Carrot		6	6	0		0	0	0	0	0
Cauliflower		4	4	0		0	0	0	0	0
Celery		4	4	0		0	0	0	0	0
Kale		2	2	0		0	0	0	0	0
Leek		2	2	0		0	0	0	0	0
Lettuce		4	4	0		0	0	0	0	0
Onion		4	4	0		0	0	0	0	0
Radish		4	4	0		0	0	0	0	0
Spinach		2	2	0		0	0	0	0	0
Turnip		2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	50	50	0		0	0	0	0	0
BARENBRUG USA, TANGENT (002ABQ)										
Bluegrass, Kentucky		2	2	0		0	0	0	0	0
Fescue, Tall		1	0	1		0	1	0	0	1
Mixture		28	24	4		2	1	0	0	0
Compliance Rate:	83.9%	31	26	5		2	2	0	0	1
BASF CORPORATION, RESEARCH TRIANGLE PARK (0038FB)										
Cotton		1	1	0		0	0	0	0	0
Soybean		3	3	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
BAYER CROPSCIENCE, ST LOUIS (003B54)									
Soybean		81	81	0	0	0	0	0	0
Compliance Rate:	100.0%	81	81	0	0	0	0	0	0
BAYER CROPSCIENCE LP, ST. LOUIS (001MJ9)									
Soybean		30	30	0	0	0	0	0	0
Compliance Rate:	100.0%	30	30	0	0	0	0	0	0
BEACHNER SEED COMPANY, ST PAUL (0035VB)									
Mixture		3	3	0	0	0	0	0	0
Compliance Rate:	100.0%	3	3	0	0	0	0	0	0
BECKS SUPERIOR HYBRIDS INC, ATLANTA (0022J8)									
Soybean		14	13	1	1	0	0	0	0
Compliance Rate:	92.9%	14	13	1	1	0	0	0	0
BELT FUR WOOL & SEED CO, LEONARD (0025GX)									
Wheat		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
BOLLINGER COUNTY COOP, MARBLE HILL (0000M0)									
Bluegrass, Kentucky		1	1	0	0	0	0	0	0
Clover, Red		1	1	0	0	0	0	0	0
Okra		1	1	0	0	0	0	0	0
Squash		1	1	0	0	0	0	0	0
Wheat		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	5	5	0	0	0	0	0	0
BUCHHEIT INC - PERRYVILLE, PERRYVILLE (002240)									
Clover, Crimson		1	1	0	0	0	0	0	0
Fescue, Tall		4	1	3	0	1	3	0	1

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
BUCHHEIT INC - PERRYVILLE, PERRYVILLE (002240) CONTINUED										
	Orchardgrass	1	1	0		0	0	0	0	0
	Ryegrass, Annual	1	1	0		0	0	0	0	0
	Wheat	2	2	0		0	0	0	0	0
	Wheat, Red	1	1	0		0	0	0	0	0
Compliance Rate:	70.0%					0	1	3	0	1
BWI COMPANIES INC, SPRINGFIELD (0023AD)										
	Fescue, Tall	1	1	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
	Ryegrass	1	1	0		0	0	0	0	0
	Ryegrass, Annual	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%					0	0	0	0	0
BWI COMPANIES INC (DO NOT USE), TEXARKANA (002AC0)										
	Fescue, Tall	1	1	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%					0	0	0	0	0
CACHE RIVER VALLEY, CASH (002AC2)										
	Rice	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%					0	0	0	0	0
CENTRAL STATES WHOLESALE, PERRYVILLE (0027F8)										
	Clover, Red	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%					0	0	0	0	0
