

RESEARCH REPORT
OF
COMMISSION OF AGRICULTURE AND HORTICULTURE

PERIOD
JULY 1, 1941 TO JUNE 30, 1942

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COMPILED BY
THE ARIZONA TAX RESEARCH ASSOCIATION
425 HEARD BUILDING
PHOENIX, ARIZONA

COMMISSION OF AGRICULTURE AND HORTICULTURE

This research report reflects the activities of the Department for the fiscal year 1941-42. The Department's operating expenditures are all paid out of appropriation funds, and the expenditures for the period are reflected in details on Schedules 1 and 2, pages 3, 4, and 7, and Exhibits A and B, pages 5 and 6 of this report.

Schedule 1 and Exhibits A and B, pages 3 to 6 inclusive reflect the normal appropriation and expenditures, and Schedule 2, page 7 reflects the special, or emergency appropriation expenditures. For the year 1941-42, the normal appropriations were reduced \$3,200.00 as in comparison to appropriations for the fiscal year 1940-41. On the comparative basis the appropriations were as follows:

	<u>1940-41</u>	<u>1941-42</u>	<u>Decrease</u>
Salaries and wages	\$81,300.00	\$80,800.00	\$ 500.00
Operation	6,000.00	5,000.00	1,000.00
Travel	6,000.00	4,500.00	1,500.00
Capital Investment	250.00	250.00	
Repairs and re- placements	500.00	300.00	200.00
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TOTALS	94,050.00	90,850.00	3,200.00

Out of the total normal appropriations there was expended the sum of \$89,843.66, and \$1,006.34 reverted to the State General Fund, detailed as follows:

Salaries and wages	\$865.04
Travel	54.33
Operation	13.16
Capital Investment	43.04
Repairs and Replacements	30.77

For details of travel and station operation expenditures by individual stations see Exhibits A and B, pages 5 and 6.

SPECIAL APPROPRIATIONS
Schedule 2, Page 7

Included in the regular appropriations for the fiscal year 1941-42, there was appropriated \$1,250.00 for the construction of the Holbrook inspection station. This amount was paid to the contractor, evidently being the full amount of the obligation.

ERADICATION OF GRASSHOPPERS

For the purpose, there was appropriated the sum of \$30,000.00. During the year, there was expended out of this appropriation the sum of \$24,406.31, thus reflecting a carry-over balance as of June 30, 1942, of \$5,593.69. The principal amount of expenditures was for airplane rent and which was in the sum of \$23,572.22, paid as follows:

Quick Crop Co.	Plane rent	168 hrs. @ \$35 per hr.	\$5,886.41
Mal Casberry	Plane rent	324 hrs. @\$54.58 per hr.	17,685.81

Other expenses paid were for Salaries, \$547.00; Subsistence, \$193.85; Travel, \$24.72; Telephone, \$13.45; Extermination Supplies, \$55.09. See Schedule 2, page 7.

EXTERMINATION OF CITRUS RED SCALE

For this purpose there was appropriated the sum of \$5,000.00. During the year, there was expended the sum of \$814.80, thus reflecting a carry-over balance as of June 30, 1942, of \$4,185.20. Most of this work is carried on during the summer months when college help is available, and it is possible that the major part of the unexpended amount has been absorbed during the summer season's activities.

OBSERVATIONS

Much of the activities and the major part of the work of the State Department of Agriculture and Horticulture, referring to the payrolls and duties performed by the payees, has been in connection with the port of entry stations as maintained by the department. In referring to Exhibit C, pages 8 and 9 (the statistical report) it will be noted that all statistics, excepting the Inspection of Apairies, are based on port of entry station interception reports. All of the interceptions are based on auto traffic for the year 1941, which was at a peak during that year, and the same has steadily declined during the year 1942, and it will continue to decline, at least during the emergency.

The transporting of food commodities by auto transports also will materially decline and much more of these commodities will be transported by rail, subject to inspections at terminal points. During the year 1941, there were 14,048 terminal point inspections with shipments cleared of 13,324, condemned in part, 422; and condemned entirely, 302. Terminal, rail, and truck shipments, as can be seen, comply generally with prescribed standards applied in the marketing of produce, and all, with one possible exception, that of nursery stock, are subject to consumption rather than contact with growing crops in the course of developments in communities where they are shipped, so the danger of contamination from this source is comparatively small. During the year 1941-42, there were three district inspectors employed, stationed at Safford, Tucson, and Phoenix, presumably for the purpose of terminal inspections.

