

UNIVERSITY OF FLORIDA  
AGRICULTURAL EXPERIMENT STATION  
Wilmon Newell, Director

---

# FLORIDA TRUCK CROP COMPETITION

## II. Intra-State

By JOHN L. WANN

---

Bulletins will be sent free upon application to the  
Agricultural Experiment Station  
GAINESVILLE, FLORIDA

## BOARD OF CONTROL

P. K. YONGE, Chairman, Pensacola  
A. H. BLANDING, Bartow  
W. B. DAVIS, Perry

RAYMER F. MAGUIRE, Orlando  
FRANK J. WIDEMAN, West Palm Beach  
J. T. DIAMOND, Secretary, Tallahassee

## STATION EXECUTIVE STAFF

JOHN J. TIGERT, M.A., LL.D., President  
WILMON NEWELL, D.Sc., Director  
H. HAROLD HUME, M.S., Asst. Dir., Research  
S. T. FLEMING, A.B., Asst. Dir., Admin.  
J. FRANCIS COOPER, M.S.A., Editor

R. M. FULGHUM, B.S.A., Asst. Editor  
IDA KEELING CRESAP, Librarian  
RUBY NEWHALL, Secretary  
K. H. GRAHAM, Business Manager  
RACHEL McQUARRIE, Accountant

## MAIN STATION—DEPARTMENTS AND INVESTIGATORS

### AGRONOMY

W. E. STOKES, M.S., Agronomist  
W. A. LEUKEL, Ph.D., Associate  
G. E. RITCHEY, M.S.A., Assistant\*  
FRED H. HULL, M.S., Assistant  
J. D. WARNER, M.S., Assistant  
JOHN P. CAMP, M.S.A., Assistant

### ANIMAL HUSBANDRY

A. L. SHEALY, D.V.M., Veterinarian in Charge  
E. F. THOMAS, D.V.M., Asst. Veterinarian  
R. B. BECKER, Ph.D., Associate in Dairy Husbandry  
W. M. NEAL, Ph.D., Assistant in Animal Nutrition  
C. R. DAWSON, B.S.A., Assistant Dairy Investigations

### CHEMISTRY

R. W. RUPRECHT, Ph.D., Chemist  
R. M. BARNETTE, Ph.D., Associate  
C. E. BELL, M.S., Assistant  
J. M. COLEMAN, B.S., Assistant  
H. W. WINSOR, B.S.A., Assistant  
H. W. JONES, B.S., Assistant

### COTTON INVESTIGATIONS

E. F. GROSSMAN, M.A., Assistant  
P. W. CALHOUN, B.S., Assistant

### ECONOMICS, AGRICULTURAL

C. V. NOBLE, Ph.D., Agricultural Economist  
BRUCE MCKINLEY, A.B., B.S.A., Associate  
M. A. BROOKER, Ph.D., Assistant

### ECONOMICS, HOME

QUIDA DAVIS ABBOTT, Ph.D., Head  
L. W. GADDUM, Ph.D., Biochemist  
C. F. AHMANN, Ph.D., Physiologist

### ENTOMOLOGY

J. R. WATSON, A.M., Entomologist  
A. N. TISSOT, M.S., Assistant  
H. E. BRATLEY, M.S.A., Assistant  
L. W. ZIEGLER, B.S., Assistant

### HORTICULTURE

A. F. CAMP, Ph.D., Horticulturist  
HAROLD MOWRY, B.S.A., Associate  
M. R. ENSIGN, M.S., Assistant  
A. L. STAHL, Ph.D., Assistant  
G. H. BLACKMON, M.S.A., Pecan Cultures  
C. B. VAN CLEEF, M.S.A., Greenhouse Foreman

### PLANT PATHOLOGY

W. B. TISDALE, Ph.D., Plant Pathologist  
G. F. WEBER, Ph.D., Associate  
A. H. EDDINS, Ph.D., Assistant  
K. W. LOUCKS, M.S., Assistant  
ERDMAN WEST, M.S., Mycologist