CHAMPION SEED, ELLSWORTH (0038C0)										
	Soybean	1	0	1		1	0	0	0	0
Compliance Rate:	0.0%					1	0	0	0	0

					Type of Violation				
		Lots Inspected	Lots Passed	Lots In Violation	Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
ELITE SEED LLC, GRAHAM (002H0J)									
		Soybean	2	2	0	0	0	0	0
Compliance Rate:	100.0%		2	2	0	0	0	0	0
ELPAR STOCK & SEED FARM, VERSAILLES (0024BQ)									
		Barley	1	1	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0
FELDMANS FARM & HOME, LIBERTY (001WAX)									
		Fescue, Red	1	1	0	0	0	0	0
		Fescue, Tall	1	1	0	0	0	0	0
		Mixture	1	1	0	0	0	0	0
		Ryegrass, Annual	1	1	0	0	0	0	0
Compliance Rate:	100.0%		4	4	0	0	0	0	0
GAYLAND WARD SEED CO INC, HEREFORD (0034P2)									
		Sorghum-Sudangrass Hybrid	1	1	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0
GRASS PAD WAREHOUSE, OLATHE (002AFW)									
		Fescue, Tall	1	1	0	0	0	0	0
		Mixture	19	16	3	1	2	0	0
		Ryegrass, Annual	1	1	0	0	0	0	0
Compliance Rate:	85.7%		21	18	3	1	2	0	0
GREEN SEED COMPANY, SPRINGFIELD (0023BA)									
		Alfalfa	10	10	0	0	0	0	0
		Arugula	1	1	0	0	0	0	0
		Bahiagrass	1	1	0	0	0	0	0
		Bean, Garden	1	1	0	0	0	0	0
		Beet, Sugar	2	1	1	1	0	0	0
		Bluegrass, Kentucky	11	10	1	0	1	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
GREEN SEED COMPANY, SPRINGFIELD (0023BA) CONTINUED										
	Brome, Smooth	3	3	0		0	0	0	0	0
	Buckwheat	5	5	0		0	0	0	0	0
	Bush Green Bean	4	4	0		0	0	0	0	0
	Chicory	2	2	0		0	0	0	0	0
	Clover, Alsike	2	1	1		0	1	0	0	0
	Clover, Arrowleaf	2	2	0		0	0	0	0	0
	Clover, Crimson	4	4	0		0	0	0	0	0
	Clover, Ladino White	12	12	0		0	0	0	0	0
	Clover, Red	14	12	2		0	1	1	0	0
	Clover, Sweet White	1	1	0		0	0	0	0	0
	Clover, Sweet Yellow	3	3	0		0	0	0	0	0
	Clover, White	12	9	3		1	2	0	0	0
	Collards	2	2	0		0	0	0	0	0
	Corn, Sweet	12	12	0		0	0	0	0	0
	Cowpea	3	3	0		0	0	0	0	0
	Crabgrass	2	2	0		0	0	0	0	0
	Crown vetch	2	2	0		0	0	0	0	0
	Cucumber	1	1	0		0	0	0	0	0
	Eggplant	1	1	0		0	0	0	0	0
	Fescue, Hard	2	2	0		0	0	0	0	0
	Fescue, Red	1	1	0		0	0	0	0	0
	Fescue, Tall	52	49	3		0	0	0	1	2
	Hairy Vetch	6	6	0		0	0	0	0	0
	Kale	1	1	0		0	0	0	0	0
	Lespedeza, Korean	6	5	1		0	0	0	1	0
	Lima Bean	1	1	0		0	0	0	0	0
	Millet, Browntop	4	4	0		1	0	0	0	0
	Millet, German Foxtail	3	3	0		0	0	0	0	0
	Millet, Japanese	5	5	0		0	0	0	0	0
	Millet, Pearl	5	5	0		0	0	0	0	0
	Mixture	25	25	0		0	0	0	0	0
	Oat	38	37	1		1	0	0	0	0
	Okra	1	1	0		0	0	0	0	0
	Orchardgrass	20	18	2		1	1	0	0	1
	Pea, Field	4	4	0		0	0	0	0	0
	Radish	5	5	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
GREEN SEED COMPANY, SPRINGFIELD (0023BA) CONTINUED										
