

**2009**

**Los Angeles County Crop and Livestock Report**

# Table of Contents

Million Dollar Commodities .....	3
Summary .....	4
Nursery Products .....	5
Cut Flowers and Decoratives .....	5
Fruit and Nut Crops .....	6
Vegetable Crops .....	7
Field Crops .....	8
Dairy and Livestock .....	8
Apiary .....	9
Forest Products .....	9
Sustainable Agriculture Reporting .....	10
Pest Detection Activities .....	11
Pest Eradication Activities .....	11
Biological Control Activities .....	12
Pest Exclusion Activities .....	12

# MILLION DOLLAR COMMODITIES

---

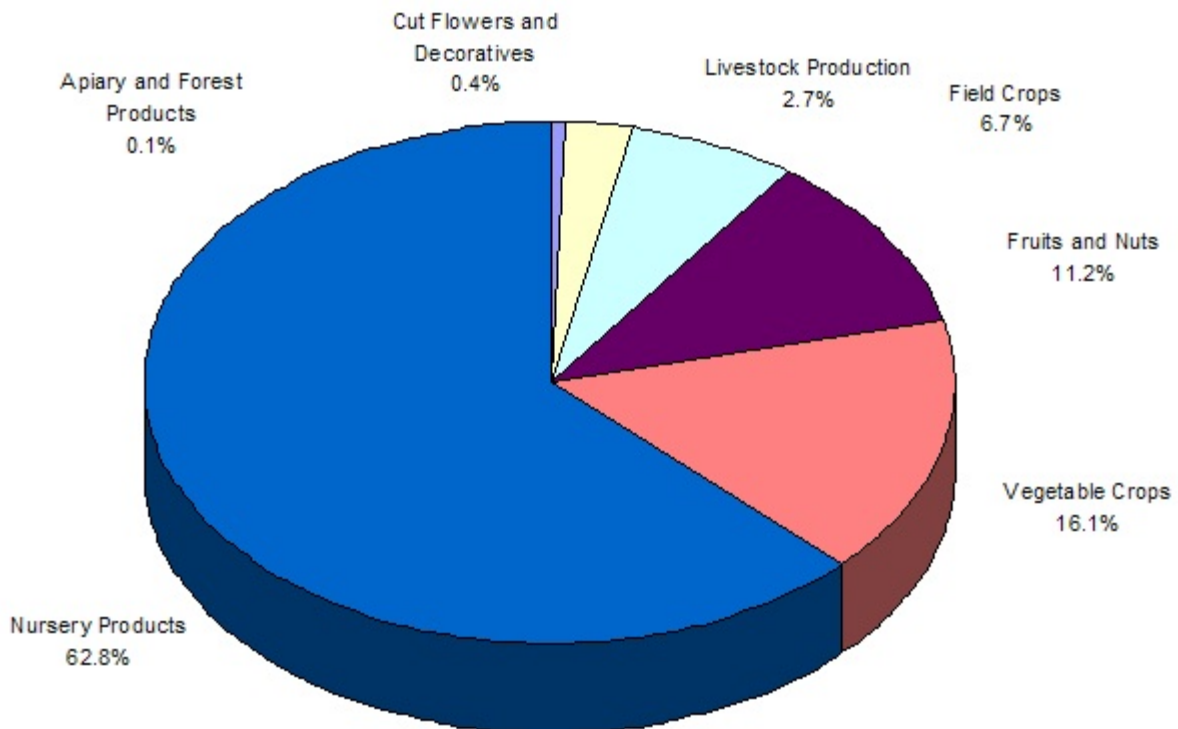
---

1.	Ornamental Trees and Shrubs	\$71,698,000
2.	Root Vegetables	25,085,000
3.	Bedding Plants	22,965,000
4.	Orchard Fruit	12,763,000
5.	Alfalfa Hay	8,636,000
6.	Dairy & Livestock	5,154,000
7.	Indoor Plants, Foliage	4,879,000
8.	Grapes	4,702,000
9.	Indoor Plants, Flowering	2,564,000
10.	Strawberries	2,215,000
11.	Vine Crops	1,864,000
12.	Ground Covers	1,570,000
13.	Grain Hay	1,535,000

