

# 2016 SEED SUMMARY REPORT INSPECTION RESULTS

PLANT INDUSTRIES DIVISION BUREAU OF FEED, SEED, AND TREATED TIMBER

# 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 2016 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, Seed, and Treated Timber, is pleased to publish the 2016 Seed Summary Report and Inspection Results.

In 2016, the bureau officially sampled and tested 2419 lots of seed. As a result of seed failing to meet its labeled guarantees, 60 stop-sale orders were issued. This resulted in a compliance rate of 97.52 percent compared to 95.35 percent in 2015.

The Missouri Seed Control Laboratory tested 300 service samples in 2016. A total of 2719 official and service samples were tested in 2016 resulting in a total of 4352 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, Seed and Treated Timber 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, Seed, and Treated Timber, 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) 751-5474 Office; (573)751-5500 Office Fax (573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax

Or visit our Web site at http://agriculture.mo.gov/

#### **BUREAU OF FEED, SEED AND TREATED TIMBER**

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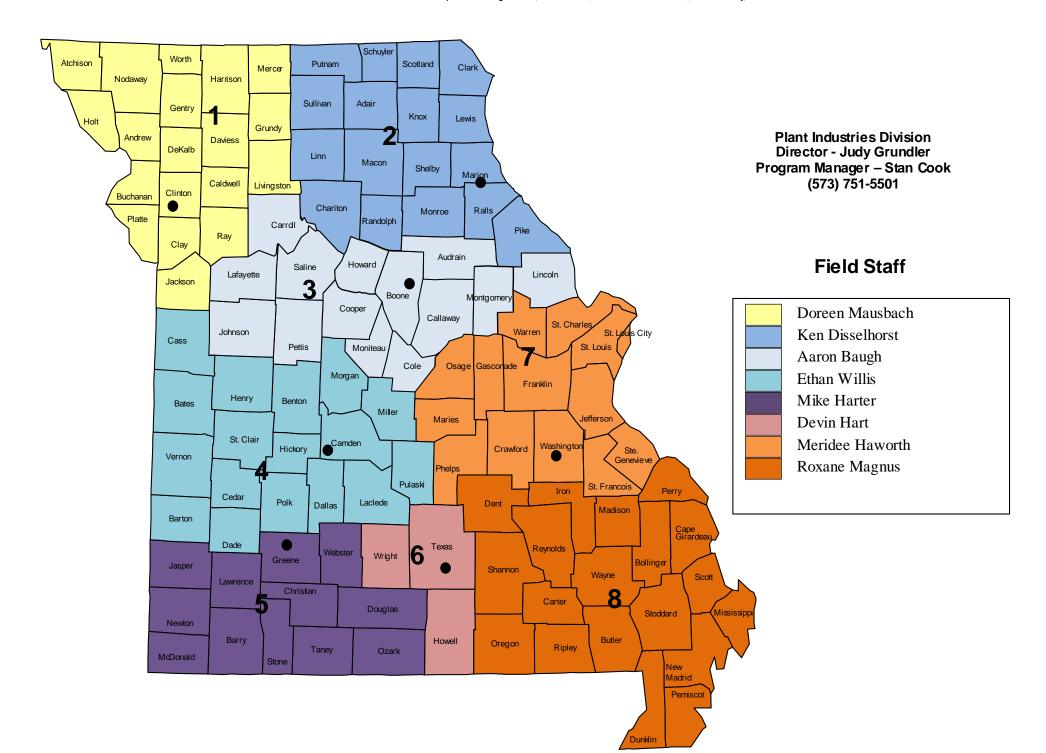
David Hoskins Andrea Taylor

**Inspectors** 

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## Feed, Seed and Treated Timber Inspectors

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



#### **SAMPLES ANALYZED FOR 2016**

OFFICIAL SAMPLES ANALYZED		2419
Purity	449	
Noxious Weed	644	
Germination	2741	
Noxious Screening (Feed Samples)	76	
Retests Performed	114	
TOTAL NUMBER OF LOTS IN VIOLATION		60
TOTAL OFFICIAL TESTS PERFORMED		4024
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED		97.52%
SERVICE SAMPLES ANALYZED		300
Purity	11	
Noxious Weed	10	
Germination	305	
TZ Test	2	
TOTAL SERVICE SAMPLE TESTS PERFORMED		328
TOTAL SAMPLES FOR 2016		2719
TOTAL TESTS PERFORMED FOR 2016		4352
SEED PERMITS ISSUED FOR 2016		3786

Information on samples, inspection of seeds, or service samples is available from the Bureau of Feed, Seed, and Treated Timber, 115 Constitution Drive, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

# **SUBMITTING SERVICE SAMPLES**

#### Testing period for free seed analysis:

June 1 through August 31 November 1 through January 15

#### Testing period for charges on seed analysis:

January 16 through May 31 September 1 through October 31

#### Purity charges:

One cultivar	\$12.00
More than one cultivar in same sample	\$18.00
Seed having less than 90 percent pure seed	\$10.00/hour
Germination charges (highly chaffy grasses, excluded)	\$12.00
Other testing charges:	
TZ	\$25.00
Highly chaffy seed	\$10.00/hour
Highly chaffy germ	\$14.00
Endophyte from seed	\$20.00
Noxious and Prohibited weed seed	\$12.00
Complete Test (Including Purity, Germination, and Noxious Weeds)	\$36.00