	Radish, Forage	4	4	0		0	0	0	0	0
	Rape	6	6	0		0	0	0	0	0
	Redtop	1	1	0		0	0	0	0	0
	Reed Canarygrass	3	3	0		0	0	0	0	0
	Rescue Grass - Prairie Brome	1	1	0		0	0	0	0	0
	Rutabaga	1	1	0		0	0	0	0	0
	Rye	15	15	0		0	0	0	0	0
	Ryegrass, Annual	30	30	0		0	0	0	0	0
	Ryegrass, Perennial	8	8	0		0	0	0	0	0
	Sage	1	1	0		0	0	0	0	0
	Sorghum	5	4	1		1	0	0	0	0
	Sorghum-Sudangrass Hybrid	35	34	1		1	0	0	0	0
	Soybean	6	6	0		0	0	0	0	0
	Spinach	3	3	0		0	0	0	0	0
	Sunflower	2	2	0		0	0	0	0	0
	Swiss Chard	2	2	0		0	0	0	0	0
	Teff	2	2	0		0	0	0	0	0
	Thyme	1	1	0		0	0	0	0	0
	Timothy	1	1	0		0	0	0	0	0
	Tomatillo	1	1	0		0	0	0	0	0
	Tomato	6	6	0		0	0	0	0	0
	Triticale	3	3	0		0	0	0	0	0
	Turnip	8	7	1		1	0	0	0	0
	Watermelon	1	1	0		0	0	0	0	0
	Wheat	15	15	0		0	0	0	0	0
Compliance Rate:	96.0%	453	435	18		8	6	1	2	3
GREEN VALLEY SEED LLC, KAHOKA (0022XK)										
	Oat	2	2	0		0	0	0	0	0
	Rye	1	1	0		0	0	0	0	0
	Soybean	3	3	0		0	0	0	0	0
Compliance Rate:	100.0%	6	6	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)										
	Lettuce	1	0	1		1	0	0	0	0
	Rutabaga	1	1	0		0	0	0	0	0
Compliance Rate:	50.0%	2	1	1		1	0	0	0	0
LATHROP FSG LLC, LATHROP (002ZA8)										
	Soybean	2	1	1		1	0	0	0	0
Compliance Rate:	50.0%	2	1	1		1	0	0	0	0
LEBANON SEABOARD CORP, LEBANON (001KWW)										
	Mixture	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%	2	2	0		0	0	0	0	0
LESCO INC, CLEVELAND (002227)										
	Mixture	3	3	0		1	0	0	0	0
	Ryegrass, Intermediate	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	4	4	0		1	0	0	0	0
LEWIS HYBRIDS INC, URSA (0022GV)										
	Soybean	22	22	0		0	0	0	0	0
Compliance Rate:	100.0%	22	22	0		0	0	0	0	0
LIVINGSTON SEED CO, COLUMBUS (00236M)										
	Bean, Garden	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	1	1	0		0	0	0	0	0
LOVELAND PRODUCTS, GREELEY (00229G)										
	Corn, Field	1	1	0		0	0	0	0	0
	Cotton	2	2	0		0	0	0	0	0
	Soybean	30	29	1		1	0	0	0	0
	Wheat	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
LOVELAND PRODUCTS, GREELEY (00229G) CONTINUED										
Compliance Rate:	97.1%		35	34	1	1	0	0	0	0
MERSCHMAN SEEDS INC, WEST POINT (0022JY)										
	Soybean	2	2	0		0	0	0	0	0
Compliance Rate:	100.0%		2	2	0	0	0	0	0	0
MFA AGRI SERVICE - JACKSON, JACKSON (0002Z3)										
	Millet, Pearl	1	1	0		0	0	0	0	0
	Radish, Forage	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		2	2	0	0	0	0	0	0
MFA INC SEED DIVISION, COLUMBIA (0022B1)										
	Alfalfa	2	2	0		0	0	0	0	0
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
	Clover, Crimson	1	1	0		0	0	0	0	0
	Clover, Ladino White	1	1	0		0	0	0	0	0
	Fescue, Red	1	1	0		0	0	0	0	0
