



**Pennsylvania Department of Agriculture
Bureau of Plant Industry
2023 Fiscal Year Seed Report
Pennsylvania Seed Act**

April 2025

Overview

The Pennsylvania Department of Agriculture Bureau of Plant Industry Seed Division performs analyses on seed samples drawn under the authority of the Pennsylvania Seed Act (amended 2005). The act provides consumers with truthful and accurate information to help make seed purchasing decisions.

The division is responsible for (1) administration and enforcement of the Pennsylvania Seed Act; (2) administration of the Seed Certification Act; (3) operation of the State Seed Laboratory; and (4) maintenance of the seed herbarium.

This report is a summary of official seed inspection and laboratory analyses performed by the seed division from **July 1, 2023, to June 30, 2024**.

Regulatory Requirements

The Seed act, from which the division derives its authority, requires proper labeling for all seeds distributed in Pennsylvania. Information must appear on a tag or label attached in a conspicuous place on the exterior of the seed container. Seed not properly labeled are subject to a "Stop Sale" order, which prohibits their sale/distribution until relabeled to be in compliance with the law. Additionally, the person whose name appears on the seed analysis label must obtain an annual seed license at a cost of \$25.

During the fiscal year of 2023 there were **503** licensed Seed Dealers. The Department collected a total of **\$12,575.00** for Seed Dealers license fees.

The Pennsylvania Code Chapter 111 lists additional requirements for labeling seeds, including:

- Labeling of flower seed mixtures
- Labeling of lawn seed mixtures
- Labeling of treated seeds
- Labeling of seeds for sprouting
- Germination standards for vegetable and flower seeds
- List of prohibited noxious weed seeds
- List of restricted noxious weed seeds including undesirable grass seed in lawn and turf seeds

Seed Certification

Seed certification helps maintain, and make available to the public, sources of high-quality seeds and propagating materials of superior varieties grown and distributed to ensure genetic identity. Only after passing rigid field and laboratory seed standards can seed be labeled as a class of certified seed. For a summary of crop, variety and acres inspected see Table V.

During the fiscal year the Department collected, **\$11,116.49** in fees for field inspection, tags, labels and other services.

The Pennsylvania Department of Agriculture is an active member of the Association of Official Seed Certifying Agencies (AOSCA).

Seed Laboratory

The Seed Laboratory provides technical information and performs a range of tests and analyses on seed samples from various sources. All seed samples are prepared and tested according to the "AOSA Rules for Testing Seeds" as approved and published by the Association of Official Seed Analysts (AOSA).

During the reporting period, the laboratory received a total of **5,299** samples that required **9,655** separate tests (See Table I). Plant Industry Inspectors submitted **1,761** regulatory seed samples for enforcement of the Seed Act, and **1** regulatory sample to test for viable noxious weed seed to aid in the enforcement of the PA Feed Act. In addition, Plant Industry Inspectors issued **155** Seed Stop Sale Notices for labeling violations directly at retail and wholesale locations representing **2215** containers.

Farmers, wholesale seedsmen and retail outlets submitted **3,302** service samples for labeling purposes and guidance in planting. The seed certification program and various other state agencies submitted **236** samples to determine if the seed met their standards or specifications. The Department collected a total of **\$101,021.49** (\$89,905.00 from service samples) in fees for these services

The Pennsylvania Seed Act provides the Department the authority to fix, adjust, assess and collect fees for the certification inspection services and requested seed tests. The fees shall be enough to meet reasonable expenses incurred by the Department in making such inspections for certification and conducting seed tests. The current fee structure for seed service samples and certification services are available on the Department website at www.agriculture.pa.gov. The Secretary may adjust the fees by sending notice to licensees and publishing a notice in the Pennsylvania Bulletin. The fees, derived from these services and seed dealer licensing fees, help support the Seed Program.

The Seed Analysts also identifies and tests seeds for the Pennsylvania Department of Transportation, other various State agencies, the State Police Crime Laboratory and the public.

The Seed Laboratory is an active member of Association of Official Seed Analysts (AOSA) and cooperates in work of various committees. Staff members attend the annual meeting of AOSA to vote on rule changes, discuss other items of business and attend committee meetings. Nishit Patel is an AOSA executive board member. Nishit is also the current AOSA CO-chair of the joint Purity Subcommittee. Staff members also participated in online seed training; notably the USDA and AOSA webinars.

The department is also an active member of the Association of American Seed Control Officials (AASCO). Seed Program Supervisor Johnny Zook attends the annual meeting and represents the Association at affiliate meetings.

Each year the Seed Analysts assist the small grain judge at the Pennsylvania Farm Show by examining each individual exhibit for noxious and common weed seeds, other crop seeds and foreign material.

Table I

Classification of samples by kind and numbers of tests involved.