## **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	100 seed minimum

#### **SEED ANALYSIS SERVICE SAMPLE APPLICATION**

Submit seed samples with request for analysis to: State Seed Control Laboratory

Department of Agriculture 115 Constitution Drive (65109)

P.O. Box 630 (65102) Jefferson City, MO

#### PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date			
Lot number or ID of seed_		Kind of seed	
Check the following analysis to be run:	Free	Charge	(see page 6 for free & charge times)
Germination			
Purity			
Noxious or prohibited weed seed content			
Other (please specify)			
Person planting this seed			_ Phone
Address			
(Route/Street No		(P.O. Box)	
(City)	(State)		(Zip)

# SECTION ONE

							1	ype of Violatio	n	
		Lots Inspected	Lots Passed	Lots In Violation		Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
		Inspected	rasseu	Violation	_	Hacion	Seed	Weeus	Seeu	СГОР
AGRIGENETICS INC DBA M	YCOGEN SEEDS. INDIA	NAPOLTS (00	2210)							
	Soybean	2	2	0		0	0	0	0	0
Compliance Rate: 100.0%		2	2	0		0	0	0	0	0
ALFOREX SEEDS, WOODLAN	ND (002ACH)									
ALI ONLA GLIDO, MOGDIA	Teff	1	1	0		0	0	0	0	0
Compliance Rate: 100.0%		1	1	0		0	0	0	0	0
AMERICA'S ALFALFA, NAMP	A (002AD9)									
,	Alfalfa	1	1	0		0	0	0	0	0
Compliance Rate: 100.0%			1	0	_	0	0	0	0	0
Compliance Rate: 100.0%			1	0	-	0	0	0	U	0
AMERICOT, INC, LUBBOCK	(002KY1)									
	Cotton	1	1	0		0	0	0	0	0
Compliance Rate: 100.0%		1	1	0		0	0	0	0	0
AMTURF ENTERPRISES, JEF	FERSON (002398)									
	Mixture	1	1	0		0	0	0	0	0
Compliance Rate: 100.0%		1	1	0	_	0	0	0	0	0
Compliance Rate: 100.0%		-	•	U U	_	U	U	U	U	U
Andrews Farm & Seed Inc, (	Carthage (002APN)									
	Wheat, Red	2	2	0		0	0	0	0	0
Compliance Rate: 100.0%		2	2	0		0	0	0	0	0
BAKER CREEK HEIRLOOM S	EEDS, MANSFIELD (00	25V7)								
	Broccoli	2	2	0		0	0	0	0	0
	Cabbage	2	2	0		0	0	0	0	0
	Carrot	2	2	0		0	0	0	0	0
	Celery	2	2	0		0	0	0	0	0

						1	ype of Violation	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Kale	2	2	0	0	0	0	0	0
	Leek	2	2	0	0	0	0	0	0
		2	2	0	0	0	0	0	0
	Lettuce	2	2	0	0	0	0	0	0
	Onion	3	2	1	1	0	0	0	0
	Parsnip	2	2	0	0	0	0	0	0
	Spinach	2	2	0	0	0	0	0	0
Compliance Rate: 95.2%		21	20	1	1	0	0	0	0
BARENBRUG USA, TANGEI	NT (002ABQ)								
	Bluegrass, Kentucky	1	1	0	0	0	0	0	0
	Mixture	31	30	1	1	0	0	0	0
Compliance Rate: 96.9%		32	31	1	1	0	0	0	0
BAYER CROPSCIENCE, LUI	3BOCK (002AM3)								
	Cotton	3	3	0	0	0	0	0	0
Compliance Rate: 100.0%		3	3	0	0	0	0	0	0
BAYER CROPSCIENCE LP,	RESEARCH TRIANGLE P	K (001MJ9)							
,	Soybean	16	16	0	0	0	0	0	0
	·								
Compliance Rate: 100.0%		16	16	0	0	0	0	0	0
BECK'S SUPERIOR HYBRII	OS INC. ATLANTA (0022	J8)							
	Soybean	20	19	1	1	0	0	0	0
Compliance Rate: 95.0%		20	19	1	1	0	0	0	0
BOTANICAL INTERESTS IN									
	Beet, Sugar	1	1	0	0	0	0	0	0
	Carrot	3	3	0	0	0	0	0	0
	Lettuce	1	1	0	0	0	0	0	0
	Onion	1	1	0	0	0	0	0	0

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				Type of Violation					
	Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop	
Radish	1	1	0	0	0	0	0	0	
	-	_	·	·	·	·	·	·	
Compliance Rate: 100.0%	7	7	0	0	0	0	0	0	
BWI COMPANIES INC, SPRINGFIELD (0023AD)									
Mixture	1	1	0	0	0	0	0	0	
Compliance Rate: 100.0%	1	1	0	0	0	0	0	0	
CACHE RIVER VALLEY, CASH (002AC2)									
Rice	8	8	0	0	0	0	0	0	
Compliance Rate: 100.0%	8	8	0	0	0	0	0	0	
CHANNEL BIO, LLC, ST LOUIS (0025AZ)									
Soybean	4	3	1	1	0	0	0	0	
Compliance Rate: 75.0%	4	3	1	1	0	0	0	0	
CORNOCOPIA SEEDS, FELTON (002PB6)									
Radish	1	1	0	0	0	0	0	0	
Compliance Rate: 100.0%	1	1	0	0	0	0	0	0	
DAVIS SEED CO., MORAVIA (0022K2)									
Soybean	2	2	0	0	0	0	0	0	
Compliance Rate: 100.0%	2	2	0	0	0	0	0	0	