# SUMMARY

Commodity	2007	2008	2009
Nursery Products	\$173,580,000	\$137,308,000	\$119,105,000
Cut Flowers and Decoratives	734,000	671,000	810,000
Fruits and Nuts	24,469,000	20,996,000	21,252,000
Vegetable Crops	33,523,000	44,155,000	30,357,000
Field Crops	12,327,000	14,185,000	12,624,000
Livestock Production	8,513,000	7,839,000	5,154,000
Apiary	207,000	1,021,000	246,000
Forest Products	15,000	16,000	12,000
<b><u>TOTAL</u></b>	<b><u>\$253,368,000</u></b>	<b><u>\$226,191,000</u></b>	<b><u>\$189,560,000</u></b>

## Year 2009 Crop Value Summary Total Value: \$189,560,000



# NURSERY PRODUCTS

Item	Year	Green House Square Feet	Field Acres	Total Value	
<b>Ornamental Trees and Shrubs</b>	<b>2009</b>	<b>3,681,000</b>	<b>1,228</b>	<b>\$71,698,000</b>	▼
	2008	3,614,000	1,577	81,142,000	
<b>Bedding Plants</b>	<b>2009</b>	<b>1,287,000</b>	<b>102</b>	<b>\$22,965,000</b>	▼
	2008	1,359,000	138	31,970,000	
<b>Indoor Plants, Flowering</b>	<b>2009</b>	<b>545,000</b>	<b>1</b>	<b>\$2,564,000</b>	▼
	2008	501,000	0	3,311,000	
<b>Indoor Plants, Foliage</b>	<b>2009</b>	<b>278,000</b>	<b>2</b>	<b>\$4,879,000</b>	▲
	2008	340,000	8	2,910,000	
<b>Ground Covers</b>	<b>2009</b>	<b>205,000</b>	<b>26</b>	<b>\$1,570,000</b>	▼
	2008	156,000	26	1,927,000	
<b>Miscellaneous *</b>	<b>2009</b>	<b>296,000</b>	<b>802</b>	<b>\$15,429,000</b>	▼
	2008	182,000	764	16,048,000	
<b>TOTAL</b>	<b>2009</b>	<b>6,292,000</b>	<b>2,161</b>	<b>\$119,105,000</b>	▼
	2008	6,152,000	2,513	\$137,308,000	

\* Includes perennials, vegetable plants, bonsai plants, orchids, sod, palm trees, turf, and cacti.

# CUT FLOWERS & DECORATIVES

Item	Year	Green House Square Feet	Field Acres	Total Value	
<b>Miscellaneous *</b>	<b>2009</b>	<b>50,000</b>	<b>75</b>	<b>\$810,000</b>	▲
	2008	35,000	77	671,000	

\* Includes lilacs, pompoms, freesias, fruit blossoms, mums, snapdragons, yarrow, delphiniums, Christmas trees, and other miscellaneous flowers.

# FRUIT & NUT CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value		
<b>Strawberries</b>	<b>2009</b>	<b>101</b>	<b>9.5</b>	<b>956</b>	<b>Ton</b>	<b>\$2,317</b>	<b>\$2,215,000</b>	<b>▲</b>	
	2008	107	8.3	890	Ton	\$2,330	2,074,000		
<b>Avocados</b>	<b>2009</b>	<b>80</b>	<b>0.6</b>	<b>50</b>	<b>Ton</b>	<b>\$1,749</b>	<b>\$87,000</b>	<b>▼</b>	
	2008	81	3.0	243	Ton	\$1,100	\$267,000		
<b>Cherries</b>	<b>2009</b>	<b>152</b>	<b>1.2</b>	<b>183</b>	<b>Ton</b>	<b>\$4,000</b>	<b>\$732,000</b>	<b>▼</b>	
	2008	150	1.3	195	Ton	\$4,000	784,000		
<b>Apples</b>	<b>2009</b>	<b>130</b>	<b>3.0</b>	<b>390</b>	<b>Ton</b>	<b>\$1,300</b>	<b>\$507,000</b>	<b>▼</b>	
	2008	131	3.0	392	Ton	\$1,298	509,000		
<b>Grapes</b>	<b>2009</b>	<b>370</b>	<b>3.7</b>	<b>1,355</b>	<b>Ton</b>	<b>\$3,470</b>	<b>\$4,702,000</b>	<b>▲</b>	
	2008	400	3.1	1,250	Ton	\$2,214	2,768,000		
<b>Orchard Fruit</b>	<b>2009</b>	<b>1,072</b>	Includes nectarines, peaches, pears, plums, oranges, tangerines, apricots, lemons, and grapefruit.				<b>\$12,763,000</b>	<b>\$12,763,000</b>	<b>▼</b>
	2008	1,075						14,233,000	
<b>Miscellaneous</b>	<b>2009</b>	<b>52</b>	Includes figs, pistachios, raspberries, other miscellaneous fruit, and nut crops.				<b>\$246,000</b>	<b>\$246,000</b>	<b>▼</b>
	2008	82						361,000	
<b>TOTAL</b>	<b>2009</b>	<b>1,957</b>						<b>\$21,252,000</b>	<b>▲</b>
	2008	2,026						20,996,000	