## BRANCH STATIONS AND FIELD WORKERS

L. O. GRATZ, Ph.D., Asso. Plant Pathologist in charge, Tobacco Exp. Sta. (Quincy)  
R. R. KINCAID, M.S., Assistant Plant Pathologist (Quincy)  
W. A. CARVER, Ph.D., Assistant Cotton Investigations (Quincy)  
RAYMOND M. CROWN, B.S.A., Field Asst., Cotton Investigations (Quincy)  
JESSE REEVES, Farm Superintendent, Tobacco Experiment Station (Quincy)  
J. H. JEFFERIES, Superintendent, Citrus Experiment Station (Lake Alfred)  
GEO. D. RUEHLE, Ph.D., Assistant Plant Pathologist (Lake Alfred)  
W. A. KUNTZ, A.M., Assistant Plant Pathologist (Lake Alfred)  
B. R. FUDGE, Ph.D., Assistant Chemist (Lake Alfred)  
W. L. THOMPSON, B.S., Assistant Entomologist (Lake Alfred)  
R. V. ALLISON, Ph.D., Soils Specialist in charge Everglades Experiment Sta. (Belle Glade)  
R. W. KIDDER, B.S., Foreman, Everglades Experiment Station (Belle Glade)  
R. N. LOBDELL, M.S., Assistant Entomologist (Belle Glade)  
F. D. STEVENS, R.S., Sugarcane Agronomist (Belle Glade)  
H. H. WEDGEWORTH, M.S., Associate Plant Pathologist (Belle Glade)  
B. A. BOURNE, M.S., Associate Plant Physiologist (Belle Glade)  
J. R. NELLER, Ph.D., Associate Biochemist (Belle Glade)  
A. DAANE, Ph.D., Associate Agronomist (Belle Glade)  
FRED YOUNT, Office Assistant (Belle Glade)  
M. R. BEDSOLE, M.S.A., Assistant Chemist (Belle Glade)  
A. N. BROOKS, Ph.D., Associate Plant Pathologist (Plant City)  
R. E. NOLEN, M.S.A., Field Assistant in Plant Pathology (Plant City)  
A. S. RHOADS, Ph.D., Associate Plant Pathologist (Cocoa)  
C. M. TUCKER, Ph.D., Associate Plant Pathologist (Hastings)  
H. S. WOLFE, Ph.D., Asso. Horticulturist in charge, Sub-Trop. Exp. Sta. (Homestead)  
L. R. TOY, B.S.A., Assistant Horticulturist (Homestead)  
STACY O. HAWKINS, M.A., Field Assistant in Plant Pathology (Homestead)  
D. G. A. KELBERT, Field Assistant in Plant Pathology (Bradenton)  
FRED W. WALKER, Assistant Entomologist (Monticello)  
D. A. SANDERS, D.V.M., Associate Veterinarian (West Palm Beach)  
M. N. WALKER, Ph.D., Associate Plant Pathologist (Leesburg)  
W. B. SHIPPY, Ph.D., Assistant Plant Pathologist (Leesburg)  
C. C. GOFF, M.S., Assistant Entomologist (Leesburg)  
J. W. WILSON, Ph.D., Assistant Entomologist (Pierson)

\*In cooperation with U. S. Department of Agriculture.

## CONTENTS

	PAGE
INTRODUCTION .....	5
PURPOSE OF STUDY .....	5
METHOD OF GATHERING THE DATA .....	5
METHODS OF SHIPPING TO MARKET .....	7
COMPETITION DEFINED .....	8
METHODS OF PRESENTATION .....	9
MAJOR CROPS .....	10
Watermelons .....	11
Celery .....	15
Tomatoes .....	18
Green Beans .....	22
Early White Potatoes .....	26
Cabbage .....	31
Cucumbers .....	34
Peppers .....	39
Strawberries .....	43
SUB-MAJOR CROPS .....	45
Lettuce .....	45
Escarole .....	48
Eggplants .....	50
Romaine .....	53
Green Corn .....	55
Squashes .....	58
Okra .....	62
Green Peas .....	65
MINOR CROPS .....	68
Cauliflower .....	68
Avocados .....	69
Cantaloupes .....	70
Grapes .....	70
Pineapples .....	71
Blueberries .....	71
MISCELLANEOUS CROPS .....	72
Mixed Greens .....	75
Collards .....	77
Sorrel .....	77
SUMMARY .....	77
APPENDIX .....	85

# FLORIDA TRUCK CROP<sup>1</sup> COMPETITION<sup>2</sup>

## II. Intra-State

By JOHN L. WANN

### INTRODUCTION

Florida Bulletin 224, Florida Truck Crop Competition, is a study of the competition of Florida with other states and foreign countries in the marketing of truck crops. This bulletin is a continuation of the above study, but is confined to the State of Florida.

### PURPOSE OF THE STUDY

The purpose of this study is to learn how Florida trucking areas compete among themselves, to determine the degree of keenness of that intra-state competition, and to attempt to designate the production areas for each crop. Also, it is hoped to see whether the competition can be decreased, in some cases, by earlier or later planting as the case may be, thus permitting the shipment of a greater total number of cars but with lower peaks spread over a longer period of time.

### METHOD OF GATHERING THE DATA

The data come from the three principal modes of transportation: freight, express and boat (Figs. 1 and 2).

To obtain the number of carloads shipped by freight, a count was made of the number of carloads of each commodity from the original conductors' waybills. These waybills are the records

**ACKNOWLEDGMENTS:** Much credit is due the railway companies, the Railway Express Agency and the water transportation companies which furnished the data from their books and records and made this study possible.

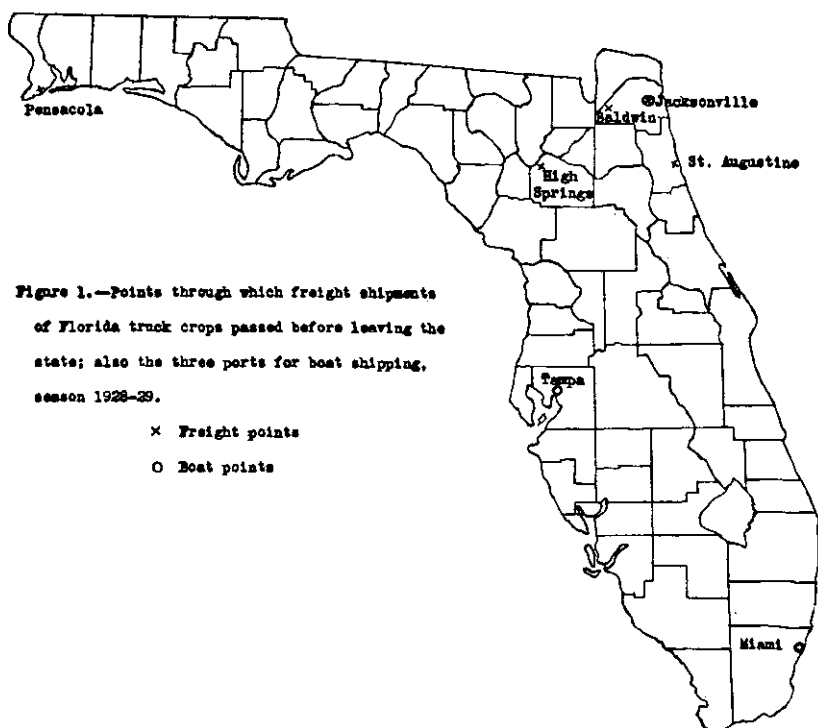
This study was made under the direction of Drs. C. V. Noble and J. E. Turlington. Mr. Marvin A. Brooker, Mr. Bruce McKinley and Dr. C. V. Noble assisted in the field work. Mr. H. A. Marks, Agricultural Statistician, United States Department of Agriculture, helped determine the areas for each commodity. To these and to any other persons who assisted in the preparation of this work, the writer expresses his thanks.