						7	ype of Violatio	h	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
DELTA SEED & SERVICES	S, ARCOLA (002KWX)								
	Rice	1	1	0	0	0	0	0	0
Compliance Rate: 100.00	%	1	1	0	0	0	0	0	0
DISCOUNT SEEDS INC, W	VATERTOWN (0023F0)								
	Oat	1	1	0	0	0	0	0	0
	Rye	1	1	0	0	0	0	0	0
Compliance Rate: 100.00	%	2	2	0	0	0	0	0	0
DLF INTERNATIONAL SE	EDS INC, HALSEY (00239	7)							
	Bluegrass, Kentucky	2	1	1	1	1	0	0	0
	Fescue, Tall	2	2	0	0	0	0	0	0
	Mixture	1	1	0	0	0	0	0	0
Compliance Rate: 80.0%	D .	5	4	1	1	1	0	0	0
DOW AGRO SCIENCES T	NDIANAPOLIS (0001CQ)								
DOW AGNO SCIENCES, I	Soybean	7	7	0	0	0	0	0	0
	Soybean	·	,	ŭ	v	ŭ	Ū	· ·	v
Compliance Rate: 100.0	2%	7	7	0	0	0	0	0	0
EADI MAV CEED & NIIDC	ERY, SHENANDOAH (002	2201							
LAKE MAT SELD & NORS	Beet Beet	1	1	0	0	0	0	0	0
	Bush Green Bean	1	1	0	0	0	0	0	0
	Lettuce	1	1	0	0	0	0	0	0
	Mixture	2	2	0	0	0	0	0	0
	Radish	1	1	0	0	0	0	0	0
		•	•	ŭ	J	Ü	Ĵ	J	Ü
Compliance Rate: 100.0	%	6	6	0	0	0	0	0	0

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					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop	
EL-PAR STOCK & SEED	FARM, VERSAILLES (0024	IBQ)								
	Barley	2	2	0	0	0	0	0	0	
	Oat	1	1	0	0	0	0	0	0	
Compliance Rate: 100.0	0%	3	3	0	0	0	0	0	0	
ENCAP, LLC, GREEN BAY	Y (0023XQ)									
	Mixture	1	0	1	1	0	0	0	0	
Compliance Rate: 0.0%	<b>6</b>	1	0	1	1	0	0	0	0	
FEEDERS GRAIN INC, B	OWLING GREEN (0024M	9)								
	Fescue, Tall	1	0	1	0	0	1	0	0	
Compliance Rate: 0.0%	<b>6</b>	1	0	1	0	0	1	0	0	
GRASS PAD WAREHOUS	SE, OLATHE (002AFW)									
	Fescue, Red	1	1	0	0	0	0	0	0	
	Mixture	5	5	0	0	0	0	0	0	
Compliance Rate: 100.0	0%	6	6	0	0	0	0	0	0	
GREEN SEED COMPANY	, SPRINGFIELD (0023BA)	)								
	Alfalfa	5	5	0	0	0	0	0	0	
	Bahiagrass	1	1	0	0	0	0	0	0	
	Bermudagrass	6	6	0	0	0	0	0	0	
	Bluegrass, Kentucky	10	9	1	0	1	0	0	0	
	Brome, Smooth	2	2	0	0	0	0	0	0	
	Chufa	1	1	0	0	0	0	0	0	
	Clover, Arrowleaf	2	2	0	0	0	0	0	0	
	Clover, Crimson	6	6	0	0	0	0	0	0	
	Clover, Ladino White	4	4	0	0	0	0	0	0	
	Clover, Red	4	4	0	0	0	0	0	0	
	Clover, Sweet Yellow	1	1	0	0	0	0	0	0	
	Clover, White	8	8	0	0	0	0	0	0	
	Crimson Clover	2	2	0	0	0	0	0	0	

						1	Type of Violation	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Fescue, Hard	1	1	0	0	0	0	0	0
	Fescue, Red	2	2	0	0	0	0	0	0
	Fescue, Tall	37	34	3	3	0	0	0	1
	Hairy Vetch	1	1	0	0	0	0	0	0
	Lespedeza, Korean	2	2	0	0	0	0	0	0
	Millet, Browntop	6	6	0	0	0	0	0	0
	Millet, German Foxtail	3	3	0	0	0	0	0	0
	Millet, Japanese	1	1	0	0	0	0	0	0
	Mixture	29	28	1	2	0	0	0	0
	Oat	14	12	2	0	0	2	0	0
	Orchardgrass	7	7	0	0	0	0	0	0
	Pea			0	0	0	0	0	0
		1	1						
	Pea, Field	3	3	0	0	0	0	0	0
	Radish	2	2	0	0	0	0	0	0
	Radish, Forage	4	4	0	0	0	0	0	0
	Redtop	1	1	0	0	0	0	0	0
	Rye	39	39	0	0	0	0	0	0
	Ryegrass, Annual	46	45	1	0	1	0	0	0
	Ryegrass, Perennial	8	8	0	0	0	0	0	0
	Sorghum	4	4	0	0	0	0	0	0
	Sorghum-Sudangrass Hybrid	3	3	0	0	0	0	0	0
	Soybean	2	2	0	0	0	0	0	0
	Sudangrass	2	2	0	0	0	0	0	0
	Sunflower	1	1	0	0	0	0	0	0
	Teff	1	1	0	0	0	0	0	0
	Timothy	4	4	0	0	0	0	0	0
	Triticale	8	8	0	0	0	0	0	0
	Turnip	10	10	0	0	0	0	0	0
	Wheat	1	1	0	0	0	0	0	0
	Wheat, Red	6	6	0	0	0	0	0	0
mpliance Rate: 97.3%		301	293	8	5	2	2	0	1
REEN VALLEY SEED LLC,	KAHOKA (0022YK)								
ALLIA VALLET SEED LLC,	Alfalfa	2	า	0	0	0	0	0	0
		2	2		0			0	
	Bluegrass, Kentucky	1	1	0	0	0	0	0	0
	Clover, Red	2	2	0	0	0	0	0	0