# VEGETABLE CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value	
<b>Root</b>	<b>2009</b>	<b>3,601</b>	Includes dry onions, carrots, potatoes, radishes, beets, turnips, and other root vegetables.				<b>\$25,085,000</b>	▼
<b>Vegetables</b>	2008	6,872					41,221,000	
<b>Herbs</b>	<b>2009</b>	<b>12</b>	Includes cilantro, parsley, chives, mint, thyme, and other herbs.				<b>\$718,000</b>	▲
	2008	19					501,000	
<b>Table Greens</b>	<b>2009</b>	<b>10</b>	Includes spinach, kale, oriental specialties, and lettuce.				<b>\$301,000</b>	▲
	2008	9					122,000	
<b>Vine Crops</b>	<b>2009</b>	<b>132</b>	Includes cucumbers, green beans, melons, pumpkins, squash, tomatoes, watermelons, and zucchini.				<b>\$1,864,000</b>	▲
	2008	111					1,268,000	
<b>Miscellaneous</b>	<b>2009</b>	<b>326</b>	Includes bell peppers, cacti, celery, chard, sweet corn, green onions, Mexican onions, and other miscellaneous.				<b>\$2,389,000</b>	▲
	2008	205					1,043,000	
<b>TOTAL</b>	<b>2009</b>	<b>4,081</b>					<b>\$30,357,000</b>	▼
	2008	7,216					44,155,000	

## FIELD CROPS

Item	Year	Acreage	Production Per Acre	Production Total	Unit	Value Per Unit	Total Value
Alfalfa Hay	2009	7,044	8.3	58,662	Ton	\$147	\$8,636,000 ▼
	2008	5,698	8.5	48,353		\$214	10,359,000
Grain Hay	2009	4,868	2.8	13,714	Ton	\$112	\$1,535,000 ▼
	2008	3,504	3.5	12,246		\$190	2,322,000
Rangeland	2009	47,400					\$930,000 ▲
	2008	46,200					735,000
Miscellaneous	2009	3,784 *				**	\$1,523,000 ▲
	2008	1,385 *				**	769,000
TOTAL	2009	15,696 ***					\$12,624,000 ▼
	2008	10,587 ***					14,185,000

\* Acreage excludes stubble.

\*\* Value includes irrigated pasture, sudan hay, oat hay, and grazing privileges on stubble.

\*\*\* Excluding rangeland and stubble.

## DAIRY & LIVESTOCK

Item	Year	Total Value
	2009	\$5,154,000 ▼
	2008	7,839,000



## APIARY

Item	Year	Production	Unit	Value Per Unit	Total Value	
<b>Honey</b>	<b>2009</b>	<b>121,960</b>	<b>Lb.</b>	<b>\$1.89</b>	<b>\$205,000</b>	▼
	2008	217,110		\$3.77	819,000	
<b>Beeswax</b>	<b>2009</b>	<b>3,096</b>	<b>Lb.</b>	<b>\$2.58</b>	<b>\$8,000</b>	▲
	2008	192		\$3.65	1,000	
<b>Miscellaneous</b>	<b>2009</b>				<b>\$33,000</b>	▲
	2008				201,000	
<b>TOTAL</b>	<b>2009</b>				<b>\$246,000</b>	▼
	2008				1,021,000	

## FOREST PRODUCTS

Item	Year	Total Value	
<b>Firewood *</b>	<b>2009</b>	<b>\$12,000</b>	▼
	2008	16,000	

\* Figures obtained from USDA Forest Service, Angeles National Forest.