<sup>1</sup>This study also includes some fruit crops other than citrus.

<sup>2</sup>This is in substance a thesis prepared to meet in part the requirements of the Graduate Council of the University of Florida for the degree of Master of Science in Agriculture.

kept and turned in by the conductor when he returns to his headquarters from his trip into the state to get his trainload of freight.

All express points in the state were visited where, in the opinion of the officials of the Railway Express Agency, there was movement of any quantity of truck crops by this mode. The express data are an actual count of each hamper or other container of each commodity recorded on the express waybill by the express agent when the commodity was shipped from his station. Data were obtained from 306 shipping points (Fig. 2). Several shipping points have two express offices.



Boat shipments of Florida truck crops moved from the state at three points, viz. Jacksonville, Miami and Tampa. The boat captain keeps a record similar to that of the freight conductor. The data herein were obtained either from the reports of boat captains or from the books of the various ship companies.

The crates, hampers, or other containers of the express and boat shipments were converted to equivalent carloads. Equivalent carloads mean the average number of crates, hampers, or

other containers in a car. This was actually determined for 13 commodities as shown in Table I in the appendix. For other commodities the estimates of railroad officials who work with these shipments from day to day were accepted.

The data for this study are for the year September 1, 1928 to August 31, 1929, inclusive.

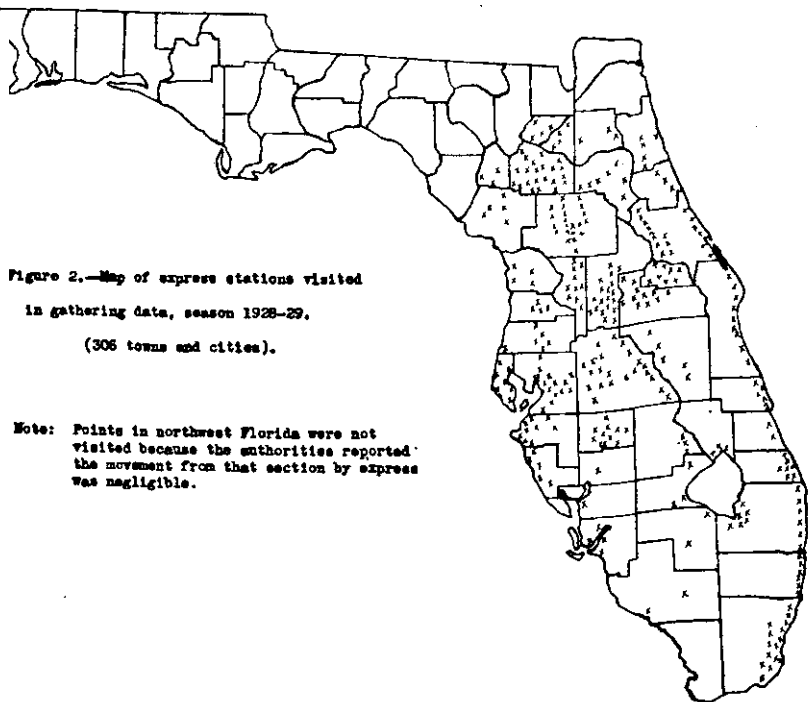


Figure 2.—Map of express stations visited  
in gathering data, season 1928-29.  
(306 towns and cities).

Note: Points in northwest Florida were not visited because the authorities reported the movement from that section by express was negligible.

In 1929 Florida shipped 12,465 mixed carloads of fruits and vegetables, of which 2,978 were vegetables and the rest were citrus<sup>3</sup>. The freight records do not show the names of the commodities contained in these mixed cars.

No attempt was made to ascertain the amount of these crops that is moved by auto trucks, nor of the amount consumed within the state.

#### METHODS OF SHIPPING TO MARKET

A total of 50,705.3 equivalent carloads of truck crops went out of the state during the 1928-29 season, as shown in Table LX.

<sup>3</sup>United States Department of Agriculture. Shipping Fruits and Vegetables in Mixed Carloads. Report for August 1930. (Mimeographed.)

Of this grand total, 1,871 carloads, or 3.7 percent, went by boat, 4,037 carloads, or 8 percent, went by express, and 44,792 carloads, or 88.3 percent, went by freight. (Table I.)