						1	Type of Violatio	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	0.11.1	_		•					•
	Collards	1	1	0	0	0	0	0	0
	Fescue, Tall	1	1	0	0	0	0	0	0
	Mixture	3	3	0	0	0	0	0	0
	Oat	4	4	0	0	0	0	0	0
	Orchardgrass	1	1	0	0	0	0	0	0
	Rape	1	1	0	0	0	0	0	0
	Rye	5	4	1	1	0	0	0	0
	Ryegrass, Perennial	1	1	0	0	0	0	0	0
	Soybean	5	5	0	0	0	0	0	0
	Timothy	2	2	0	0	0	0	0	0
	Turnip	1	1	0	0	0	0	0	0
Compliance Rate: 96.7%		30	29	1	1	0	0	0	0
GROWMARK, INC, BLOOM	IINGTON (002ADC)								
	Soybean	1	1	0	0	0	0	0	0
Compliance Rate: 100.0%	6	1	1	0	0	0	0	0	0
HAAS SEED HOUSE, ALBEI	RS (002ADB)								
	Wheat	1	1	0	0	0	0	0	0
Compliance Rate: 100.0%	ó l	1	1	0	0	0	0	0	0
HAWK FERTILIZER LLC, B	OLIVAR (000237)								
	Fescue, Tall	1	1	0	0	0	0	0	0
Compliance Rate: 100.0%	io .	1	1	0	0	0	0	0	0
HUMMERT SEEDS, ST JOS	EPH (0022DP)								
	Amaranthus	2	2	0	0	0	0	0	0
	Artichoke	1	1	0	0	0	0	0	0
	Basil	1	1	0	0	0	0	0	0
	Bean, Garden	5	5	0	0	0	0	0	0
	Beet	1	1	0	0	0	0	0	0
	Broccoli	1	1	0	0	0	0	0	0

						7	Type of Violatio	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
						_			_
	Cabbage	1	1	0	0	0	0	0	0
	Carrot	1	1	0	0	0	0	0	0
	Collards	1	1	0	0	0	0	0	0
	Corn, Sweet	2	2	0	0	0	0	0	0
	Cucumber	1	1	0	0	0	0	0	0
	Lettuce	2	2	0	0	0	0	0	0
	Okra	1	1	0	0	0	0	0	0
	Pea, Garden	4	4	0	0	0	0	0	0
	Popcorn	1	1	0	0	0	0	0	0
	Pumpkin	1	1	0	0	0	0	0	0
	Radish	4	4	0	0	0	0	0	0
	Squash	2	2	0	0	0	0	0	0
	Watermelon	1	1	0	0	0	0	0	0
Compliance Rate: 100.0%		33	33	0	0	0	0	0	0
AY A TURNER, COLUMBIA	A (0022B8)								
	Clover, Red	1	1	0	0	0	0	0	0
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0
A CROSSE FORAGE & TUI	DE SEED LLC LA CDOSSE	: (002AMI)							
A CROSSE FORAGE & TO	Mixture	3	0	3	3	0	0	0	1
	Ryegrass, Annual	1	1	0	0	0	0	0	0
	Rycgiass, Ailitaai	1	1	U	U	U	O	Ü	U
Compliance Rate: 25.0%		4	1	3	3	0	0	0	1
LAKE VALLEY SEED INC, B	OIII DEB (00220H)								
LARE VALLET SEED INC, B	Spinach	1	1	0	0	0	0	0	0
	эріпаст	1	1	J	J	U	J	J	U
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0
EWIS HYBRIDS INC, URS	SA (0022GV)								
, one	Mixture	4	4	0	0	0	0	0	0
			•	•	-	_	-	•	•