Number of Samples	Kinds	Purity	Noxious Weed Examinations	Germinations*
1,855	Vegetable	409	294	1,816
2,391	Agricultural	1,076	1,155	2,331
616	Flower	265	265	611
0	Tree	0	0	0
1	Feed	0	1	0
4	Sprouting Seed	0	0	4
82	Pasture Mix or Blend	25	29	71
12	Flower Mix or Blend	1	1	3
1	Vegetable Mix or Blend	0	0	1
48	Conservation Mix or Blend	2	4	3
0	Vegetable Kit	0	0	0
195	CSLT Grass Mix or Blend	132	130	122
1	Unidentified	0	0	0
0	Native Warm Season Mix or Blend	0	0	0
93	CSLT Grass Single Kind	45	83	58
5,299	Totals	1,955	1,962	5,020

Other Tests	
Interstate Noxious Weed Seed Test	10
Treated Germination Test	0
Cold Test	98
Roundup® Ready Test	2
Tetrazolium Test	21
Endophyte Test	0
Ryegrass Fluorescence Test	202
Oats Fluorescence Test	85
Identification Test	1
400 Seed Count Test	98
Miscellaneous Test	17
Seed Count Test	56
Canada Noxious Weed Seed Test	128
Total Tests	9,655

* Includes preliminary and final seedling counts.

SEED ACT ENFORCEMENT

In the enforcement of the Seed Act, Plant Industry Inspectors visit wholesale and retail firms to inspect seed labeling and obtain samples for testing. The inspectors collected 1,760 seed samples. A total of 169 lots or 9.60% of these samples were found to be in violation of the Act, of which 156 (3,716 containers) were placed under 'Stop Sale' at 59 locations. These 'Stop Sales' are released when the owner or custodian of the seed follows the recommended procedure to have it relabeled in compliance with the law or otherwise disposed.

The tables on the following pages summarize the Seed Act Activities.

Table II is a comparison of the percentage of all violations for the past three years for all classes of seeds.

Table III summarizes the kinds of agriculture, vegetable and flower seeds tested with the number and percentage violation of each.

Table IV summarizes the inspection record of individual wholesale distributors giving total samples and number correctly labeled or in violation.

Table V represents a summary of crops, varieties and acres inspected by the seed certification program.

Table II

A comparison of violations of seed samples taken by seed inspectors.

Kinds	Number of Samples*	% Violations		
		7/1/2023 - 6/30/2024	7/1/2022 - 6/30/2023	7/1/2021 - 6/30/2022
Vegetable	976	5.53%	5.56%	5.63%
Agricultural	201	16.92%	17.75%	15.63%
Flower	296	6.08%	3.54%	5.17%
Sprouting Seed	4	50.00%	0.00%	100.00%
Pasture Mix or Blend	29	24.14%	28.13%	29.17%
Flower Mix or Blend	11	18.18%	0.00%	0.00%
Vegetable Mix or Blend	1	0.00%	0.00%	8.00%
Conservation Mix or Blend	4	25.00%	0.00%	0.00%
Vegetable Kit	0	0.00%	0.00%	100.00%
CSLT Grass Mix or Blend	154	24.68%	10.94%	11.25%
Native Warm Season Mix or Blend	0	0.00%	0.00%	0.00%
CSLT Grass Single Kind	84	15.48%	12.50%	9.09%
Totals	1,760	9.60%	8.52%	8.02%

* Samples collected by seed inspectors 7/1/2023 - 6/30/2024

Explanation of abbreviations used in tables.

- CL – Correctly labeled.
 SV – Serious violation, discrepancy exceeds double the tolerance.
 MV – Minor violation, discrepancy exceeds regular tolerance.
 TV – Technical violation, label does not bear all required information.
 #VIOL – Number of violations.
 %VIOL – Percentage of violations.

Table III

Total of each kind tested, number and percentage of violations.

Seed Kind Tested	Vegetable Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Artichoke	1	1	0	0	0	0	0.00%
Arugula	8	8	0	0	0	0	0.00%
Asparagus	1	1	0	0	0	0	0.00%
Asparagus Bean (Yardlong)	3	2	1	0	0	1	33.33%
Basil	23	23	0	0	0	0	0.00%
Bean, Garden	46	39	7	0	0	7	15.22%
Bean, Red Kidney	1	1	0	0	0	0	0.00%
Bean, Snap	5	4	1	0	0	1	20.00%
Beet	20	20	0	0	0	0	0.00%
Bok Choi	1	1	0	0	0	0	0.00%
Borage, Common	2	2	0	0	0	0	0.00%
Broccoli	18	17	1	0	0	1	5.56%
Broccoli Raab (Turnip Broccoli)	3	3	0	0	0	0	0.00%
Brussels-Sprouts	6	6	0	0	0	0	0.00%
Cabbage	10	10	0	0	0	0	0.00%
Cabbage, Chinese	2	2	0	0	0	0	0.00%
Cantaloupe	12	12	0	0	0	0	0.00%
Carrot	32	30	2	0	0	2	6.25%
Carrot, Wild	1	0	1	0	0	1	100.00%
Catnip	2	1	1	0	0	1	50.00%
Cauliflower	12	12	0	0	0	0	0.00%
Celeriac	1	1	0	0	0	0	0.00%
Celery	4	4	0	0	0	0	0.00%
Chamomile, Annual	1	1	0	0	0	0	0.00%
Chervil	1	1	0	0	0	0	0.00%
Chives	6	4	2	0	0	2	33.33%
Chives, Garlic	1	1	0	0	0	0	0.00%
Cilantro	6	6	0	0	0	0	0.00%
Collards	5	5	0	0	0	0	0.00%
Corn, Hybrid Sweet	10	10	0	0	0	0	0.00%
Corn, Sweet	13	13	0	0	0	0	0.00%