TABLE I.—QUANTITIES AND PERCENTAGES OF FLORIDA TRUCK CROPS SHIPPED BY DIFFERENT METHODS, SEASON 1928-29.\*

Crop	EQUIVALENT CARLOADS			PERCENT OF TOTAL SHIPPED		
	By Freight	By Express	By Boat	By Freight	By Express	By Boat
Watermelons .....	9,960			100		
Celery .....	8,731	17	2	99.8	.2	†
Tomatoes .....	7,169	241	845	86.9	2.9	10.2
Green Beans .....	3,116	2,043	133	58.9	38.6	2.5
Early White Potatoes .....	4,907	14	342	93.2	.3	6.5
Cabbage .....	3,034	5	134	95.6	.2	4.2
Cucumbers .....	2,159	145	4	93.5	6.3	.2
Peppers .....	1,613	329	357	70.2	14.3	15.5
Strawberries .....	1,620	524	1	75.5	24.4	.1
Lettuce .....	902	34		96.4	3.6	
Escarole .....	675	1		99.9	.1	
Eggplants .....	202	116	11	61.4	35.3	3.3
Romaine .....	290	3		99	1	
Green Corn .....	272	21		92.8	7.2	
Squashes .....	22	179	35	9.3	75.9	14.8
Okra .....		227			100	
Green Peas .....	31	85	3	26.1	71.4	2.5

\*Crops shipped in less than 100 carloads per year omitted, also fractional carloads omitted.

†Weekly shipments of less than .1 carload omitted.

Of the nine major crops green beans, peppers and strawberries figured high in the movement by express, while the percentage of tomatoes, peppers and early white potatoes going by boat was rather high.

It is to be expected that these percentages vary for many of these crops for different years. It was said by express agents, for example, that the proportion of strawberries moving by express is often greater than for the year in question. Volume and price of the commodity determine, more than any other factors, the method of shipment to be used.

#### COMPETITION DEFINED

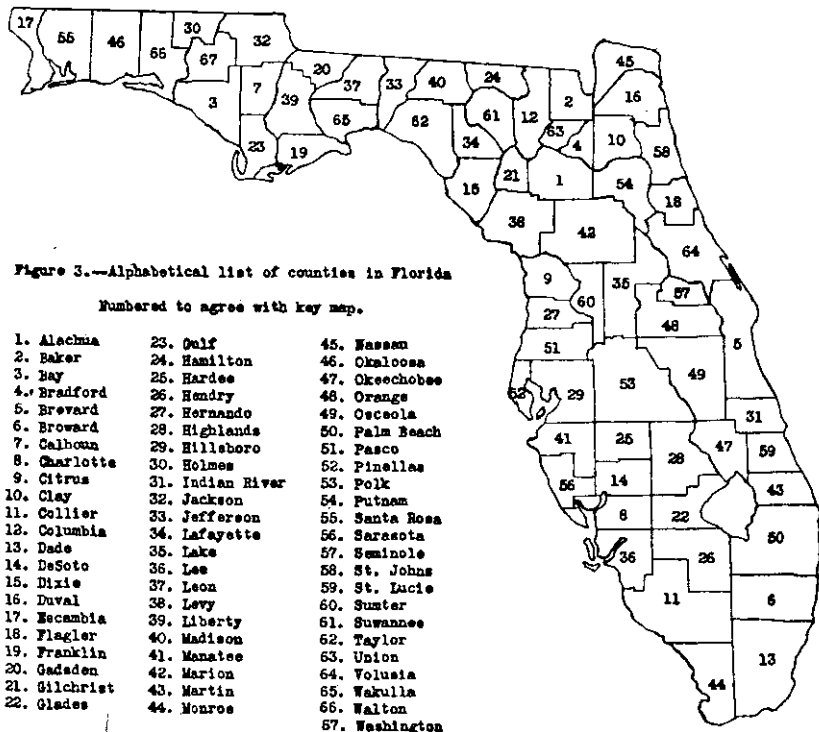
There are many things which have a bearing on competition. Among them are market demand, season of production, price, destination, different types of the same crop, number of areas, competition from other commodities, number of pickings, time of shipment and competition from other states and imports.

Since all the above factors have a bearing on competition, the following is a very broad definition of the term: There is competition when one unit of a commodity is prevented from selling for what it would have sold had not the second unit been produced.

### METHODS OF PRESENTATION

For the purpose of better presentation of these data the 51 truck crops (including some fruits) have been divided into major, sub-major, minor, and miscellaneous crops. The basis for this classification is the car-lot shipments from the state for the season 1928-29, and not the value of the commodities.

Since volume was the first consideration, the commodities are discussed in the order of their equivalent car-lot movement. The first nine crops fall naturally into one group because they are of major importance in the state. There was a difference of 1,208.9 equivalent carloads between strawberries, the crop with the smallest volume in the major group, and lettuce, the crop with the largest volume in the sub-major group. No doubt lettuce, escarole, eggplant, and some of the other sub-major crops are





of major importance in certain local sections of the state, but it has been found convenient to place in the sub-major group all those crops of which between 100 and 1,000 carloads were shipped during the year. All crops of which from 10 to 100 carloads were shipped were placed in the minor crops group, and those under 10 carloads were considered in the miscellaneous group.

Data for the major and sub-major crops have been presented in four ways: the text, tables showing weekly summaries of equivalent car-lot shipments of each commodity for the year, tables showing the weekly summary of equivalent car-lot shipments of each commodity by areas for the year, and maps of Florida showing equivalent car lots of each commodity by counties and areas. The minor and miscellaneous crops have been presented by means of text, and tables showing the weekly summary of equivalent car-lot shipments of each commodity for the year. The principal factors considered in determining the production areas for the different truck crops were: Time of shipment; geographic location; methods of production as influenced by type of soil, topography, drainage, land values, etc.; and advice of growers, shippers and others directly interested in the truck crop industry of Florida. It was not deemed feasible to cross county boundaries in designating areas. The areas were numbered in the order in which their first shipment was made.