						Т	Type of Violation				
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop		
	Soybean	3	3	0	0	0	0	0	0		
Compliance Rate: 100.0%		7	7	0	0	0	0	0	0		
Compliance Rate:   100.0%		,	/	U	U	U	U	U	0		
LEWIS SEED CO INC, LOUIS	SVILLE (002AKO)										
	Mixture	1	0	1	0	1	0	0	0		
Compliance Rate: 0.0%		1	0	1	0	1	0	0	0		
LIVINGSTON SEED CO, COL	LUMBUS (00236M)										
	Bean, Garden	1	1	0	0	0	0	0	0		
	Corn, Sweet	3	3	0	0	0	0	0	0		
	Pea, Garden	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		5	5	0	0	0	0	0	0		
LOVELAND PRODUCTS, GRI	EELEY (00229G)										
	Corn, Field	1	1	0	0	0	0	0	0		
	Cotton	2	2	0	0	0	0	0	0		
	Mixture	3	3	0	0	0	0	0	0		
	Soybean	32	31	1	2	0	0	0	0		
	Wheat	5	5	0	0	0	0	0	0		
Compliance Pater 07 70		42	42	1	2		0		0		
Compliance Rate: 97.7%		43	42		2	0	0	0	0		
MEYER SEED COMPANY, BA	ALTIMORE (002J6H)										
	Fescue, Tall	2	2	0	0	0	0	0	0		
C !! D											
Compliance Rate: 100.0%		2	2	0	0	0	0	0	0		
MFA, COLUMBIA (00057W)											
	Orchardgrass	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		
	Turnip	1	1	0	0	0	0	0	0		
	rump	1	1	U	O	O	U	U	U		
Compliance Rate: 100.0%		2	2	0	0	0	0	0	0		
MFA INC. SEED DIVISION,	COLUMBIA (0022B1)										
,	Alfalfa	12	12	0	0	0	0	0	0		
	Bluegrass, Kentucky	3	3	0	0	0	0	0	0		
	Buckwheat	1	1	0	0	0	0	0	0		
	Clover, Crimson	3	3	0	0	0	0	0	0		
	Clover, Ladino White	2	2	0	0	0	0	0	0		
	Clover, Red	4	4	0	0	0	0	0	0		
	Corn, Field	1	1	0	0	0	0	0	0		
	Cowpea	1	1	0	0	0	0	0	0		
	Crimson Clover	1	1	0	0	0	0	0	0		
	Fescue	1	1	0	0	0	0	0	0		
	Fescue, Red	2	1	1	0	1	0	0	0		
	Fescue, Tall	6	6	0	0	0	0	0	0		
	Hairy Vetch	1	1	0	0	0	0	0	0		
	Lespedeza	1	1	0	0	0	0	0	0		
	Lespedeza, Korean	1	1	0	0	0	0	0	0		
	Millet	1	1	0	0	0	0	0	0		
	Millet, Pearl	1	1	0	0	0	0	0	0		
	Mixture	9	9	0	0	0	0	0	0		
	Oat	2	2	0	0	0	0	0	0		
	Orchardgrass	7	7	0	0	0	0	0	0		
	Pea, Field	1	1	0	0	0	0	0	0		
	Radish, Forage	2	2	0	0	0	0	0	0		
	Rape	2	2	0	0	0	0	0	0		
	Redtop	1	0	1	1	0	0	0	0		
	Reed Canarygrass	1	1	0	0	0	0	0	0		
	Ryegrass, Annual	2	2	0	0	0	0	0	0		
	Ryegrass, Perennial	4	4	0	0	0	0	0	0		
	Sorghum	2	2	0	0	0	0	0	0		
	Sorghum-Sudangrass Hybrid	1	1	0	0	0	0	0	0		

						T	ype of Violatio	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Soybean	82	81	1	4	0	0	0	0
	Timothy	4	4	0	0	0	0	0	0
	Trefoil, Birdsfoot	2	2	0	0	0	0	0	0
	Turnip	1	1	0	0	0	0	0	0
Compliance Rate: 98.2%		165	162	3	5	1	0	0	0
MFA SEED DIST, SEDALIA	(00241M)								
MIA SELD DIST, SEDALIA	Clover, Red	2	2	0	0	0	0	0	0
	Fescue, Tall	2	2	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
	Ryegrass, Armuai	1	1	U	U	U	U	U	U
Compliance Rate: 100.0%	6	6	6	0	0	0	0	0	0
MILLER SEED, CLINTON (	0023F6) Brome, Smooth	1	1	0	0	0	0	0	0
	_								
Compliance Rate: 100.0%	6	1	1	0	0	0	0	0	0
MISSOURI SOUTHERN SE	ED, ROLLA (0024KK)								
	Alfalfa	6	6	0	0	0	0	0	0
	Bermudagrass	4	4	0	0	0	0	0	0
	Bluegrass, Kentucky	5	5	0	0	0	0	0	0
	Brassica	2	2	0	0	0	0	0	0
	Brome, Smooth	2	1	1	0	0	0	1	0
	Buckwheat	3	3	0	0	0	0	0	0
	Chicory	2	2	0	0	0	0	0	0
	Clover	2	2	0	0	0	0	0	0
	Clover, Alsike	1	1	0	0	0	0	0	0
	Clover, Berseem	2	2	0	0	0	0	0	0
	Clover, Crimson	4	4	0	0	0	0	0	0
	Clover, Ladino White	6	6	0	0	0	0	0	0
	Clover, Red	23	23	0	0	0	0	0	0
	Clover, Sweet Yellow	1	1	0	0	0	0	0	0
	Clover, White	4	4	0	0	0	0	0	0
	Cowpea	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	
	Crabgrass	1	1	0		0	0	0	0	0	
	Fescue	1	1	0		0	0	0	0	0	
	Fescue, Red	2	2					0			
	Fescue, Tall	61	58	0		0 1	0 1	1	0	0 1	
	Festulolium	3		0		0	0	0	0	0	
	Lab Lab	1	3 1	0		0	0	0	0	0	
	Lespedeza	6	6	0		0	0	0	0	0	
	Lespedeza, Korean	9	8	1		0	0	1	0	0	
	Millet	2	2	0		0	0	0	0	0	
	Millet, Browntop	1		0		0	0	0	0	0	
	Millet, Japanese	2	1 2	0		0	0	0	0	0	
	Millet, Pearl	2	2	0		0	0	0	0	0	
	Mixture	26	25	1		0	0	0	0	1	
	Oat	1	1	0		0	0	0	0	0	
	Orchardgrass	8	8	0		0	0	0	0	0	
	Pea, Field	4	4	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	1	1	0		0	0	0	0	0	
	Reed Canarygrass	1	1	0		0	0	0	0	0	
		3	2	1		1	0	0	0	0	
	Rye Ryegrass, Annual	9	9	0		0	0	0	0	0	
	Ryegrass, Intermediate	2	2	0		0	0	0	0	0	
	Ryegrass, Perennial	10	10	0			0	0	0	0	
				0		0	0	0	0	0	
	Soybean Teff	1	1								
	Timothy	2 8	2 8	0		0	0	0	0	0	
	Trefoil, Birdsfoot	2	2	0		0	0	0	0	0	
	Turnip	3	3	0		0	0	0	0	0	
	Vetch	1	1	0		0	0			0	
	vetti	1	1	U		U	U	0	0	U	
Compliance Rate: 97.2%		248	241	7		2	1	2	1	2	
MONSANTO COMPANY, ST	LOUIS (00221V)										
,	Corn, Field	3	3	0		0	0	0	0	0	
	Cotton	3	3	0		0	0	0	0	0	
	Mixture	9	9	0		0	0	0	0	0	