	Fescue, Tall	3	3	0		0	0	0	0	0
	Hairy Vetch	1	1	0		0	0	0	0	0
	Millet, Browntop	1	1	0		0	0	0	0	0
	Millet, Pearl	1	1	0		0	0	0	0	0
	Mixture	2	1	1		0	0	1	0	0
	Orchardgrass	1	1	0		0	0	0	0	0
	Radish, Forage	1	1	0		0	0	0	0	0
	Redtop	1	1	0		0	0	0	0	0
	Ryegrass, Annual	2	2	0		0	0	0	0	0
	Soybean	35	34	1		1	0	0	0	0
	Timothy	2	2	0		0	0	0	0	0
	Trefoil, Birdsfoot	1	1	0		0	0	0	0	0
	Wheat	11	11	0		0	0	0	0	0
Compliance Rate:	97.1%		68	66	2	1	0	1	0	0

					Type of Violation				
		Lots Inspected	Lots Passed	Lots In Violation	Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
MFA SEED DISTRIBUTION CENTER, SEDALIA (0024JM)									
	Alfalfa	1	1	0	0	0	0	0	0
	Fescue, Tall	1	1	0	0	0	0	0	0
	Orchardgrass	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	3	3	0	0	0	0	0	0
MILLBORN SEEDS INC, BROOKINGS (003AJ8)									
	Sudangrass	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
MISSION SEED SOLUTIONS LLC, LOVELAND (002QHX)									
	Soybean	2	2	0	0	0	0	0	0
Compliance Rate:	100.0%	2	2	0	0	0	0	0	0
MISSOURI SOUTHERN SEED, ROLLA (0024KK)									
	Alfalfa	6	5	1	0	0	1	0	0
	Bermudagrass	1	1	0	0	0	0	0	0
	Bluegrass, Kentucky	4	4	0	0	0	0	0	0
	Brassica	1	1	0	0	0	0	0	0
	Brome, Smooth	1	1	0	0	0	0	0	0
	Buckwheat	5	5	0	0	0	0	0	0
	Chicory	2	2	0	0	0	0	0	0
	Chufa	1	1	0	0	0	0	0	0
	Clover	1	1	0	0	0	0	0	0
	Clover, Balansa	3	3	0	0	0	0	0	0
	Clover, Berseem	2	2	0	0	0	0	0	0
	Clover, Crimson	8	8	0	0	0	0	0	0
	Clover, Ladino White	3	3	0	0	0	0	0	0
	Clover, Red	23	23	0	0	0	0	0	0
	Clover, White	3	2	1	0	1	0	0	0
	Cowpea	2	2	0	0	0	0	0	0
	Crimson Clover	1	1	0	0	0	0	0	0
	Fescue, Red	2	2	0	0	0	0	0	0
	Fescue, Tall	46	44	2	0	2	0	0	2

					Type of Violation					
					Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop	
					Lots Inspected	Lots Passed	Lots In Violation			
MISSOURI SOUTHERN SEED, ROLLA (0024KK) CONTINUED										
	Hairy Vetch	1	1	0	0	0	0	0	0	0
	Lab Lab	1	1	0	0	0	0	0	0	0
	Lespedeza	1	1	0	0	0	0	0	0	0
	Lespedeza, Korean	1	1	0	0	0	0	0	0	0
	Lespedeza, Sericea	1	1	0	0	0	0	0	0	0
	Millet, Browntop	1	1	0	0	0	0	0	0	0
	Millet, Japanese	3	3	0	0	0	0	0	0	0
	Millet, Pearl	8	8	0	0	0	0	0	0	0
	Millet, Proso	2	2	0	0	0	0	0	0	0
	Mixture	36	32	4	2	1	0	0	0	2
	Oat	1	1	0	0	0	0	0	0	0
	Orchardgrass	7	6	1	0	1	0	0	0	0
	Pea, Field	5	5	0	0	0	0	0	0	0
	Radish	4	4	0	0	0	0	0	0	0
	Radish, Forage	3	3	0	0	0	0	0	0	0
	Rape	4	4	0	0	0	0	0	0	0
	Redtop	1	1	0	0	0	0	0	0	0
	Reed Canarygrass	1	0	1	1	0	0	0	0	0
	Rye	4	4	0	0	0	0	0	0	0
	Ryegrass	1	1	0	0	0	0	0	0	0
	Ryegrass, Annual	11	11	0	0	0	0	0	0	0
	Ryegrass, Intermediate	14	14	0	0	0	0	0	0	0