For the convenience of the reader who may not be entirely familiar with the counties of Florida, a key map of the state has been included. (Fig. 3.)

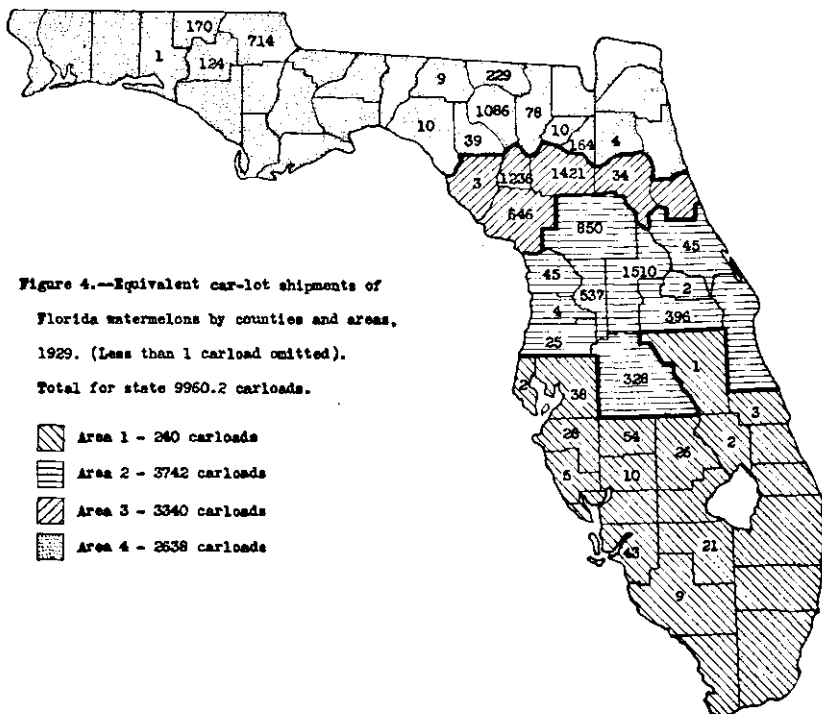
### MAJOR CROPS

TABLE II.—TOTAL EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA MAJOR TRUCK CROPS, SEASON 1928-1929.

Crop	Equivalent Carloads
Watermelons .....	9,960.2
Celery .....	8,749.8
Tomatoes .....	8,255.4
Green Beans .....	5,291.7
Early White Potatoes .....	5,262.5
Cabbage .....	3,173.1
Cucumbers .....	2,307.5
Peppers .....	2,299.3
Strawberries .....	2,144.8

**WATERMELONS**

During the season of 1929 Florida shipped 9,960.2 equivalent carloads of watermelons (Table III). The first cars moved from the state that year near the middle of April. Within the state there are at least four important areas (Table IV), as shown in Fig. 4, and they do compete. The extreme southern area, including all counties south of Polk County and designated as Area 1, came on the market first during the week ending April 20 with 5 carloads. The peak for that area occurred May 11 (Table IV) when 85.2 carloads were shipped. This area had no competition from other states, and imports were negligible'. This suggests a possible opening for a slight increased production in this area during March, April and early May. There is the possibility that the public may be taught to consume more watermelons in cool weather, as has been done with ice cream.



The next area to ship was Area 2 (including Marion, Sumter, Orange, Polk and Lake counties) which started the week end-

<sup>1</sup>Noble, C. V., and Marvin A. Brooker. Florida Truck Crop Competition. Fla. Agri. Exp. Sta. Bul. 224: 1931.

TABLE III.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA WATERMELONS BY COUNTIES, 1929\*

Weeks Ending	Henry	Lee	Collier	De Soto	Hardee	Highlands	Hillsborough	Indian River	Lake	Manatee	Polk	Alachua	Dade
April 20	3	2											
April 27	13	8						1	17	3	9		
May 4	3	14	5	4	5	7	6	2	67	10	56	1	.2
May 11	1	17	4	2	23	11	12		267	6	80	1	
May 18	1	1		3	11	6	8		362	6	60	11	
May 25		1			7	2			494	1	59	368	
June 1					6		3		225		46	664	
June 8					2		2		70		18	311	
June 15									8			59	
June 22				1								5	
June 29												1	
July 6													
July 13													
Total	21	43	9	10	54	26	38	3	1510	26	328	1421	.2

\*Weekly shipments of less than .1 carload omitted.

TABLE III.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA WATERMELONS BY COUNTIES, 1929\*—Continued.

Weeks Ending	Marion	Orange	Pasco	Sarasota	Sumter	Citrus	Pinellas	Levy	Okechobee	Seminole	Volusia	Bradford	Gilchrist	Hernando	Putnam
April 20															
April 27															
May 4															
May 11	1	4	4	3	6	1	2								
May 18	25	31	5	2	105	6									
May 25	139	83	6		195	19		4	1	2	1				
June 1	328	161	4		156	16		150	1		20	3	219	2	3
June 8	275	76	6		73	2		328			16	64	684	2	22
June 15	63	40			2	1		148			7	75	312		9
June 22	16	1						16			1	20	21		
June 29	2														
July 6	1														
July 13															
Total	850	396	25	5	537	45	2	646	2	2	45	164	1236	4	34

\*Weekly shipments of less than .1 carload omitted.