# SUSTAINABLE AGRICULTURE REPORTING

## Organic Farming Statistics

<u>Crops</u>	<u>Estimated Acres</u>	
	<u>2009</u>	<u>2008</u>
Apples	0.36	0.51
Apricots	7.50	8
Avocados	20	18
Cactus Pears	5	3
Cherimoyas	1.05	1
Cherries	2.25	0.25
Citrus	24.07	24
Grapes	0.95	28
Herbs (including sprouts)	3	3
Peaches	11.25	13.64
Pears	0.02	0
Persimmons	2	1
Pomegranates	1.13	1
Miscellaneous	1	1
Vegetables	30.60	28.60
<b>TOTAL</b>	<b><u>110.18</u></b>	<b><u>131.00</u></b>

<u>Year</u>	<u>Farms</u>	<u>Acres</u>
<b>2009</b>	<b>25</b>	<b>110.18</b>
2008	17	131.00

## PEST DETECTION ACTIVITIES

Pest	Number of Traps Pest Detection	Specimens Trapped
Mexican Fruit Fly	4,973	0
Mediterranean Fruit Fly	5,010	3
Melon Fly	4,994	14
Oriental Fruit Fly	4,994	0
Striped Fruit Fly (traps shared with Melon Fly)		9
White Striped Fruit Fly (traps shared with Melon Fly)		8
Guava Fruit Fly (traps shared with Oriental Fruit Fly)		6
Gypsy Moth	2,159	0
Asian Gypsy Moth (traps shared with Gypsy Moth)		2
Japanese Beetle	3,080	1
Khapra Beetle	299	0
European Pine Shoot Moth	10	0
European Corn Borer	4	0
Light Brown Apple Moth	4,973	109
<b>TOTAL</b>	<b><u>30,496</u></b>	<b><u>152</u></b>

## PEST ERADICATION ACTIVITIES

Pest	Method	Scope of Program
Mediterranean Fruit Fly	Ground bait and increased sterile Mediterranean Fruit Fly release	1 treatment area
White Striped Fruit Fly	Ground bait and eradication traps	1 treatment area
Oriental Fruit Fly	Male Attractant Technique	1 treatment area
Mediterranean Fruit Fly	Continued preventative program: sterile Medfly release countywide	Approximately 8.5 billion steriles released
Guava Fruit Fly	Male Attractant Technique	1 treatment area
Red Imported Fire Ant	Treatments completed Survey Work	1,004 properties 15,773 properties/4,337 acres

# BIOLOGICAL CONTROL ACTIVITIES

Pest	Agent/Mechanism	Scope of Program
Mediterranean Fruit Fly	Sterile Release	8,528,484,096 sterile Medflies released

# PEST EXCLUSION ACTIVITIES

Pest Exclusion Violations	Number of Violations Issued
Infested/Presumed Infested	247
Markings	62
Burrowing and Reniform Nematodes	7
Light Brown Apple Moth	6
Proof of Ownership	4
Citrus Pests	15
Failure to Hold	20
Federal (Hawaiian) Quarantine	2
Asian Citrus Psyllid (ACP)	15
Japanese Beetle	4
Mishandling	7
Plum Curculio and Blueberry Maggot	3
Red Imported Fire Ant	1
Ozonium Root Rot	2
Cedar Apple Rust	1
 <b>TOTAL</b>	 <b><u>396</u></b>