There is much produce transported out of Utah to Arizona points that apparently escape inspection, unless they are cleared through terminal point inspection facilities. At Mexican ports of entry, there are Federal inspection stations that perhaps would suffice if the federal restrictions on commodities are the same as those of Arizona.

For Road inspection stations there was paid out in salaries and wages during the year \$52,634.29. There were eight inspection stations maintained during the period, allowing one supervising inspector for each station at \$1,800.00. There was expended for assistants, the sum of \$38,234.29. The annual salary scale for assistants during the year was \$1,500.00, thus indicating that there was approximately 26 assistants at the various stations, or in excess of three for each station in addition to the supervising inspectors.

In authorizing the biennial appropriations for the department for 1943-44 and 1944-45, there should be taken into consideration the large curtailment of passenger automobile traffic, and further, that commodities by auto transports will also be greatly reduced due to the limitation of available rubber for civilian use.

COMMISSION OF AGRICULTURE AND HORTICULTURE

NORMAL APPROPRIATION AND EXPENDITURES

FISCAL YEAR 1941-42

	APPROPRIATED	EXPENDED	REVERTED AND UNEXPENDED BALANCE
SALARIES AND WAGES	\$ 80,800.00	\$	\$
<u>EXPENDITURES</u>			
DEAN STANLEY	BOARD MEMBER	300.00	
K. B. McMICKEN	" "	300.00	
RAY W. WARD	" "	300.00	
L. E. LAUDERDALE	STATE ETOMOLOGIST	3,000.00	
HARRIET JEAN OLIVER	SEC'Y. AND CHIEF CLERK	2,100.00	
W. C. HANEY	DISTRICT ETOMOLOGIST	2,400.00	
C. D. LEBERT	ASST. ETOMOLOGIST	2,400.00	
D. H. CARVER	DISTRICT INSPECTOR, SAFFORD	1,800.00	
L. B. CURTIS	" " TUCSON	1,800.00	
U. L. RUSSELL	" " PHOENIX	1,800.00	
J. W. BARRETT	CROP PEST INSPECTOR	1,516.67	
E. E. ADAMS	MARKET " "	1,500.00	
P. H. PARKER	NURSERY " "	1,375.00	
RUTH E. OLSEN	STENOGRAPHER	1,500.00	
MELLIE R. STEAD	RECORD CLERK	1,500.00	
W. A. CROCKETT	FIELD APairy INSPECTOR	1,380.00	
A. CRUCKCHANK	MISCELLANEOUS CROP PEST INSPECTOR	255.00	
J. R. BLAIR	" " " "	30.00	
J. S. BOCKETT	" " " "	75.00	
DUFFY PALMER	" " " "	157.50	
C. O. CLEAVER	" " " "	22.50	
H. W. GRIFFITH	" " " "	150.00	
C. A. BEMEER	" " " "	150.00	
F. A. DOWNS	" " " "	150.00	
F. G. HADNOT	" " " "	150.00	
CLEON R. ETTER	" " " "	25.00	
S. S. FRANCHESE	" " " "	120.00	
J. W. DUFFIELD	" " " "	120.00	
L. A. SCOTT	" " " "	60.00	
PAUL R. GRANT	FIELD APairy INSPECTOR	285.00	
A. J. UHLE	" " " "	156.00	
T. L. STOCKWELL	" " " "	6.00	
GLEN F. BLAIR	" " " "	72.00	
H. W. SMITH	ROAD " "	1,800.00	
H. C. GREER	" " " "	1,800.00	
R. D. CRANDALL	" " " "	1,800.00	
ALTON DUKE	" " " "	725.00	
JENE BRADSHAW	" " " "	125.00	
W. H. WINDES	" " " "	715.00	
E. A. McSWIGGEN	" " " "	181.45	
J. A. BROWN	" " " "	1,800.00	
OLIN MAY, JR.	" " " "	1,575.00	
J. C. FITZGERALD	" " " "	1,800.00	
B. H. HUFFMAN	" " " "	1,679.15	
JAMES TOWNE	" " " "	1,500.00	
EDWARD P. BEALS	" " " "	625.00	
L. N. BLACK	" " " "	125.00	
P. M. MERCER	" " " "	1,500.00	
A. G. CARNS	" " " "	1,500.00	
W. A. BRAWNER	" " " "	1,062.50	
J. W. MILLER	" " " "	437.50	
STEVE FAZIO	" " " "	1,312.50	
ERNEST R. HALL	" " " "	1,500.00	
WALT G. WOLFE	" " " "	687.50	
S. C. SPENCER	" " " "	125.00	
F. V. LUMLEY	" " " "	798.38	
WALDO J. WILLIAMS	" " " "	104.17	
J. H. DUNGAN	" " " "	583.33	
E. L. WANN	" " " "	1,312.50	
E. G. THELE	" " " "	1,500.00	
C. J. MERCER	" " " "	1,250.00	
V. G. COCHRAN	" " " "	1,500.00	
L. W. NICHOLS	" " " "	625.00	
C. R. WHITACKER	" " " "	167.50	
WESLEY F. JONES	" " " "	62.50	
J. H. MORTON	" " " "	562.50	
C. M. SHEARER	" " " "	625.00	
C. E. HALLOWAY	" " " "	1,500.00	
VIRGIL ROBERTS	" " " "	1,500.00	
R. A. FLOCK	" " " "	1,125.00	
FLYNN BREWTON	" " " "	375.00	
G. E. MARTIN	" " " "	1,520.83	
E. F. LOVING	" " " "	1,678.32	
W. C. EMBY	" " " "	562.50	
R. H. LAYTON	" " " "	687.50	
W. H. MORRIS	" " " "	1,437.50	
WM. R. WHITE	MISCE'L. CROP PEST INSPECTOR	125.00	
E. A. CAMPBELL	ROAD INSPECTOR	854.17	
WM. KAUFFMAN	" " " "	726.60	
JOHN S. BENSON	" " " "	125.00	
C. M. HETHERLY	" " " "	141.67	
ROBERT H. CRANDALL	" " " "	62.50	
H. J. BROWN	" " " "	163.57	
GEO. W. STINSON	" " " "	312.50	
B. A. VIDRINE	" " " "	786.29	
G. E. BANSOMB	" " " "	598.79	
FRED RUSSELL	" " " "	812.50	
B. W. HUGHES	" " " "	794.35	
L. D. DIVILBESS	" " " "	838.71	
S. E. BIGLER	" " " "	737.90	