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						1	Type of Violatio	n	
		Lots	Lots	Lots In	Germi-	Pure	Noxious	Weed	Other
		Inspected	Passed	Violation	nation	Seed	Weeds	Seed	Crop
	Sorghum	1	1	0	1	0	0	0	0
	Soybean	461	460	1	4	0	0	0	0
	·								
Compliance Rate: 99.8%		477	476	1	5	0	0	0	0
MORGAN COUNTY SEEDS,	BARNETT (00039X)								
,	Bean, Faba	1	1	0	0	0	0	0	0
	Bean, Garden	2	2	0	0	0	0	0	0
	Bean, Navy	1	1	0	0	0	0	0	0
	Bean, Pinto	1	1	0	0	0	0	0	0
	Bean, Snap	12	12	0	1	0	0	0	0
	Beet	9	8	1	1	0	0	0	0
	Beet, Sugar	2	2	0	0	0	0	0	0
	Broomcorn	1	1	0	0	0	0	0	0
	Bush Green Bean	1	1	0	0	0	0	0	0
	Carrot	4	4	0	0	0	0	0	0
	Celery	3	3	0	0	0	0	0	0
	Corn	6	6	0	0	0	0	0	0
	Corn, Field	1	1	0	1	0	0	0	0
	Corn, Ornamental	5	5	0	0	0	0	0	0
	Corn, Sweet	34	33	1	1	0	0	0	0
	Cucumber	6	6	0	0	0	0	0	0
	Kale	3	3	0	0	0	0	0	0
	Kohlrabi	2	2	0	0	0	0	0	0
	Lettuce	2	1	1	1	0	0	0	0
	Lima Bean	5	5	0	0	0	0	0	0
	Mustard	2	2	0	0	0	0	0	0
	Okra	3	3	0	0	0	0	0	0
	Onion	1	1	0	0	0	0	0	0
	Oriental Green	1	1	0	0	0	0	0	0
	Pea	7	7	0	0	0	0	0	0
	Pepper	2	2	0	0	0	0	0	0
	Pole Green Bean	1	1	0	0	0	0	0	0
	Popcorn	4	4	0	0	0	0	0	0
	Radish	2	2	0	0	0	0	0	0
	Rutabaga	1	1	0	0	0	0	0	0
	Salad Greens	1	1	0	0	0	0	0	0
	Shell Pea	7	7	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	
	Snap Pea	2	2	0		0	0	0	0	0	
	Snow Pea	1	1	0		0	0	0	0	0	
	Sorghum	1	0	1		1	0	0	0	0	
	Soybean	1	1	0		0	0	0	0	0	
	Squash	1	1	0		0	0	0	0	0	
	Sunflower	1	1	0		0	0	0	0	0	
	Tomato	2	2	0		0	0	0	0	0	
	Turnip	5	5	0		0	0	0	0	0	
	Wax Bean	2	2	0		0	0	0	0	0	
Compliance Rate:	97.3%	149	145	4		6	0	0	0	0	
MYCOGEN SEEDS, N	MARSHALLTOWN (002AD2)										
	Soybean	15	14	1		1	0	0	0	0	
Compliance Rate:	93.3%	15	14	1		1	0	0	0	0	
NECO SEEDS, GARD	DEN CITY (0022Q1)										
	Soybean	78	69	9		9	0	0	0	0	
Compliance Rate:	88.5%	78	69	9		9	0	0	0	0	
NIXA HARDWARE A	AND SEED CO, NIXA (0022WP)										
	Alfalfa	2	2	0		0	0	0	0	0	
	Bermudagrass	1	1	0		0	0	0	0	0	
	Fescue, Tall	1	1	0		0	0	0	0	0	
	Millet	1	1	0		0	0	0	0	0	
	Orchardgrass	1	1	0		0	0	0	0	0	
	Ryegrass, Annual	2	2	0		0	0	0	0	0	
	Ryegrass, Perennial	1	1	0		0	0	0	0	0	
	Teff	1	1	0		0	0	0	0	0	
Camplianas Bata	100.00/	10	10								
Compliance Rate:	100.0%	10	10	0		0	0	0	0	0	