Seed Kind Tested	Vegetable Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Cornsalad	2	2	0	0	0	0	0.00%
Cowpea	3	3	0	0	0	0	0.00%
Cress, Upland	2	0	2	0	0	2	100.00%
Cucumber	48	46	2	0	0	2	4.17%
Dill	10	10	0	0	0	0	0.00%
Eggplant	17	17	0	0	0	0	0.00%
Endive	2	2	0	0	0	0	0.00%
Escarole	1	1	0	0	0	0	0.00%
Fennel, Sweet	2	2	0	0	0	0	0.00%
Garden Bean	2	2	0	0	0	0	0.00%
Gourd, Bottle	3	2	1	0	0	1	33.33%
Gourds, Luffa (Dishcloth)	1	1	0	0	0	0	0.00%
Honey Dew	1	1	0	0	0	0	0.00%
Kale	18	16	2	0	0	2	11.11%
Kohlrabi	6	6	0	0	0	0	0.00%
Leek	2	2	0	0	0	0	0.00%
Lemon Balm	2	2	0	0	0	0	0.00%
Lettuce	54	50	4	0	0	4	7.41%
Lima Bean	5	5	0	0	0	0	0.00%
Malabar Spinach	2	2	0	0	0	0	0.00%
Marjoram	1	1	0	0	0	0	0.00%
Melon, Chinese	1	1	0	0	0	0	0.00%
Melon, Oriental Pickling	1	1	0	0	0	0	0.00%
Melons	3	3	0	0	0	0	0.00%
Mint	1	1	0	0	0	0	0.00%
Mizuna, Mustard Greens	1	1	0	0	0	0	0.00%
Mustard	5	5	0	0	0	0	0.00%
Mustard, Chinese	1	1	0	0	0	0	0.00%
Mustard, Leaf	1	1	0	0	0	0	0.00%
Okra	6	6	0	0	0	0	0.00%
Onion	13	12	1	0	0	1	7.69%
Oregano	2	1	1	0	0	1	50.00%
Pakchoi	2	2	0	0	0	0	0.00%
Parsley	13	12	1	0	0	1	7.69%
Parsnip	2	1	1	0	0	1	50.00%
Pea, Garden	37	35	2	0	0	2	5.41%
Pepper	46	45	1	0	0	1	2.17%
Pepper, Habanero	2	2	0	0	0	0	0.00%
Pepper, Hot	38	38	0	0	0	0	0.00%
Petunias	1	1	0	0	0	0	0.00%
Popcorn	1	1	0	0	0	0	0.00%

Seed Kind Tested	Vegetable Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Pumpkin	28	26	2	0	0	2	7.14%
Radicchio	2	1	1	0	0	1	50.00%
Radish	37	35	2	0	0	2	5.41%
Rosemary	1	1	0	0	0	0	0.00%
Rutabaga	2	2	0	0	0	0	0.00%
Sage	3	1	2	0	0	2	66.67%
Salad Greens	1	1	0	0	0	0	0.00%
Scallion	1	1	0	0	0	0	0.00%
Scarlet Runner Bean	2	2	0	0	0	0	0.00%
Sesame	1	1	0	0	0	0	0.00%
Shallot	3	3	0	0	0	0	0.00%
Soybean	1	1	0	0	0	0	0.00%
Spinach	16	16	0	0	0	0	0.00%
Squash	30	29	1	0	0	1	3.33%
Squash, Autum-Winter	24	21	3	0	0	3	12.50%
Stevia, sweet	1	1	0	0	0	0	0.00%
Strawberry	1	0	1	0	0	1	100.00%
Sunflower	11	11	0	0	0	0	0.00%
Sunflower	1	1	0	0	0	0	0.00%
Sweet Corn	13	13	0	0	0	0	0.00%
Swiss Chard	5	5	0	0	0	0	0.00%
Tarragon	1	1	0	0	0	0	0.00%
Thyme	6	5	1	0	0	1	16.67%
Tomatillo	4	4	0	0	0	0	0.00%
Tomato	141	135	6	0	0	6	4.26%
Turnip	11	11	0	0	0	0	0.00%
Verbascum	1	1	0	0	0	0	0.00%
Watermelon	18	17	1	0	0	1	5.56%
Welsh onion	1	1	0	0	0	0	0.00%
Total	985	931	54	0	0	54	5.48%

Seed Kind Tested	Agricultural Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Alfalfa	13	12	1	0	0	1	7.69%
Barley	7	6	1	0	0	1	14.29%
Birdsfoot Trefoil	2	2	0	0	0	0	0.00%
Brome, Meadow	1	1	0	0	0	0	0.00%
Brome, Smooth	1	1	0	0	0	0	0.00%
Buckwheat	6	4	2	0	0	2	33.33%