TABLE III.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA WATERMELONS  
BY COUNTIES, 1929\*—Continued.

Weeks Ending	Suwannee	Columbia	Dixie	Hamilton	Jackson	Lafayette	Madison	Osceola	Union	Walton	Clay	Holmes	Taylor	Washington	Total
April 20															5
27															21
May 4															74
11															224.2
18															555
25															893
June 1	2								5	1					1999
8	75	7	2	9	3	3	1	1	5						2608
15	311	15	1	59	60	10	3		3			5	4	12	1543
22	415	50		93	406	18						94	6	74	1301
29	264	3		62	220	5	5		2			64		29	663
July 6	18	3		5	21	3						7		6	65
13	1			1	4									3	9
Total	1086	78	3	229	714	39	9	1	10	1	4	170	10	124	9960.2

\*Weekly shipments of less than .1 carload omitted.

TABLE IV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA WATERMELONS BY AREAS, 1929.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Total
April 20.....	5				5
27.....	21				21
May 4.....	48	26			74
11.....	85.2	138	1		224.2
18.....	40	514	1		555
25.....	24	854	15		893
June 1.....	11	1,243	740	5	1,999
8.....	5	735	1,700	168	2,608
15.....		202	781	560	1,543
22.....	1	27	96	1,177	1,301
29.....		2	5	656	663
July 6.....		1	1	63	65
13.....				9	9
Total .....	240.2	3,742	3,340	2,638	9,960.2

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 4 for counties included.

ing May 4; then came Area 3 (including Alachua, Gilchrist, and Levy counties) the week ending May 11; and the week of June 1 Area 4 (all counties north of Alachua, also West Florida) started shipping. The peak for Area 2 was June 1 with 1,243 carloads. The peak for Area 3 occurred the following week. Two weeks later, June 22, Area 4 had its peak and shipped 1,177 carloads. The total shipments from all areas during the heaviest week, June 8, was 2,608 carloads. It would seem very probable that keen competition occurs within the state itself, especially since some of the areas ship their highest amount only one and two weeks apart. It is true that later in the summer when the weather is warmer a much larger weekly volume of watermelons goes on the markets and is sold and consumed, but at a price at which Florida cannot compete with states farther north.

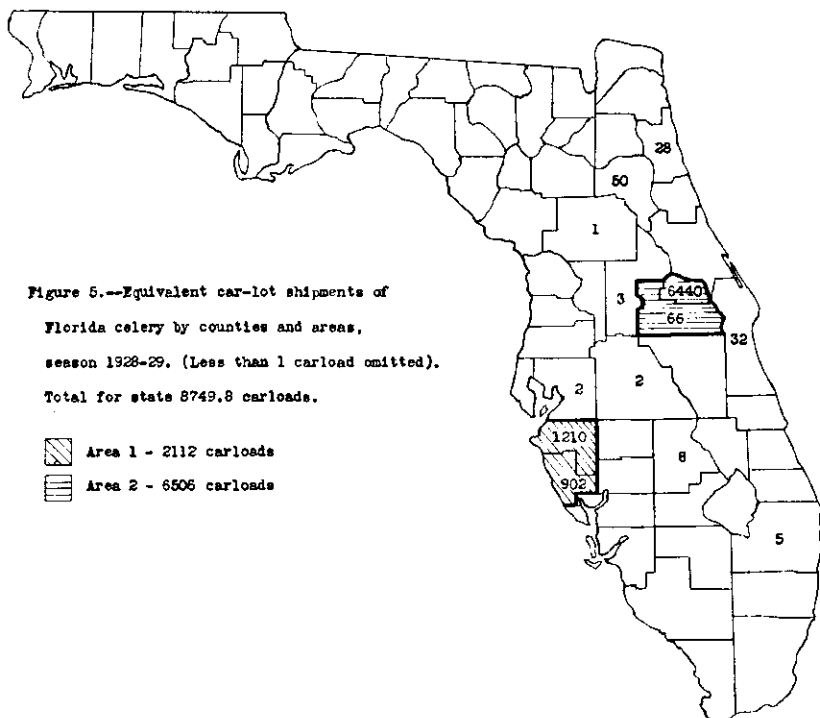
### CELERY

Florida shipped 8,749.8 carloads of celery during the season 1928-29 (Table II). Unlike watermelons, which were shipped from several counties, the bulk of celery moved from only three counties—Manatee, Sarasota and Seminole. In fact 73.6 percent of the total carloads from the state originated in Seminole County. There are two distinct areas growing celery (Fig. 5).

TABLE V.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CELERY BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Sarasota	Manatee	Seminole	Hillsborough	Orange	Putnam	St. Johns	Clay	Highlands	Lake	Polk	Marion	Palm Beach	Brevard	Total
Dec. 29	.2														.2
Jan. 5	3.1	6	2												11.1
19	43.4	34.2	55.3	.3											133.2
26	16.6	79.2	157.1		.1		1								259
Feb. 2	40.2	108.1	229.5			5	9								388.8
9	45.1	109.2	293.4			3									450.7
16	43.3	119.1	450.6		.1	5									618.1
23	40.2	80.2	584.4		1	2	1	.1							708.9
Mar. 2	45.2	57.1	563.5	1	1.1	4.1	10		1						683
9	16.1	34.1	592.8		4	3	2		1						653
16	8	30.1	18.2			1	4								61.3
23	30.1	53.3	845.3		6	1.1			3	1					936.8
30	17	30.1	695.4		6	5	1		1	1					757.5
Apr. 6	1	40	501.6	.7	4	3					1				549.6
13	9	122.1	486.4		6	1					1				626.2
20	12.1	98.1	265.5		6	1					1				383.7
27	42.3	57.1	189.5		5	.2						1			296.1
May 4	147	78.2	182.2		10								1		430.4
11	168.2	56.2	132.3		8	1.1							11		369.8
18	132.2	15.1	44		11	2			2				4		209.3
25	19	1	109		3	1							3		135
June 1	15	1	29		1				2						54
8	8	.1	10			1								8	21.1
15			1											2	6
22			2			2								4	4
29						3									3
Total	902.3	1,209.6	6,440	2	66.3	50.5	28	.1	8	3	2	1	5	32	8,749.8

\*Weekly shipments of less than .1 carload omitted.