	Ryegrass, Italian	1	1	0	0	0	0	0	0	0
	Ryegrass, Perennial	10	9	1	0	1	0	0	0	0
	Sorghum	6	6	0	0	0	0	0	0	0
	Sorghum-Sudangrass Hybrid	25	25	0	0	0	0	0	0	0
	Soybean	1	1	0	0	0	0	0	0	0
	Sudangrass	1	1	0	0	0	0	0	0	0
	Sunflower	2	2	0	0	0	0	0	0	0
	Sunn Hemp	1	1	0	0	0	0	0	0	0
	Teff	5	5	0	0	0	0	0	0	0
	Timothy	8	7	1	0	0	1	0	0	0
	Trefoil, Birdsfoot	2	2	0	0	0	0	0	0	0
	Turnip	8	8	0	0	0	0	0	0	0
	Vetch, Common	1	1	0	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	
MISSOURI SOUTHERN SEED, ROLLA (0024KK) CONTINUED											
Compliance Rate:	96.0%		297	285	12		3	6	2	0	4
MONSANTO COMPANY, ST LOUIS (00221V)											
	Corn, Field	3	3	0		0	0	0	0	0	0
	Cotton	6	6	0		0	0	0	0	0	0
	Soybean	403	389	14		24	0	0	0	0	0
Compliance Rate:	96.6%		412	398	14		24	0	0	0	0
MOONIER FLORIST & GREENHOUSE, PERRYVILLE (0024J1)											
	Collards	1	1	0		0	0	0	0	0	0
	Kohlrabi	1	1	0		0	0	0	0	0	0
	Radish	1	1	0		0	0	0	0	0	0
Compliance Rate:	100.0%		3	3	0		0	0	0	0	0
MORGAN COUNTY SEEDS, BARNETT (00039X)											
	Amaranthus	1	1	0		0	0	0	0	0	0
	Basil	2	2	0		0	0	0	0	0	0
	Bean, Garden	1	1	0		0	0	0	0	0	0
	Bean, Snap	3	3	0		0	0	0	0	0	0
	Beet	7	7	0		0	0	0	0	0	0
	Broccoli	3	3	0		0	0	0	0	0	0
	Broomcorn	1	0	1		1	0	0	0	0	0
	Brussels-Sprouts	1	1	0		0	0	0	0	0	0
	Bush Green Bean	1	1	0		0	0	0	0	0	0
	Cabbage	3	3	0		0	0	0	0	0	0
	Cabbage, Chinese	2	2	0		0	0	0	0	0	0
	Carrot	1	1	0		0	0	0	0	0	0
	Cauliflower	3	2	1		1	0	0	0	0	0
	Celery	1	1	0		0	0	0	0	0	0
	Chives	1	0	1		1	0	0	0	0	0
	Chives, Garlic	1	1	0		0	0	0	0	0	0
	Collards	1	1	0		0	0	0	0	0	0
	Corn	3	3	0		0	0	0	0	0	0
	Corn, Sweet	1	1	0		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
MORGAN COUNTY SEEDS, BARNETT (00039X) CONTINUED										
	Cowpea	1	1	0		0	0	0	0	0
	Eggplant	2	2	0		0	0	0	0	0
	Fava Bean	1	1	0		0	0	0	0	0
	Fennel	1	1	0		0	0	0	0	0
	Kale	3	3	0		0	0	0	0	0
	Kohlrabi	1	1	0		0	0	0	0	0
	Lettuce	6	6	0		0	0	0	0	0
	Lima Bean	4	4	0		0	0	0	0	0
	Okra	1	1	0		0	0	0	0	0
	Parsley	1	1	0		0	0	0	0	0
	Parsnip	2	2	0		0	0	0	0	0
	Pea	3	3	0		0	0	0	0	0
	Pea, Field	1	1	0		0	0	0	0	0
	Pepper	3	2	1		1	0	0	0	0
	Pepper, Habanero	2	2	0		0	0	0	0	0
	Pepper, Hot	3	3	0		0	0	0	0	0
	Popcorn	1	1	0		0	0	0	0	0
	Radish	2	2	0		0	0	0	0	0
	Salsify	1	1	0		0	0	0	0	0
	Savory, Summer	1	1	0		0	0	0	0	0
	Shell Bean	2	2	0		0	0	0	0	0
	Shell Pea	1	1	0		0	0	0	0	0
	Snap Pea	3	3	0		0	0	0	0	0
	Spinach	3	3	0		0	0	0	0	0
	Sweet Corn	7	6	1		1	0	0	0	0
	Tomato	5	5	0		0	0	0	0	0
	Turnip	1	1	0		0	0	0	0	0
	Wax Bean	1	1	0		0	0	0	0	0
Compliance Rate:	95.0%	100	95	5		5	0	0	0	0
NECO SEED FARMS INC, GARDEN CITY (0022Q1)										
	Soybean	48	44	4		4	0	0	0	0