Seed Kind Tested	Agricultural Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Clover	2	2	0	0	0	0	0.00%
Clover, Alsike	2	1	1	0	0	1	50.00%
Clover, Balansa	1	1	0	0	0	0	0.00%
Clover, Berseem	2	2	0	0	0	0	0.00%
Clover, Crimson	8	6	2	0	0	2	25.00%
Clover, Ladino White	1	0	0	1	0	1	100.00%
Clover, Red	14	10	3	1	0	4	28.57%
Clover, White	7	6	0	0	1	1	14.29%
Collards	1	1	0	0	0	0	0.00%
Corn, Hybrid Field	13	9	4	0	0	4	30.77%
Cowpea	3	2	1	0	0	1	33.33%
Festulolium, tetraploid	2	2	0	0	0	0	0.00%
Goldenrod	1	0	1	0	0	1	100.00%
Hairy Vetch	1	1	0	0	0	0	0.00%
Hard Fescue	2	2	0	0	0	0	0.00%
Kentucky Bluegrass	5	5	0	0	0	0	0.00%
Meadow Fescue	1	0	0	1	0	1	100.00%
Milkweed, Common	1	1	0	0	0	0	0.00%
Millet	1	0	1	0	0	1	100.00%
Oat	5	4	1	0	0	1	20.00%
Orchardgrass	7	7	0	0	0	0	0.00%
Pea, Field	1	1	0	0	0	0	0.00%
Peanut	1	1	0	0	0	0	0.00%
Pumpkin	1	1	0	0	0	0	0.00%
Radish	3	2	1	0	0	1	33.33%
Radish, Forage	6	5	1	0	0	1	16.67%
Rape, Annual	1	1	0	0	0	0	0.00%
Red Fescue	4	4	0	0	0	0	0.00%
Redtop	3	2	1	0	0	1	33.33%
Rye	10	8	2	0	0	2	20.00%
Ryegrass, Annual	16	15	1	0	0	1	6.25%
Ryegrass, Intermediate	1	1	0	0	0	0	0.00%
Ryegrass, Perennial	6	6	0	0	0	0	0.00%
Sorghum	3	2	1	0	0	1	33.33%
Sorghum-Sudangrass Hybrid	6	5	1	0	0	1	16.67%
Soybean	7	4	3	0	0	3	42.86%
Spelt	1	1	0	0	0	0	0.00%
Sudangrass	2	2	0	0	0	0	0.00%
Sunflower	2	1	1	0	0	1	50.00%
Sunn Hemp	2	1	1	0	0	1	50.00%
Switchgrass	1	0	1	0	0	1	100.00%

Seed Kind Tested	Agricultural Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Tall Fescue	16	12	4	0	0	4	25.00%
Timothy	7	7	0	0	0	0	0.00%
Triticale	4	4	0	0	0	0	0.00%
Turnip	6	4	0	2	0	2	33.33%
Wheat	19	18	1	0	0	1	5.26%
Total	239	196	37	5	1	43	17.99%

Seed Kind Tested	Flower Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Alyssum montanum	3	3	0	0	0	0	0.00%
Alyssum, Sweet	7	7	0	0	0	0	0.00%
Amaranthus	1	0	1	0	0	1	100.00%
Amaranthus	1	1	0	0	0	0	0.00%
Asclepias (Butterfly Weed)	3	3	0	0	0	0	0.00%
Aster, Alpine	1	1	0	0	0	0	0.00%
Baby's Breath	1	1	0	0	0	0	0.00%
Baby's Breath, Annual	1	1	0	0	0	0	0.00%
Baby's-Breath, perennial	1	1	0	0	0	0	0.00%
Bachelor's Button	2	2	0	0	0	0	0.00%
Balsam	1	1	0	0	0	0	0.00%
Begonia	1	1	0	0	0	0	0.00%
Bells of Ireland	1	1	0	0	0	0	0.00%
Black-Eyed Susan	2	2	0	0	0	0	0.00%
Blue Fescue	1	1	0	0	0	0	0.00%
Bluestem, Little	1	1	0	0	0	0	0.00%
Calendula	4	3	1	0	0	1	25.00%
Carnation	1	0	1	0	0	1	100.00%
Carrot, Wild	1	1	0	0	0	0	0.00%
Celosia	9	9	0	0	0	0	0.00%
Centaurea	1	1	0	0	0	0	0.00%
Chinese Lanterns	1	1	0	0	0	0	0.00%
Chrysanthemum	1	1	0	0	0	0	0.00%
Cleome	1	1	0	0	0	0	0.00%
Cobaea Cup-And-Saucer Vine	1	1	0	0	0	0	0.00%
Coleus	7	7	0	0	0	0	0.00%
Columbine	1	1	0	0	0	0	0.00%
Columbine (long spur)	3	3	0	0	0	0	0.00%
Coneflower, Purple	1	1	0	0	0	0	0.00%
Coreopsis, Large Flower	4	3	1	0	0	1	25.00%