They are the Manatee-Sarasota and the Seminole-Orange Areas. Another district which is comparatively new could be designated as a separate area if it shipped larger amounts. It is Brevard County. This district is unique in that during the time of this study it put its entire product on the market late, after the first of May. The growers there evidently planned to grow celery to market after Seminole County had nearly finished (Table V). They encountered direct competition with the second peak of the Manatee-Sarasota area. It appears that the Manatee-Sarasota area manipulated its production so as to have two peaks which were quite wide apart as to time on the market, and thus they partly missed the strong competition from Area 2 which had several weeks of rather heavy shipments (Table VI). The low shipments shown for the week of March 16 from Area 2 were due to a voluntary abatement of shipping on the part of the dealers and growers for the purpose of improving the price.



TABLE VI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CELERY BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Other Counties†	Total
Dec. 29.....	.2			.2
Jan. 5.....				
12.....	9.1	2		11.1
19.....	77.6	55.3	.3	133.2
26.....	95.8	157.2	6	259
Feb. 2.....	148.3	229.5	11	388.8
9.....	154.3	293.4	3	450.7
16.....	162.4	450.7	5	618.1
23.....	120.4	585.4	3.1	708.9
Mar. 2.....	102.3	564.6	16.1	683
9.....	50.2	596.8	6	653
16.....	38.1	18.2	5	61.3
23.....	83.4	851.3	2.1	936.8
30.....	47.1	701.4	9	757.5
Apr. 6.....	41	501.6	7	549.6
13.....	131.1	490.4	4.7	626.2
20.....	110.2	271.5	2	383.7
27.....	99.4	194.5	2.2	296.1
May 4.....	225.2	192.2	13	430.4
11.....	224.4	140.3	5.1	369.8
18.....	147.3	55	7	209.3
25.....	20	112	3	135
June 1.....	16	30	8	54
8.....	8.1	10	3	21.1
15.....		1	5	6
22.....		2	2	4
29.....			3	3
Total .....	2,111.9	6,506.3	131.6	8,749.8

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 5 for counties included.

## TOMATOES

A total of 8,255.4 equivalent carloads of tomatoes were shipped from Florida during the season 1928-29. Tomatoes are grown for market over most of the state south of Union County (Fig. 6), and they can be produced around Homestead in Dade County continuously from early November to the end of May (Table VII). The state has been divided into three large tomato producing areas (Fig. 6). Eleven southern counties constitute Area 1. This area produced 5,181.8 carloads of tomatoes in 1928-29, and had an extremely long season.

TABLE VII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA TOMATOES BY COUNTIES, SEASON 1928-29.\*

Weeks Ending		Dade	Lee	Broward	Orange	Volusia	Monroe	Seminole	Collier	Palm Beach	Pasco	Hardee	Indian River	Manatee	Glades	Martin	Okeechobee	Charlotte	St. Lucie
Nov.	8	.3																	
	10	10.8																	
	17	40.2																	
	24	37.5	.1																
Dec.	1	57.8		.1	3	1													
	8	72.1	1.7	.1			1	.1											
	15	117.8	5	5.1			1	1	1	.1									
	22	95.9	6.7	6.3			1	3.1											
	29	56.4	8.8	6.1			1	1.1											
Jan.	5	68.3	5.8	9.6			2	5.2	2					.1					
	12	60.4	10.9	4.4			3	2.6	.3					.1					
	19	131.6	7.3	12.6			6	3.4	1.9					.1					
	26	123.2	8.7	11.5			3	1.3	1.9					.1					
Feb.	2	171.3	7.7	14			3	3.1	2.9					.3					
	9	209.2	4.3	6.9			4	2.1	5.6					1.3					
	16	265.1	4.1	15.7			3	1.2	5.2					.2					
	23	304.7	5.2	16.9		1	1	3.4	12.6					.1				1	
Mar.	2	294.5	1.2	14.5			1	4.4	8.6					.3				1.1	
	9	266.6	.4	17.9			1	9.2	11										
	16	340.1	.2	30.1				15.1	11.7					.4					.1
	23	300.1	.2	37.1				24	9.5					.6					
	30	287.6	.5	60.8				46	8.5					.3					
Apr.	6	165.3	.3	50				19	7.8										
	13	107.9	1.9	61				16	6.5				.1	12.1	.1				
	20	119.6	1.1	54.5		1		7	19.1				5.3	44.3	.2				
	27	58	1.6	31	1	.3		14.1	14.1				18.7	101.5	.1				
May	4	32	.3	27.2	2		1.1	12	36.5	.1			32.6	91.5	2.1				
	11	18.8	.3	31.9			.3	8	41.7	.4			34.8	67.6	1.1				
	18	7.7		14.5	3.1	2.2	.8		8	.4			30.9	46.5	.1				
	25	1.3		1.1	2.1	2.3	.1			.4			16.2	24.6					
June	1	.5			3	1.1				8.6	.2		2.1	2.4					
	8				1	1.1				.2	.1		.3	.2					
	15				1						.1			1.1					
	22																		
	29																		
Total		3,817.6	86.3	540.9	16.2	11.5	30	5.1	202.3	246.7	1.5	141.3	404.6	1,138.8	4.2	73.8	104.7	15.7	165

\*Weekly shipments of less than .1 carload omitted.