Compliance Rate:	91.7%	48	44	4		4	0	0	0	0

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
NIXA HARDWARE AND SEED CO, NIXA (0022WP)										
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
	Brome, Smooth	1	1	0		0	0	0	0	0
	Clover, Ladino White	1	1	0		0	0	0	0	0
	Clover, White	1	1	0		0	0	0	0	0
	Crabgrass	1	1	0		0	0	0	0	0
	Fescue, Tall	3	3	0		0	0	0	0	0
	Mixture	1	1	0		0	0	0	0	0
	Ryegrass, Annual	1	1	0		0	0	0	0	0
	Timothy	2	2	0		0	0	0	0	0
	Turnip	2	2	0		0	0	0	0	0
	Wheat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	15	15	0		0	0	0	0	0
NUTECH SEED, AMES (0022KP)										
	Soybean	5	5	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
PAGE SEED COMPANY, GREENE (00369V)										
	Broccoli	1	1	0		0	0	0	0	0
	Carrot	1	1	0		0	0	0	0	0
	Kale	1	1	0		0	0	0	0	0
	Lettuce	1	1	0		0	0	0	0	0
	Turnip	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	5	5	0		0	0	0	0	0
PENNINGTON SEED INC, GREENFIELD (002335)										
	Fescue, Tall	66	60	6		4	0	1	1	1
	Mixture	130	118	12		3	2	0	0	8
	Ryegrass, Annual	1	1	0		0	0	0	0	0
Compliance Rate:	90.9%	197	179	18		7	2	1	1	9

					Type of Violation				
		Lots Inspected	Lots Passed	Lots In Violation	Germination	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
PENNINGTON SEED INC SEED PRODUCTION, MADISON (002ACW)									
Mixture		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
PERFORMANCE SEED, ST CLOUD (0022Y3)									
Mixture		3	3	0	0	0	0	0	0
Compliance Rate:	100.0%	3	3	0	0	0	0	0	0
PETERSON GENETICS, CEDAR FALLS (0022K6)									
Soybean		4	4	0	0	0	0	0	0
Compliance Rate:	100.0%	4	4	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
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		6	6	0	0	0	0	0	0
Sorghum		1	1	0	0	0	0	0	0
Soybean		193	193	0	0	0	0	0	0
Wheat		4	4	0	0	0	0	0	0
Compliance Rate:	100.0%	204	204	0	0	0	0	0	0
PLANTATION PRODUCTS, NORTON (00221H)									
		1	1	0	0	0	0	0	0
Arugula		2	2	0	0	0	0	0	0
Beet		9	9	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
RAGAN & MASSEY INC, PONCHATOULA (0022PW)									
Ryegrass, Annual		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
RICETEC INC, ALVIN (002AM4)									
Rice		7	7	0	0	0	0	0	0
Compliance Rate:	100.0%	7	7	0	0	0	0	0	0
RIVER BEND RICE SEED CO, MCCLURE (002ADH)									
Rice		2	2	0	0	0	0	0	0
Compliance Rate:	100.0%	2	2	0	0	0	0	0	0
ROBERT MOUNT, VIENNA (003B1N)									
Wheat		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
S&W SEED COMPANY, NEW DEAL (0036A2)									
Sorghum-Sudangrass Hybrid		1	1	0	0	0	0	0	0
Compliance Rate:	100.0%	1	1	0	0	0	0	0	0