	APPROPRIATED	EXPENDED	REVERTED AND UNEXPENDED BALANCE
R. C. SAUFLEY		\$ 701.81	\$
C. F. LEE	ROAD INSPECTOR	562.50	
W. E. COVINGTON	" "	562.50	
TOTAL SALARIES AND WAGES	80,800.00	79,934.96	865.04
<u>TRAVEL</u>	4,500.00		
<u>EXPENDITURES</u>			
PRIVATE CAR MILEAGE 45,783		2,289.13	
GAS & OIL STATE CAR MILEAGE 53,666		1,014.75	
COMMON CARRIER		103.48	
LODGING AND SUBSISTENCE		766.05	
CAR REPAIRS STATE CAR		272.26	
TOTAL TRAVEL (FOR DETAIL SEE EXHIBIT A)	4,500.00	4,445.67	54.33
<u>OPERATION</u>	5,000.00		
<u>EXPENDITURES</u>			
POSTAGE AND BOX RENT		785.10	
TELEPHONE AND TELEGRAPH		607.19	
OFFICIAL BONDS		30.00	
INSURANCE		9.01	
UTILITIES, WATER AND LIGHT		1,427.26	
ICE AND FUEL OIL		419.33	
MISC'L. AND OFFICE SUPPLY		1,434.17	
LABORATORY SUPPLIES		18.44	
LEGAL NOTICES		5.40	
AUTO LIEU TAX		23.94	
LAND RENT		62.00	
GARAGE AND STORAGE RENT		60.00	
DUES		15.00	
TOTAL OPERATION FOR STATION EXPENSE (FOR DETAIL SEE EXHIBIT B)	5,000.00	4,986.84	13.16
<u>MISCELLANEOUS CAPITAL INVESTMENT</u>	250.00		
<u>EXPENDITURES</u>			
SPRAYER AND EQUIPMENT		53.77	
DRINKING FOUNTAIN (SOLOMONVILLE)		16.67	
2 CHAIRS		19.91	
FIRE EXTINGUISHERS		38.31	
BOOKS FOR LIBRARY		15.25	
3 DESK LAMPS		28.05	
PENCIL SHARPENER		4.50	
LABORATORY SUPPLIES		30.50	
TOTAL MISC'L. CAPITAL INVESTMENT	250.00	206.96	43.04
<u>REPAIRS AND REPLACEMENTS</u>	300.00		
<u>EXPENDITURES</u>			
REPAIR DRINKING FOUNTAIN, YUMA		1.80	
REPAIR OFFICE DESK, PHOENIX		5.67	
REPAIR TYPEWRITER, PHOENIX		12.77	
FLUSH VALVE, YUMA		3.35	
ROOF REPAIR, BENSON		9.09	
PRESSURE GAUGE, PHOENIX		1.50	
REPAIR TO SPRAYS		4.66	
REPAIR TYPEWRITER AND ADDING MACHINE, PHOENIX		64.50	
REPAIR ELECTRIC FAN, PHOENIX		8.05	
REPAIR SOLOMONVILLE STATION		64.24	
REPAIR SIGNS BENSON		25.00	
PAINTING GLOBE STATION		68.60	
TOTAL REPAIRS AND REPLACEMENTS	300.00	269.23	30.77
TOTAL NORMAL APPROPRIATION AND EXPENDITURES	90,850.00	89,843.66	1,006.34