# PEST EXCLUSION ACTIVITIES

<u>PEST INTERCEPTED</u> <i>Latin Name</i> (Common Name)	<u>MATERIAL</u>	<u>SOURCE*</u>	<u># of</u> <u>INTERCEPTIONS</u>
<b><u>Entomology Laboratory</u></b>			
<i>Agallia sp.</i> (Leafhopper)	Cut foliage	Quar	9
<i>Aleurodicus dispersus</i> (Spiraling whitefly)	Cut foliage	Quar	11
<i>Aleuroglandulus subtilis</i> (Whitefly)	Cut foliage	Quar	1
<i>Aleurotrachelus sp.</i> (Whitefly)	Cut foliage	Quar	3
<i>Anoplolepis gracilipes</i> (Long-legged ant)	Cut foliage	Quar	1
<i>Araecerus coffeae</i> (Coffee bean weevil)	Basil	Quar	1
<i>Aspidiotus destructor</i> (Coconut scale)	Cut foliage	Quar	9
<i>Atractomorpha sinensis</i> (Slant-faced grasshopper)	Basil	Quar	5
<i>Bagrada hilaris</i> (Bagrada bug)	Broccoli/Alyssum	Pub	3
<i>Boreioglycaspis melaleucae</i> (Melaleuca psyllid)	Melaleuca	Pub	1
<i>Bradybaena similaris</i> (Snail)	Cut foliage	Quar	7
<i>Camponotus sp.</i> (Ant)	Dracaena	Quar	1
<i>Ceroplastes rubens</i> (Red wax scale)	Palm	Quar	2
<i>Ceroplastes rusci</i> (Fig wax scale)	Palm/Cut foliage	Quar	5
<i>Ceroplastes stellifer</i> (Stellate scale)	Cut foliage	Quar	9
<i>Chlorophorus annularis</i> (Coconut scale)	Bamboo	Pub	1
<i>Chrysodeixis eriosoma</i> (Green garden looper)	Cut foliage	Quar	16
<i>Cinara sp.</i> (Aphid)	Cut foliage	Quar	1
<i>Coccus viridis</i> (Green scale)	Cut foliage	Quar	1
<i>Coccus sp.</i> (Soft scale )	Cut foliage	Quar	6
<i>Coptotermes sp.</i> (Termite)	Basil	Quar	1
<i>Crematogaster sp.</i> (Ant)	Ginger	Quar	1
<i>Curtomerus flavus</i> (Longhorned beetle)	Cut foliage	Quar	2
<i>Diaphania nitidalis</i> (Pickworm)	Tindora	Quar	3
<i>Diploptera punctata</i> (Pacific beetle cockroach)	Cut foliage	Quar	3
<i>Eleutherodactylus coqui</i> (Coqui frog)	Palm	Quar	1

# PEST EXCLUSION ACTIVITIES

<u>PEST INTERCEPTED</u> <i>Latin Name</i> (Common Name)	<u>MATERIAL</u>	<u>SOURCE*</u>	<u># of INTERCEPTIONS</u>
<i>Elimaea punctifera</i> (Katydid)	Cut foliage	Quar	2
<i>Empoasca sp.</i> (Leafhopper)	Cut foliage	Quar	4
<i>Eumerus figurans</i> (Ginger maggot)	Ginger	Quar	4
<i>Euschistus sp.</i> (Stink bug)	Oregano	Quar	1
<i>Ferrisia sp.</i> (Mealybug)	Rambutan	Quar	1
<i>Frankliniella tritici</i> (Eastern flower thrips)	Mock-orange	Quar	1
<i>Geococcus coffeae</i> (Coffee root mealybug)	Palm	Quar	1
<i>Geotomus pygmaeus</i> (Burrowing bug)	Ginger	Quar	1
<i>Gyponana germari</i> (Leafhopper)	Cut foliage	Quar	19
<i>Hemiberlesia palmae</i> (Tropical palm scale)	Bay leaves	Quar	1
<i>Heteropsylla sp.</i> (Psyllid)	Basil	Quar	1
<i>Homalodisca vitripennis</i> (Glassy-winged sharpshooter - adults)	Nursery plants	Nurs	4717
<i>Homalodisca vitripennis</i> (Glassy-winged sharpshooter - eggs)	Nursery plants	Nurs	344
<i>Ishnaspis longirostris</i> (Black thread scale)	Rambutan	Quar	1
<i>Kallitaxila granulata</i> (Planthopper)	Cut foliage	Quar	29
<i>Lepisiota sp.</i> (Ant)	Longan	Quar	1
<i>Lopholeucaspis cockerelli</i> (Cockerell scale)	Cut foliage	Quar	2
<i>Meghimatium striatum</i> (Slug)	Dracaena	Quar	3
<i>Nipaecoccus sp.</i> (Coconut mealybug)	Palm	Quar/Nurs	15
<i>Nysius sp.</i> (Lygaeid bug)	Cut foliage	Quar	26
<i>Ochetellus glaber</i> (Ant)	Cut foliage	Quar	4
<i>Ophelimus sp.</i> (Eucalyptus gall wasp)	Blue gum eucalyptus	Pub	3
<i>Orchidophilus sp.</i> (Weevil)	Basil	Quar	2
<i>Paraleyrodes sp.</i> (Whitefly)	Palm	Quar	1
<i>Parmarion martensi</i> (Semislug)	Cut foliage	Quar	1
<i>Pentarthrum sp.</i> (Weevil)	Cut foliage	Quar	2