SCHLESSMAN SEED CO, MILAN (00236J)									
Wheat		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		16	16	0	0	0	0	0	0
Compliance Rate:	100.0%	16	16	0	0	0	0	0	0
SEEDS OF CHANGE, RANCHO DOMINGUEZ (002295)									
Carrot		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
SEEDS OF CHANGE, RANCHO DOMINGUEZ (002295) CONTINUED										
		Lettuce	3	3	0	0	0	0	0	0
Compliance Rate:	100.0%		4	4	0	0	0	0	0	0
SEEDS WEST INC, ROLL (002ACG)										
		Bermudagrass	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
SEXAUER DISCOUNT FARM SERVICES INC, BROOKINGS (0023F1)										
		Oat	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
SHAWNEETOWN FEED & SEED CO, JACKSON (00222Q)										
		Bush Green Bean	1	0	1	1	0	0	0	0
		Carrot	1	1	0	0	0	0	0	0
		Fescue, Tall	2	2	0	0	0	0	0	0
		Lettuce	2	2	0	0	0	0	0	0
		Millet, Japanese	1	1	0	0	0	0	0	0
		Mustard	1	0	1	1	0	0	0	0
		Pea, Garden	1	1	0	0	0	0	0	0
		Radish	1	1	0	0	0	0	0	0
		Rye	1	1	0	0	0	0	0	0
		Turnip	1	1	0	0	0	0	0	0
		Watermelon	1	1	0	0	0	0	0	0
		Wheat	2	2	0	0	0	0	0	0
Compliance Rate:	86.7%		15	13	2	2	0	0	0	0
SIKESTON SEED COMPANY, SIKESTON (0025FD)										
		Mixture	1	0	1	0	1	0	0	1
Compliance Rate:	0.0%		1	0	1	0	1	0	0	1
SOIL SERVICE GARDEN CENTER CO, KANSAS CITY (0023JY)										
		Mixture	4	3	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
SOIL SERVICE GARDEN CENTER CO, KANSAS CITY (0023JY) CONTINUED										
Compliance Rate:	75.0%		4	3	1	1	0	0	0	0
STINE SEED COMPANY INC, ADEL (0022JZ)										
	Corn, Field	1	1	0		0	0	0	0	0
	Soybean	33	26	7		7	0	0	0	0
Compliance Rate:	79.4%		34	27	7	7	0	0	0	0
STOCKTON SEED HOUSE, STOCKTON (0022VD)										
	Fescue, Tall	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
STODDARD COUNTY SEED SERVICE, DUDLEY (0025J6)										
	Wheat	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
STRATTON SEED CO, STUTTGART (002AC8)										
	Soybean	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
SUNNY HILL GARDENS, CAPE GIRARDEAU (0004D0)										
	Cucumber	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
SUTHERLANDS LUMBER CENTRAL LLC, CAMERON (0022ZY)										
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
SYNGENTA SEEDS INC, MINNEAPOLIS (00221W)										
	Soybean	22	22	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
SYNGENTA SEEDS INC, MINNEAPOLIS (00221W) CONTINUED										
Compliance Rate:	100.0%		22	22	0	0	0	0	0	0
SYNGENTA SEEDS LLC, MINNETONKA (0022Y4)										
	Soybean	67	67	0		1	0	0	0	0
Compliance Rate:	100.0%		67	67	0	1	0	0	0	0
TAYLOR SEED FARMS, WHITE CLOUD (002AJF)										