Seed Kind Tested	Flower Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Corn, Ornamental	1	1	0	0	0	0	0.00%
Cornflower	3	3	0	0	0	0	0.00%
Cosmidium	1	1	0	0	0	0	0.00%
Cosmos	16	16	0	0	0	0	0.00%
Craspedia	1	1	0	0	0	0	0.00%
Cypress Vine	1	1	0	0	0	0	0.00%
Dahlia	1	1	0	0	0	0	0.00%
Daisy, Painted	1	1	0	0	0	0	0.00%
Daisy, Shasta	2	2	0	0	0	0	0.00%
Delphinium (Pacific Giants)	1	0	1	0	0	1	100.00%
Dianthus	3	3	0	0	0	0	0.00%
Echinacea	2	1	1	0	0	1	50.00%
Endive	1	1	0	0	0	0	0.00%
Four O'clock	2	2	0	0	0	0	0.00%
Foxglove	3	1	2	0	0	2	66.67%
Gaillardia	2	2	0	0	0	0	0.00%
Geranium	1	1	0	0	0	0	0.00%
Gerbera (Transvaal Daisy)	1	1	0	0	0	0	0.00%
Gomphrena	1	1	0	0	0	0	0.00%
Gourd, Bottle	1	1	0	0	0	0	0.00%
Hollyhock	2	1	1	0	0	1	50.00%
Ice Plant	1	1	0	0	0	0	0.00%
Impatiens	4	4	0	0	0	0	0.00%
Johnny Jump Up	1	1	0	0	0	0	0.00%
Kale, Ornamental	1	1	0	0	0	0	0.00%
Larkspur	1	1	0	0	0	0	0.00%
Lavender	5	4	1	0	0	1	20.00%
Lobelia	1	1	0	0	0	0	0.00%
Lunaria	1	1	0	0	0	0	0.00%
Lupine, Russell	1	1	0	0	0	0	0.00%
Marigold, African	4	3	1	0	0	1	25.00%
Marigold, French	8	7	1	0	0	1	12.50%
Marigold, Signet	1	1	0	0	0	0	0.00%
Marigold, Sweet	1	1	0	0	0	0	0.00%
Marigolds	4	4	0	0	0	0	0.00%
Matricaria	1	1	0	0	0	0	0.00%
Melampodium	1	1	0	0	0	0	0.00%
Milkweed, Common	1	1	0	0	0	0	0.00%
Monarda	1	1	0	0	0	0	0.00%
Moonflower	1	1	0	0	0	0	0.00%
Morning Glory	8	8	0	0	0	0	0.00%

Seed Kind Tested	Flower Seeds						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Nasturtium	13	13	0	0	0	0	0.00%
Nicotiana	1	1	0	0	0	0	0.00%
Nigella	1	1	0	0	0	0	0.00%
Pakchoi	1	1	0	0	0	0	0.00%
Pansy, Common	2	2	0	0	0	0	0.00%
Petunias	8	8	0	0	0	0	0.00%
Phacelia	1	1	0	0	0	0	0.00%
Phlox	1	1	0	0	0	0	0.00%
Phlox, Annual	1	1	0	0	0	0	0.00%
Poppy, Annual	1	1	0	0	0	0	0.00%
Poppy, California	3	3	0	0	0	0	0.00%
Poppy, Shirley	1	1	0	0	0	0	0.00%
Portulaca	1	1	0	0	0	0	0.00%
Roman Chamomile	1	0	1	0	0	1	100.00%
Rudbeckia	2	2	0	0	0	0	0.00%
Salvia	2	0	2	0	0	2	100.00%
Salvia	3	2	1	0	0	1	33.33%
Scabiosa (annual) /Mourning-bride	2	2	0	0	0	0	0.00%
Snapdragon	5	5	0	0	0	0	0.00%
Statice	1	1	0	0	0	0	0.00%
Statice	1	1	0	0	0	0	0.00%
Stock	1	1	0	0	0	0	0.00%
Strawflower	2	2	0	0	0	0	0.00%
Sunflower	26	26	0	0	0	0	0.00%
Sweet Pea, annual	2	2	0	0	0	0	0.00%
Sweet William	1	1	0	0	0	0	0.00%
Thunbergia	1	1	0	0	0	0	0.00%
Tithonia	1	1	0	0	0	0	0.00%
Tritoma	1	0	1	0	0	1	100.00%
Verbena, Rigid	1	1	0	0	0	0	0.00%
Vinca	2	2	0	0	0	0	0.00%
Viola	2	2	0	0	0	0	0.00%
Watermelon	1	1	0	0	0	0	0.00%
Yarrow, White	1	1	0	0	0	0	0.00%
Zinnia	42	42	0	0	0	0	0.00%
Total	294	277	17	0	0	17	5.78%

Seed Kind Tested	Feed						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Feed	1	1	0	0	0	0	0.00%

Seed Kind Tested	Pasture Mix or Blend						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Pasture Mix or Blend	29	22	6	1	0	7	24.14%

Seed Kind Tested	Flower Mix or Blend						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
Flower Mix or Blend	11	9	2	0	0	2	18.18%

Seed Kind Tested	CSLT Grass Mix or Blend						
	Total	CL	SV	TV	MV	#VIOL	%VIOL
CSLT Grass Mix or Blend	154	116	37	1	0	38	24.68%