COMMISSION OF AGRICULTURE AND HORTICULTURE

TRAVEL EXPENSE DETAIL

FISCAL YEAR 1941-42

<u>EMPLOYEE</u>	<u>PRIVATE CAR MILEAGE</u>	<u>AMOUNT @ 5¢ PAID</u>	<u>STATE CAR MILEAGE</u>	<u>AMOUNT PAID GAS AND OIL MINOR REPAIRS</u>	<u>TOTAL TRAVEL PAID</u>	<u>LODGING AND SUBSISTENCE PAID</u>
J. L. E. LAUDERDALE	5,543	277.15		\$	277.15	64.80
J. L. E. LAUDERDALE TRAIN TO SALEM OREGON CONVENTION					86.65*	40.70
J. W. BARRETT	428	21.40	11,244	187.13	208.53	236.55
P. H. PARKER	5,242	262.10	3,576	49.02	311.12	44.52
E. E. ADAMS	339	16.95	15,199	251.25	268.20	6.55
W. C. HANEY	8,402	420.10			420.10	
L. B. CUITIS	10,346	517.30			517.30	
H. L. RUSSELL			10,809	215.53	215.53	
D. B. CARVER	8,975	448.75			448.75	
W. A. BRAWNER	63	3.15			3.15	29.96
C. D. LEBERT	790	39.50	12,838	311.82	351.32	138.56
K. B. MCMICKEN	445	22.25			22.25	5.40
L. W. NICHOLS	225	11.25			11.25	73.30
R. D. CRANDALL	137	6.85			6.85	
W. H. WINDES	264	13.20			13.20	
J. C. FITZGERALD	110	5.50			5.50	
RAY W. WARD	1200	60.00			60.00	27.71
RAY W. WARD TRAIN FARE YUMA & RETURN TWO TRIPS					16.83*	
H. J. BROWN	272	13.60			13.60	1.50
B. H. HUFFMAN	538	26.90			26.90	2.95
R. H. LAYTON	192	9.60			9.60	9.00
E. F. LOVING	140	7.00			7.00	
V. G. COCKRAN	444	22.18			22.18	77.65
WM. KAUFMAN	899	44.95			44.95	
G. E. MARTIN	395	19.75			19.75	6.80
H. W. SMITH	394	19.70			19.70	
TOTAL MILEAGE	45,783		53,666			
TOTAL TRAVEL EXPENSE		2,289.13		1,014.75	3,303.88	766.05
REPAIRS TO STATE CARS					272.26	
*COMMON CARRIER TRAVEL					103.48	
LODGING AND SUBSISTENCE					<u>766.05</u>	
TOTAL EXPENDITURES					4,445.67	