# PEST EXCLUSION ACTIVITIES

<u>PEST INTERCEPTED</u> <i>Latin Name</i> (Common Name)	<u>MATERIAL</u>	<u>SOURCE*</u>	<u># of</u> <u>INTERCEPTIONS</u>
<i>Phaneroptera furcifera</i> (Katydid)	Cut foliage	Quar	5
<i>Pheidole megacephala</i> (Big headed ant)	Cut foliage	Quar	14
<i>Phenacoccus sp.</i> (Mealybug)	Basil	Quar	1
<i>Philephedra lutea</i> (Soft scale)	Ginger	Quar	1
<i>Pinnaspis buxi</i> (Boxwood scale)	Cut foliage	Quar	16
<i>Pinnaspis strachani</i> (Lesser snow scale)	Cut foliage	Quar	4
<i>Planococcus sp.</i> (Mealybug)	Cut foliage	Quar	3
<i>Platycorypha nigrivirga</i> (Tipu psyllid)	Tipu tree	Pub	1
<i>Poliaspis cycadis</i> (Cycad poliaspis scale)	Sago Palm	Nurs	1
<i>Protaetia fusca</i> (Mango flower beetle)	Cut foliage	Quar	1
<i>Protopulvinaria pyriformis</i> (Pyriform scale)	Nurs/Cut flowers	Nurs/Quar	3
<i>Pseudaulacaspis cockerelli</i> (Magnolia white scale)	Cut foliage	Quar	6
<i>Pseudococcus jackbeardsleyi</i> (Mealybug)	Basil	Quar	5
<i>Pseudococcus lycopodii</i> (Mealybug)	Lycopodium	Quar	1
<i>Pseudococcus sp.</i> (Mealybug)	Cut foliage	Quar	1
<i>Pseudomyrmex gracilis</i> (Ant)	Protea	Quar	1
<i>Pulvinaria psidii</i> (Green shield scale)	Nursery plants	Nurs	2
<i>Pulvinaria urbicola</i> (Urban soft scale)	Cut foliage	Quar	1
<i>Remaudiereana nigriceps</i> (Lygaeid bug)	Ginger	Quar	1
<i>Rhytidoporus indentatus</i> (Negro bug)	Sweet potato	Quar	1
<i>Ripersiella hibisci</i> (Soil mealybug)	Palm	Quar	2
<i>Saissetia sp.</i> (Soft scale)	Protea	Quar	1
<i>Scotinophara tarsalis</i> (Stink bug)	Cut foliage	Quar	2
<i>Selenaspidus articulatus</i> (Rufous scale)	Cut foliage	Quar	2
<i>Selitrichodes globulus</i> (Blue gum eucalyptus gall wasp)	Eucalyptus	Pub	1
<i>Semanotus bifasciatus</i> (Longhorned beetle)	Fir furniture	Quar	1

# PEST EXCLUSION ACTIVITIES

<u>PEST INTERCEPTED</u> <i>Latin Name</i> (Common Name)	<u>MATERIAL</u>	<u>SOURCE*</u>	<u># of</u> <u>INTERCEPTIONS</u>
<i>Solenopsis geminata</i> (Tropical fire ant)	Cut foliage	Quar	4
<i>Sybra alternans</i> (Longhorned beetle)	Cut foliage	Quar	2
<i>Tarophagus colocasiae</i> (Taro planthopper)	Ginger	Quar	1
<i>Technomyrmex albipes</i> (White footed ant)	Cut foliage	Quar	42
<i>Tranes internatus</i> (Weevil)	Cycad	Nurs	1
<i>Trialeurodes sp.</i> (Whitefly)	Bay leaves	Quar	1
<i>Trigonidomorpha sjostedti</i> (Cricket)	Longan / Sweet potato	Quar	7
<i>Veronicella sp.</i> (Slug)	Cut foliage	Quar	6
<i>Wasmannia auropunctata</i> (Ant)	Ginger	Quar	2
<i>Xylosandrus sp.</i> (Bark beetle)	Coriander	Quar	1
<i>Xyphon sp.</i> (Leaphopper)	Basil	Quar	1
<b>TOTAL</b>			<b><u>5,437</u></b>

## Plant Pathology Laboratory

<i>Carthamus lanatus</i> (Woolly Distaff Thistle)	Seed	Pub	1
<i>Alternanthera phyllantheroides</i> (Alligator Weed)	Weed	Pub	1
<i>Lepidium latifolium</i> (Perennial Peppergrass)	Weed	Pub	1
<i>Centaurea melitensis</i> (Toxicole)	Weed	Pub	1

Source\*: Nurs: Nursery Quar: Quarantine Pub: Public