Table IV

Vegetable Seeds Wholesale Distributors			Vegetable Seeds			
			CL	SV	TV	MV
AMERICAN SEED CO INC	SPRING GROVE	PA	1	2	0	0
BACK TO THE ROOTS	OAKLAND	CA	8	0	0	0
BENTLEY SEEDS, INC.	CAMBRIDGE	NY	1	0	0	0
BOTANICAL INTERESTS INC	BROOMFIELD	CO	2	0	0	0
BURPEE GARDEN PRODUCTS	WARMINSTER	PA	776	40	0	0
FERN CREST GREENHOUSE	QUARRYVILLE	PA	1	0	0	0
FISHERS GREENHOUSE & GARDEN CENTER LLC	STRASBURG	PA	3	0	0	0
GREEN GARDEN PRODUCTS	NORTON	MA	22	2	0	0
GREENLAND SUPPLIES	LANCASTER	PA	1	0	0	0
HAKES FARM & SEED SERVICE	RED LION	PA	5	0	0	0
HEIRLOOM SEED PROJECT	LANCASTER	PA	1	0	0	0
HILLTOP GARDENS	PARADISE	PA	0	1	0	0
HILLTOP GREENHOUSE	QUARRYVILLE	PA	1	0	0	0
HYBRID SEED COMPANY INC	GETTYSBURG	PA	1	0	0	0
MARTINS PRODUCE SUPPLIES	SHIPPENSBURG	PA	3	0	0	0
NOLTS PRODUCE SUPPLIES, LLC	LEOLA	PA	8	2	0	0
OUTSTANDING SEED CO, LLC	BEAVER FALLS	PA	1	1	0	0
P L ROHRER & BRO, INC.	LANCASTER	PA	46	2	0	0
PEQUEA CREEK GREENHOUSES	WILLOW STREET	PA	1	0	0	0
ROHRER SEEDS	SMOKETOWN	PA	13	1	0	0
ROHRER SEEDS	LANCASTER	PA	21	2	0	0
SINGING SPRING SEEDS	STRASBURG	PA	3	0	0	0
TOWNS EDGE GARDEN CENTER	NEW HOLLAND	PA	1	0	0	0
WEST YORK AGWAY	YORK	PA	2	0	0	0
WILLOW VALLEY HARDWARE, LLC DBA TRIPLE-M-SEEDS	NEW HOLLAND	PA	0	1	0	0
		Total	922	54	0	0

Agricultural Seeds Wholesale Distributors			Agricultural Seeds			
			CL	SV	TV	MV
AGRI MAXX WHEAT COMPANY, LLC	MASCOUTAH	IL	2	0	0	0
ASPEN INVESTMENTS INC DBA HRC OUTDOORS	LEETSDALE	PA	1	0	0	0
ASPEN INVESTMENTS INC DBA HRC OUTDOORS	LEETSDALE	PA	4	1	0	0
BARENBRUG USA	TANGENT	OR	1	0	0	0
BAYER CROPSCIENCE LP	CHESTERFIELD	MO	1	0	0	0
BAYER CROPSCIENCE LP	SAINT LOUIS	MO	3	3	0	0
BFG SUPPLY DBA WETSEL	CHESWICK	PA	29	4	0	1
BOTTOM LINE AG SUPPLY, LLC	STRASBURG	PA	0	1	0	0

Agricultural Seeds Wholesale Distributors			Agricultural Seeds			
			CL	SV	TV	MV
CENTRAL FARM AND GARDEN	WOOSTER	OH	1	0	0	0
CHEMGRO SEEDS	EAST PETERSBURG	PA	7	3	0	0
CORTEVA AGRISCIENCE MCS LLC	JOHNSTON	IA	0	1	0	0
DLF PICKSEED	HALSEY	OR	3	1	0	0
DOMAIN OUTDOOR, LLC	HUDSON	WI	1	0	1	0
EDDIE MERCER AGRI SERVICE, INC.	FREDERICK	MD	0	1	0	0
ERNST CONSERVATION SEED	MEADVILLE	PA	1	3	1	0
FM BROWN'S SONS, INC.	SINKING SPRING	PA	2	0	0	0
GREEN PARK SEEDS	LOYSVILLE	PA	1	2	0	0
GREENWAY ANIMAL NUTRITION	CLINTON	ON	1	0	0	0
GROWMARK FS, LLC	MILFORD	DE	1	0	0	0
GROWMARK INC	BLOOMINGTON	IL	26	1	0	0
GROWMARK, INC	BLOOMINGTON	IL	1	0	1	0
HADLEY SEED FARM	HADLEY	PA	0	1	0	0
HEFTY SEED COMPANY	BALTIC	SD	2	0	0	0
HELENA AGRI-ENTERPRISES, LLC	FREDERICK	MD	1	0	0	0
HYBRID SEED COMPANY INC	GETTYSBURG	PA	1	0	0	0
KING'S AGRI SEEDS, INC.	LANCASTER	PA	11	1	0	0
LANCASTER SEED SALES LLC	MOUNT JOY	PA	2	0	0	0
LEABROOK AG	LANCASTER	PA	12	1	0	0
LITTLE BRITAIN AGRI SUPPLY, INC	QUARRYVILLE	PA	0	1	0	0
LOVELAND PRODUCTS, INC	GREELEY	CO	2	0	0	0
MID-ATLANTIC SEED	YORK	PA	1	0	0	0
MS TECHNOLOGIES LLC	WEST POINT	IA	1	0	0	0
P L ROHRER & BRO, INC.	LANCASTER	PA	1	0	0	0
PENNINGTON SEED INC	MADISON	GA	2	0	0	0
PENNINGTON SEED, INC.	GREENFIELD	MO	2	0	0	0
PINE CREEK SEED FARM, LLC	JERSEY SHORE	PA	3	1	0	0
PREFERRED SEED COMPANY, INC.	BUFFALO	NY	6	1	1	0
ROHRER SEEDS	LANCASTER	PA	1	0	0	0
S & W SEED COMPANY	NEW DEAL	TX	1	0	0	0
SEEDTIME	EAST PETERSBURG	PA	2	0	0	0
SEEDWAY, LLC	HALL	NY	26	2	0	0
W I MILLER & SONS	FARMDALE	OH	3	0	0	0
WINFIELD SOLUTIONS, LLC	SAINT PAUL	MN	1	0	0	0
		Total	167	29	4	1