COMMISSION OF AGRICULTURE AND HORTICULTURE

OPERATION BY STATIONS

FISCAL YEAR 1941-42

STATIONS	POSTAGE AND BOX RENT	TELEPHONE AND TELEGRAPH	OFFICIAL BONDS AND INSURANCE	UTILITIES AND WATER	ICE AND FUEL OIL	MISCELL- ANEOUS SUPPLIES	LABORA- TORY SUPPLIES	MISCELL. EXPENSE	TOTAL
PHOENIX OFFICE	\$ 718.00	\$ 224.04	\$ 39.01			1,139.04	\$ 48.44	\$ 166.34	\$ 2,334.87
GLOBE	1.50	56.74		153.55	56.72	51.89			320.40
HOLBROOK	10.40	56.65		208.65	60.52	50.52			386.74
SOLOMONVILLE	22.85	48.00		197.29	103.06	74.53			445.73
KINGMAN	3.00	38.00		146.67	59.42	27.94			275.11
TUCSON	4.50	9.55				.92			14.97
YUMA	7.00	125.23		298.13	31.52	79.59			541.47
SAFFORD	15.45	48.90				.72			65.07
BENSON	2.40			262.39	67.32	34.17			366.28
EHRENBERG				160.58	24.66	23.81			209.05
PARKER					16.11	11.04			27.15
TOTAL	785.10	607.19	39.01	1,427.26	419.33	1,494.17	48.44	166.34	4,986.84

COMMISSION OF AGRICULTURE AND HORTICULTURE

SPECIAL APPROPRIATIONS AND EXPENDITURES

FISCAL YEAR 1941-42

	<u>APPROPRIATED</u>	<u>EXPENDED</u>	<u>BALANCE FORWARD TO 1942-43</u>
<u>CAPITAL INVESTMENT</u>	\$ 1,250.00	\$	\$
BUILDING INSPECTION STATION AT HOLBROOK			
<u>EXPENDITURES</u>			
PAYMENT TO J. R. LLOYD		1,250.00	
TOTAL	1,250.00	1,250.00	NONE
<u>ERADICATION OF GRASSHOPPER INFESTATION</u>	30,000.00		
<u>EXPENDITURES</u>			
G. C. QUICK SALARY		90.00	
15 INSPECTORS		400.00	
1 BOOKKEEPER		45.00	
1 PLANE TIMEKEEPER		12.00	
PLANE RENT 168 HOURS PLUS @ \$35.00 PER HOUR		5,886.41	
PLANE RENT 324 HOURS PLUS @ 54.50 PER HOUR		17,685.81	
SUPPLIES		55.07	
TELEPHONE		13.45	
MILEAGE COMMON CARRIER		7.55	
MILEAGE AUTO 1142 MILES		17.17	
SUBSISTANCE		193.85	
TOTAL GRASSHOPPER ERADICATION	30,000.00	24,406.31	5,593.69
<u>EXTERMINATION OF CITRUS RED SCALE</u>	5,000.00		
<u>EXPENDITURES</u>			
SALARIES AND WAGES INSPECTORS		505.66	
TELEPHONE		1.05	
REPAIRS TO TENTS		15.00	
SUPPLIES AND MATERIALS		238.28	
CAR MILEAGE PRIVATE CAR 125 MILES		6.25	
CAR MILEAGE STATE CAR 1125 MILES, GAS AND OIL		17.01	
LODGING AND SUBSISTENCE		31.55	
TOTAL RED SCALE EXPENDITURES	5,000.00	814.80	4,185.20
TOTAL BALANCES FORWARD			9,778.89

COMMISSION OF AGRICULTURE AND HORTICULTURE

INSPECTION STATION STATISTICS

YEAR 1941

CARS INSPECTED 1941

KINGMAN	151,667
EHRENBERG	158,270
SOLOMONVILLE	97,589
BENSON	84,638
YUMA	137,709
HOLBROOK	220,660
GLOBE	15,480
PARKER	11,867
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TOTAL 1941	877,890
TOTAL 1940	704,336
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INCREASE 1941	173,544

TRUCKS INSPECTED 1941

KINGMAN	1,011
EHRENBERG	27,986
SOLOMONVILLE	5,879
BENSON	9,370
YUMA	5,463
HOLBROOK	6,029
GLOBE	1,289
PARKER	313
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TOTAL 1941	57,340
TOTAL 1940	53,023
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INCREASE 1941	4,317

CARS CARRYING CONTRABAND 1941	75,248
CARS CARRYING CONTRABAND 1940	68,838
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INCREASE 1941	6,410