Type of Violeties

						1	Type of Violation				
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds		Other Crop		
PENNINGTON SEED, MADI	SON (002ACW)										
	Mixture	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%				0	0	0	0	U	U		
PENNINGTON SEED INC, G	REENETELD (002335)										
Limitation on SLLD live, o	Fescue, Tall	31	30	1	0	0	1	0	0		
	Mixture	143	143	0	0	0	0		0		
	Ryegrass, Annual	7	7	0	0	0	0	0	0		
00 40/		404	100					•	0		
Compliance Rate: 99.4%		181	180	1	0	0	1	U	0		
PERFORMANCE SEED, ST C	I OUD (0022Y3)										
ERIORIANCE SEED, ST	Mixture	1	1	0	0	0	0	0	0		
	· ··/·································	-	-		·		·	·			
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
PETRUS SEED & GRAIN CO	INC, HAZEN (002AC9)										
	Oat	2	2	0	0	0	0	0	0		
Compliance Rate: 100.0%		2	2	0	0	0	0	0	0		
PHYTOGEN SEED CO LLC, 1	NDTANADOLIS (0022H2	7)									
FITT TOGEN SELD CO LLC, I	Cotton	1	1	0	0	0	0	0	0		
		-	-		·	·	·	·			
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
PIONEER HI-BRED INTERN	IATIONAL, INC, JOHNS	TON (00221B)									
	Alfalfa	2	2	0	0	0	0	0	0		
	Corn, Field	6	6	0	0	0	0	0	0		
	Mixture	5	5	0	0	0	0	0	0		
	Soybean	120	120	0	1	0	0	0	0		

					Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation		Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
	Wheat	4	4	0		0	0	0	0	0
a !! a		405	405							
Compliance Rate: 100.0%		137	137	0		1	0	0	0	0
PLANTATION PRODUCTS, N	IORTON (00221H)									
	Beet	5	5	0		0	0	0	0	0
	Broccoli	1	1	0		0	0	0	0	0
	Brussels-Sprouts	1	1	0		0	0	0	0	0
	Carrot	24	23	1		1	0	0	0	0
	Celery	1	1	0		0	0	0	0	0
	Collards	2	2	0		0	0	0	0	0
	Dill	3	3	0		0	0	0	0	0
	Eggplant	1	1	0		0	0	0	0	0
	Garden Bean	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
	Leek	1	1	0		0	0	0	0	0
	Lettuce	26	25	1		2	0	0	0	0
	Mesclun	2	2	0		0	0	0	0	0
	Mustard	4	4	0		0	0	0	0	0
	Onion	13	10	3		3	0	0	0	0
	Parsley	1	1	0		0	0	0	0	0
	Parsnip	1	1	0		0	0	0	0	0
	Radish	9	9	0		0	0	0	0	0
	Spinach	6	6	0		0	0	0	0	0
	Tomato	8	8	0		0	0	0	0	0
	Turnip	2	2	0		0	0	0	0	0
Compliance Rate: 95.7%		116	111	5		6	0	0	0	0

						Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop		
RICETEC INC, ALVIN (002A	M4)										
	Rice	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
RURAL KING SUPPLY INC.,	MATTOON (002607)										
	Fescue, Tall	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
S & S SEED CO., STOCKTON	(0022VK)										
	Buckwheat	1	1	0	0	0	0	0	0		
	Clover, Ladino White	1	1	0	0	0	0	0	0		
	Clover, Red	1	1	0	0	0	0	0	0		
	Fescue, Tall	2	2	0	0	0	0	0	0		
	Mixture	1	1	0	0	1	0	0	0		
	Rape	1	1	0	0	0	0	0	0		
	Timothy	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		8	8	0	0	1	0	0	0		
SCHLESSMAN SEED CO, MIL	AN (00236J)										
	Wheat	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0		
SCOTTS COMPANY, MARYSV	/ILLE (00223B)										
	Mixture	9	9	0	0	0	0	0	0		
Compliance Rate: 100.0%		9	9	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		
SEED CONSULTANTS, IN	IC, WASHINGTON (002	2AKG)									
·	Soybean	9	9	0	0	0	0	0	0		
Compliance Rate: 100.0	%	9	9	0	0	0	0	0	0		
SEED SAVERS EXCHANG	E, DECORAH (0022KC	)									
	Carrot	1	1	0	0	0	0	0	0		
	Lettuce	1	0	1	1	0	0	0	0		
Compliance Rate: 50.0%	<b>/</b> o	2	1	1	1	0	0	0	0		
SEEDS OF CHANGE, RAN	ICHO DOMINGUEZ (00	2295)									
·	Carrot	2	2	0	0	0	0	0	0		
	Cucumber	3	3	0	0	0	0	0	0		
	Dill	1	1	0	0	0	0	0	0		
	Lettuce	1	1	0	0	0	0	0	0		
	Pepper	2	2	0	0	0	0	0	0		
	Radish	1	1	0	0	0	0	0	0		
	Tomato	2	2	0	0	0	0	0	0		
Compliance Rate: 100.0	9%	12	12	0	0	0	0	0	0		
SEEDWAY LLC, HALL (00	)234V)										
	Pea, Garden	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0	%	1	1	0	0	0	0	0	0		
SEXAUER DISCOUNT FA	RM SERVICES INC., BI	ROOKINGS (0023)	F1)								
	Rye	1	1	0	0	0	0	0	0		
Compliance Rate: 100.0	%	1	1	0	0	0	0	0	0		