Flower Seeds Wholesale Distributors			Flower Seeds			
			CL	SV	TV	MV
BACK TO THE ROOTS	OAKLAND	CA	1	0	0	0
BENTLEY SEEDS, INC.	CAMBRIDGE	NY	1	0	0	0

Flower Seeds Wholesale Distributors			Flower Seeds			
			CL	SV	TV	MV
BURPEE GARDEN PRODUCTS	WARMINSTER	PA	241	16	0	0
GREEN GARDEN PRODUCTS	NORTON	MA	9	0	1	0
P L ROHRER & BRO, INC.	LANCASTER	PA	17	1	0	0
ROHRER SEEDS	LANCASTER	PA	8	0	0	0
ROHRER SEEDS	SMOKETOWN	PA	1	0	0	0
		Total	278	17	1	0

Feed Wholesale Distributors			Feed			
			CL	SV	TV	MV
F M BROWN'S SONS, INC.	SINKING SPRING	PA	1	0	0	0
		Total	1	0	0	0

Sprouting Seed Wholesale Distributors			Sprouting Seed			
			CL	SV	TV	MV
BURPEE GARDEN PRODUCTS	WARMINSTER	PA	2	2	0	0
		Total	2	2	0	0

Pasture Mix or Blend Wholesale Distributors			Pasture Mix or Blend			
			CL	SV	TV	MV
BARENBRUG USA	TANGENT	OR	4	0	0	0
DLF PICKSEED	HALSEY	OR	2	1	0	0
GREEN PARK SEEDS	LOYSVILLE	PA	2	2	0	0
GROWMARK INC	BLOOMINGTON	IL	2	0	1	0
KING'S AGRI SEEDS, INC.	LANCASTER	PA	10	1	0	0
LITTLE BRITAIN AGRI SUPPLY, INC	QUARRYVILLE	PA	1	0	0	0
ROHRER SEEDS	LANCASTER	PA	0	1	0	0
SCOTT PET PRODUCTS	ROCKVILLE	IN	0	1	0	0
SEEDWAY, LLC	HALL	NY	1	0	0	0
		Total	22	6	1	0

Flower Mix or Blend Wholesale Distributors			Flower Mix or Blend			
			CL	SV	TV	MV
BURPEE GARDEN PRODUCTS	WARMINSTER	PA	2	0	0	0
GARDEN INNOVATIONS LLC	CLEVELAND	GA	0	2	0	0
GREEN GARDEN PRODUCTS	NORTON	MA	4	0	0	0
MOUNTAIN VIEW SEEDS LIMITED	SALEM	OR	1	0	0	0
SKYLINE ENCAP HOLDINGS LLC DBA ENCAP	GREEN BAY	WI	1	0	0	0

Flower Mix or Blend Wholesale Distributors			Flower Mix or Blend			
			CL	SV	TV	MV
THE PAGE SEED COMPANY	GREENE	NY	1	0	0	0
		Total	9	2	0	0

Vegetable Mix or Blend Wholesale Distributors			Vegetable Mix or Blend			
			CL	SV	TV	MV
BURPEE GARDEN PRODUCTS	WARMINSTER	PA	1	0	0	0
		Total	1	0	0	0

Conservation Mix or Blend Wholesale Distributors			Conservation Mix or Blend			
			CL	SV	TV	MV
BFG SUPPLY DBA WETSEL	CHESWICK	PA	1	0	0	0
GREEN PARK SEEDS	LOYSVILLE	PA	1	0	0	0
HAKES FARM & SEED SERVICE	RED LION	PA	1	0	0	0
ROHRER SEEDS	LANCASTER	PA	0	1	0	0
		Total	3	1	0	0