LOTS OF CONTRABAND MATERIAL CARRIED

CITRUS FRUITS	41,255	HAY AND STRAW	295	CAPE JASMINE	184
HONEY	3,282	ROSES	23	APPLES	20,646
AVOCADOS	1,143	MISC'L. TREES	61	PECANS	2,154
CACTI	304	MISC'L. FRUITS	4,795	SWEET POTATOES	314
MISC'L. CUTTINGS	400	PINE TREE CUTTINGS	6	COCONUTS	157
COTTON	15,901	PINEAPPLES	31	SPANISH MOSS	238
GRAPEVINES	48	STRAWBERRY PLANTS	11	CORN ON COB, IN SHOCK	195
IVY	53	MISC'L. NUTS	1,798	NATIVE PLANTS	17
MISC'L. PLANTS	522	PALMS & CUTTINGS	20	SUGAR CANE	19
		SOIL	4		
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TOTAL CONTRABAND 1941	93,874				
TOTAL CONTRABAND 1940	88,358				
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INCREASE 1941	5,516				

PESTS INTERCEPTED

<u>TIMES INTERCEPTED</u>	<u>TIMES INTERCEPTED</u>	<u>TIMES INTERCEPTED</u>			
RED SCALE	24,991	SUGAR CANE BORER	18	PALM SCALE	5
PURPLE SCALE	12,467	COCONUT SCALE	39	PINELEAF SCALE	15
COTTONY		CITRUS CANKER	1	COTTON ROLL WEEVIL	39
CUSHION SCALE	18	OLEANDER SCALE	1	SWEET POTATO WEEVIL	3
SOFT BROWN SCALE	79	PEACH TWIG BORER	1	PINK BOLLWORM	3
MEALYBUGS	936	IVY SCALE	1,260	CITRICOLA SCALE	7
LATANIA SCALE	48	CLOVERS SCALE	1,908	BARNACLE SCALE	2
RED SPIDER	119	CACTUS SCALE	21	CORN BORER	1
GREEDY SCALE	386	CHAFF SCALE	9,639	HEMISPHERICAL SCALE	1
BLACK SCALE	56	CROWN GALE	3	CORN EARWORM	6
ROSE SCALE	6	CODDLING MOTH	33	GRAPE PHYLLOXERA	1
NUT WEEVIL	358	APHIS	1	UNDETERMINED SCALE	13
CASE BEARERS	490	WHITE FLY	200		
ORIENTAL FRUIT		ARGENTINE ANTS	3		
MOTH	180	SAN JOSE SCALE	31		
NEMATODES	3	YELLOW SCALE	1		
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TOTAL PESTS INTERCEPTED 1941	53,388				
TOTAL PESTS INTERCEPTED 1940	50,838				
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INCREASE 1941	2,550				

ARIZONA TERMINAL POINTS INSPECTIONS

YEAR 1941

NURSERY STOCK, FRUITS, NUTS, ETC., MAIL, EXPRESS FREIGHT, AND TRUCK SHIPMENTS.

TOTAL SHIPMENTS INSPECTED	14,048	
RELEASED		13,324
CONDEMNED IN PART		422
CONDEMNED ENTIRELY		302
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SHIPMENTS INSPECTED 1940	13,559	
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INCREASE 1941	489	

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EXHIBIT C

PESTS FOUND ON THE ABOVE SHIPMENTS

RED SCALE	151	BOTRYTIS BLIGHT	1	PHYLLOXERA	1
MEALYBUGS	111	BULB ROT	2	ORIENTAL FRUIT	
IVY SCALE	54	RUST	1	MOTH	2
WHITEFLY	35	ENONYMUS SCALE	2	HEMISPHERICAL	
RED SPIDER	14	GREY SCALE	1	SCALE	1
ASPIDISTRA SCALE	4	PUTNAM SCALE	2	PALM SCALE	1
JUNIPER SCALE	1	CODDLING MOTH	1	ROOT BORERS	1
CROWN GALL	73	SOFT BROWN SCALE	12	HEMLOCK SCALE	1
CACTUS SCALE	2	BLACK SCALE	22	UNDETERMINED	
APHIS	2	LATANJA SCALE	15	SCALE	25
GREEDY SCALE	5	EUROPEAN COHN		COTTONY CUSHION	
POWDERY MILDEW	1	BORER	1	SCALE	1
PURPLE SCALE	8	ROOT ROT	5		
YELLOW SCALE	1	NEMATODES	14		
CASE BEARER	1	GLOVERS SCALE	1		
		TOTAL PESTS	576		

APIARY INSPECTIONS

TOTAL APIARIES INSPECTED	722
TOTAL COLONIES INSPECTED	41,322
TOTAL COLONIES QUARANTINED	4,424
TOTAL COLONIES BURNED	157
TOTAL APIARIES RECHECKED FOR DISEASE	1,855