							Гуре of Violatio	n	
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop
SHAWNEETOWN FEED 8	& SEED CO, JACKSON (00	0222Q)							
	Bush Green Bean	3	3	0	0	0	0	0	0
	Lettuce	1	1	0	0	0	0	0	0
	Squash	1	0	1	1	0	0	0	0
	Sweet Corn	3	3	0	0	0	0	0	0
	Turnip	2	2	0	0	0	0	0	0
Compliance Rate: 90.0	%	10	9	1	1	0	0	0	0
SOIL SERVICE GARDEN	CENTER CO, KANSAS CI	TY (0023JY)							
	Mixture	2	2	0	0	0	0	0	0
Compliance Rate: 100.0	0%	2	2	0	0	0	0	0	0
STINE SEED COMPANY	INC, ADEL (0022JZ)								
	Soybean	12	12	0	0	0	0	0	0
Compliance Rate: 100.0	0%	12	12	0	0	0	0	0	0
STOCKTON SEED HOUS	E, STOCKTON (0022VD)								
	Fescue, Tall	1	1	0	0	0	0	0	0
Compliance Rate: 100.0	0%	1	1	0	0	0	0	0	0
STRATTON SEED CO, ST	UTTGART (002AC8)								
	Soybean	1	1	0	0	0	0	0	0
Compliance Rate: 100.0	0%	1	1	0	0	0	0	0	0
SYNGENTA SEEDS INC,	MINNEAPOLIS (00221W	<i>(</i> )							
	Soybean	20	20	0	2	0	0	0	0
Compliance Rate: 100.0	0%	20	20	0	2	0	0	0	0

						1	Type of Violation					
		Lots Inspected	Lots Passed	Lots In Violation	Germi- nation	Pure Seed	Noxious Weeds	Weed Seed	Other Crop			
TANNER SEED CO, BERNIE	(0025HP)											
	Rice	1	1	0	0	0	0	0	0			
Compliance Rate: 100.0%		1	1	0	0	0	0	0	0			
TRACTOR SUPPLY COMPAN	IY #2075, HANNIBAL ((	002KB6)										
	Fescue, Tall	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	3)										
	Bluegrass, Kentucky	2	2	0	0	0	0	0	0			
	Fescue, Tall	1	1	0	0	0	0	0	0			
	Mixture	5	4	1	0	0	0	0	1			
Compliance Rate: 87.5%		8	7	1	0	0	0	0	1			
W ATLEE BURPEE CO, WAR	MINSTER (002235)											
WATELE BORT EL CO, WAR	Bean, Garden	2	2	0	0	0	0	0	0			
	Beet	3	3	0	0	0	0	0	0			
	Carrot	21	21	0	0	0	0	0	0			
	Chicory	1	0	1	1	0	0	0	0			
	Collards	1	1	0	0	0	0	0	0			
	Corn, Sweet	3	3	0	0	0	0	0	0			
	Dill	2	2	0	0	0	0	0	0			
	Kale	4	4	0	0	0	0	0	0			
	Lettuce	36	35	1	1	0	0	0	0			
	Mesclun	7	7	0	0	0	0	0	0			
	Mustard	2	2	0	0	0	0	0	0			
	Onion	13	11	2	3	0	0	0	0			
	Parsnip	1	0	1	1	0	0	0	0			
	Pea	1	1	0	0	0	0	0	0			
	Pea, Garden	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	
	Pepper, Hot	1	1	0	0	0	0	0	0	
	Radish	10	10	0	0	0	0	0	0	
	Spinach	2	2	0	0	0	0	0	0	
	Tomato	1	1	0	0	0	0	0	0	
	Turnip	2	2	0	0	0	0	0	0	
mpliance Rate: 95.6	5%	114	109	5	6	0	0	0	0	
EBER SEEDS INC, MA	ARSHALL (0025CH)									
	Soybean	2	2	0	0	0	0	0	0	
	Wheat, Red	1	1	0	0	0	0	0	0	
mpliance Rate: 100.	.0%	3	3	0	0	0	0	0	0	
EEKS SEED COMPANY	Y, GREENVILLE (002P0Q)									
	Carrot	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	
mpliance Rate: 100.	.0%	3	3	0	0	0	0	0	0	
HITETAIL INSTITUTE	OF NORTH AMERICA, PII	NTLALA (002AC	1)							
	Mixture Mixture	2	2	0	0	0	0	0	0	
mpliance Rate: 100.	.0%	2	2	0	0	0	0	0	0	
ILLIAMS LAWN SEED	CO, MARYVILLE (0024F0	)								
	Fescue, Red	1	1	0	0	0	0	0	0	
	Fescue, Tall	3	3	0	0	0	0	0	0	
	Mixture	6	6	0	0	0	0	0	0	
	Ryegrass, Perennial	3	3	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
WINFIELD SOLUTIONS LLC,	ST PAUL (00222A)									
	Soybean	5	5	0		0	0	0	0	0
Compliance Rate: 100.0%		5	5	0		0	0	0	0	0
X-SEED LLC, CLEAR LAKE (0022Y7)										
	Mixture	2	2	0		0	0	0	0	0
Compliance Rate: 100.0%		2	2	0		0	0	0	0	0
	Overall Totals:	2419	2359	60		62	7	6	1	5