CSLT Grass Mix or Blend Wholesale Distributors			CSLT Grass Mix or Blend			
			CL	SV	TV	MV
AMERICAN SEED CO INC	SPRING GROVE	PA	3	0	0	0
AQUARIUS SUPPLY, INC	HAWTHORNE	NJ	1	0	0	0
ASPEN INVESTMENTS INC DBA HRC OUTDOORS	LEETSDALE	PA	0	1	0	0
BARENBRUG USA	TANGENT	OR	8	1	0	0
BFG SUPPLY DBA WETSEL	CHESWICK	PA	7	2	0	0
DLF PICKSEED	HALSEY	OR	8	0	0	0
EAGLE EYE MARKETING, INC.	BERLIN	CT	0	2	0	0
GENESIS TURFGRASS INC	GLEN ROCK	PA	1	0	0	0
GREEN GARDEN PRODUCTS	NORTON	MA	1	0	0	0
GROWMARK INC	BLOOMINGTON	IL	2	1	0	0
HISTANDS SUPPLY	WYCOMBE	PA	3	0	0	0
JERSEY SEED INC.	NEW BRUNSWICK	NJ	2	0	0	0
JONATHAN GREEN, INC.	FARMINGDALE	NJ	2	0	0	0
KING'S AGRI SEEDS, INC.	LANCASTER	PA	0	1	0	0
LEBANON SEABOARD CORP	LEBANON	PA	11	5	0	0
LESCO, INC.	CLEVELAND	OH	4	1	0	0
MID-ATLANTIC SEEDS, INC.	YORK	PA	1	0	0	0
MOUNTAIN VIEW SEEDS LIMITED	SALEM	OR	1	3	0	0
MOUNTAIN VIEW SEEDS LIMITED	SALEM	OR	1	1	0	0

CSLT Grass Mix or Blend Wholesale Distributors			CSLT Grass Mix or Blend			
			CL	SV	TV	MV
P L ROHRER & BRO, INC.	LANCASTER	PA	1	0	0	0
PENNINGTON SEED	LEBANON	OR	1	0	1	0
PENNINGTON SEED INC	MADISON	GA	1	0	0	0
PENNINGTON SEED, INC.	GREENFIELD	MO	16	8	0	0
PURE SEED	CANDY	OR	0	2	0	0
ROHRER SEEDS	LANCASTER	PA	3	2	0	0
ROHRER SEEDS	SMOKETOWN	PA	1	0	0	0
ROSE AGRI-SEED INC D/B/A PURE SEED	HUBBARD	OR	0	2	0	0
SEEDWAY, LLC	HALL	NY	14	5	0	0
THE SCOTTS COMPANY	MARYSVILLE	OH	13	0	0	0
THE SCOTTS COMPANY	MARYSVILLE	OH	7	0	0	0
WAL MART SUPERCENTER #2519	SHREWSBURY	PA	1	0	0	0
WALKER SUPPLY INC	CORAOPOLIS	PA	1	0	0	0
WEST YORK AGWAY	YORK	PA	1	0	0	0
		Total	116	37	1	0

CSLT Grass Single Kind Wholesale Distributors			CSLT Grass Single Kind			
			CL	SV	TV	MV
ALLIANCE SEED INC	BROOKLYN	NY	6	0	1	0
BFG SUPPLY CO.	BURTON	OH	1	0	0	0
BFG SUPPLY DBA WETSEL	CHESWICK	PA	25	5	0	0
CENTRAL FARM AND GARDEN	WOOSTER	OH	1	0	0	1
DLF PICKSEED	HALSEY	OR	5	0	0	0
FM BROWN'S SONS, INC.	SINKING SPRING	PA	3	1	0	0
GROWMARK INC	BLOOMINGTON	IL	1	0	0	0
LESCO, INC.	CLEVELAND	OH	1	0	0	0
LOWES -HANOVER	HANOVER	PA	1	0	0	0
MID-ATLANTIC SEEDS, INC.	YORK	PA	3	0	0	0
NORTHAMPTON COUNTY SEED, CO.	NAZARETH	PA	3	0	0	0
PINE CREEK SEED FARM, LLC	JERSEY SHORE	PA	2	1	0	0
PREFERRED SEED COMPANY, INC.	BUFFALO	NY	0	1	0	0
SEEDWAY, LLC	HALL	NY	19	2	0	0
THE SCOTTS COMPANY	MARYSVILLE	OH	0	1	0	0
		Total	71	11	1	1

SEED CERTIFICATION
TABLE V
SUMMARY OF FIELD INSPECTIONS FOR 2023
(JULY 1, 2023- JUNE 30, 2024)

CROP	VARIETY	FOUNDATION	REGISTERED	CERTIFIED	Q/A
Barley	Avalon	----	----	62.00	----
	Hirondella	----	----	54.10	----
	Marouetta	----	----	113.41	----
	Scala	----	----	15.00	----
	Secretariat	----	----	124.60	----
Hemp	Ursa Grande	10.00	----	----	----
Oat	Hayden	----	132.00	31.50	----
Potato	Colomba	----	----	64.80	----
	EVA	----	----	6.92	----
	Lamoka	----	----	34.08	----
	Mackinaw	----	----	4.04	----
	Norwis	----	----	2.10	----
	Reba	----	----	2.38	----
	Red Lasoda	----	----	123.60	----
	Red Maria	----	----	5.25	----
	Satina	----	----	8.00	----
	Sifra	----	----	30.50	----
	Snowden	----	----	23.20	----
	Waneta	----	----	95.24	----
Triticale	Short Beard Thunder	----	----	404.80	----
TOTAL ACRES		10.00	132.00	1205.52	0.00

The acreages listed above were inspected for certification. Seed harvested acreage that has passed field inspection must also meet laboratory standards (noxious weed seed, purity analysis, and germination), set by regulations, to complete certification.

Number of Samples per fiscal Year

(July 1st - June 30th)