	Soybean	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
TENNESSEE FARMERS COOP, LAVERGNE (00295N)										
	Radish	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
TERRAL SEED INC, Johnston (002AK1)										
	Soybean	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
TOM KAT GRAIN INC dba COLEMAN GRAIN/DUNBAR SEED, COLEMAN (003AC6)										
	Oat	3	2	1		1	0	0	0	0
	Pea, Field	1	1	0		0	0	0	0	0
Compliance Rate:	75.0%		4	3	1	1	0	0	0	0
TRACTOR SUPPLY COMPANY, BRENTWOOD (001W9Q)										
	Mixture	1	0	1		1	0	0	0	0
Compliance Rate:	0.0%		1	0	1	1	0	0	0	0
TRI-STAR SEED COMPANY, SPRING HILL (0022N3)										
	Bluegrass, Kentucky	1	1	0		0	0	0	0	0
	Fescue, Tall	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
TRI-STAR SEED COMPANY, SPRING HILL (0022N3) CONTINUED										
	Mixture	1	1	0		0	0	0	0	0
	Ryegrass, Perennial	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	4	4	0		0	0	0	0	0
URSA FARMERS CO-OP, URSA (002ZYX)										
	Clover, Red	1	1	0		0	0	0	0	0
	Rye	2	2	0		0	0	0	0	0
	Soybean	2	2	0		0	0	0	0	0
	Timothy	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	6	6	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
	Beet	3	3	0		0	0	0	0	0
	Carrot	17	17	0		0	0	0	0	0
	Collards	2	2	0		0	0	0	0	0
	Dill	5	5	0		0	0	0	0	0
	Endive	1	1	0		0	0	0	0	0
	Kale	5	5	0		0	0	0	0	0
	Kohlrabi	1	1	0		0	0	0	0	0
	Lettuce	29	29	0		0	0	0	0	0
	Mesclun	8	8	0		0	0	0	0	0
	Mustard	2	2	0		0	0	0	0	0
	Onion	11	11	0		0	0	0	0	0
	Parsley	6	6	0		0	0	0	0	0
	Pea	1	1	0		0	0	0	0	0
	Radish	7	7	0		0	0	0	0	0
	Spinach	6	6	0		0	0	0	0	0
	Swiss Chard	1	1	0		0	0	0	0	0
	Tomato	1	1	0		0	0	0	0	0
	Turnip	1	1	0		0	0	0	0	0
Compliance Rate:	100.0%	108	108	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
WEBER SEEDS INC, MARSHALL (0025CH)										
		Soybean	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
WHEATLAND COMPANY INC, BRIGHAM CITY (0035ZV)										
		Barley	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		1	1	0	0	0	0	0	0
WILLIAMS LAWN SEED CO, MARYVILLE (0024F0)										
		Mixture	2	2	0	0	0	0	0	0
Compliance Rate:	100.0%		2	2	0	0	0	0	0	0
WINFIELD SOLUTIONS LLC, ST PAUL (00222A)										
		Corn, Field	1	1	0	0	0	0	0	0
		Mixture	7	7	0	0	0	0	0	0
		Soybean	11	11	0	0	0	0	0	0
Compliance Rate:	100.0%		19	19	0	0	0	0	0	0
YODERS PRODUCE & FLOWERS, BLOOMFIELD (001X4G)										
		Beet	1	1	0	0	0	0	0	0
		Carrot	1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		2	2	0	0	0	0	0	0
		Overall Totals:	2819	2704	115	83	23	8	3	19

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