TABLE VII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA TOMATOES BY COUNTIES,  
SEASON 1928-29—Continued.\*

Weeks Ending	Citrus	Polk	Brevard	Hendry	Hillsborough	Marion	Sarasota	Sumter	Lake	Bradford	Hernando	Levy	Osceola	Alachua	Clay	Union	Total
Nov. 3																	.3
10																	10.8
17																	40.2
24																	37.5
Dec. 1																	63.9
8																	75
15																	130.1
22																	113.1
29																	74.4
Jan. 5																	92.2
12																	84.5
19																	167.4
26																	155.8
Feb. 2	.1																214.1
9		.1															240.2
16			1														305.2
23			.1														362.4
Mar. 2																	338.1
9			.3														312.4
16			.1														406
23			1.4	.1													374.7
30			.3		.1												405.4
Apr. 6			.2	.1	.1												262.4
13		.1	.1	1.1	2.5												300.6
20		.2	.3	4.5	8.9	.3	1	1.4									568.9
27		.4	.3	4.3	37.7	4		44.7	.1								741.3
May 4		1.9		13.4	54	32.7		90.4	1.1	.1	1	.1	.2				804
11		2.4	4.5	11.6	53	52.0	.1	108.3	2.1	.2	2	.3	1.2		.1		665
18		3.6	5.3	16.6	39.8	104.9	.1	102.9	1.1	.4	3	.3	1.1	1.2			449.6
23		.4	2	4.3	8	124.6		40.3	1.1	1	1	1	1	1.3		2	214.6
June 1		1.5	1	3.3	3.7	89.9		22.1	.4	1	1	.1	1	3.7		1	135.3
8						56.5		9.3	.3		1		1	3.6		.2	76.7
15						12.8		3.1	.6					4.6		.5	22.9
22					.1	5.5		.2	.2					3.4		.2	9.5
29						.2			.1					.3		.2	.8
Total	.1	10.6	17.9	59.6	208.1	484.3	1.2	422.7	5.5	2.4	9	.8	4.5	18.3	.1	4.1	8,255.4

\*Weekly shipments of less than .1 carload omitted.

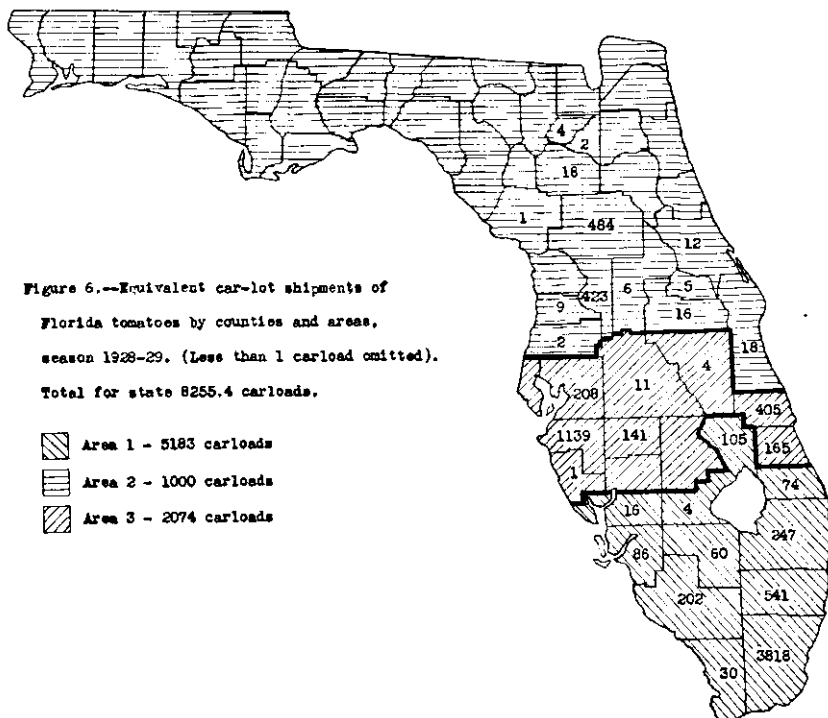
Observation of the peaks discloses that Area 2 (including Alachua, Marion and Sumter counties) came on the market strongest after Areas 1 and 3 were dropping off, but Area 3, which includes Manatee and Indian River counties, came on the

TABLE VIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA TOMATOES BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Total
Nov. 3.....	.3			.3
10.....	10.8			10.8
17.....	40.2			40.2
24.....	37.6			37.6
Dec. 1.....	59.9	4		63.9
8.....	74.9	.1		75
15.....	130	.1		130.1
22.....	113		.1	113.1
29.....	73.4		1	74.4
Jan. 5.....	91.1	1	.1	92.2
12.....	83.1	1	.4	84.5
19.....	165.1		2.3	167.4
26.....	152.4		3.4	155.8
Feb. 2.....	208.7	.1	5.3	214.1
9.....	238.5		1.7	240.2
16.....	302.7	1	1.5	305.2
23.....	360.5	1.1	.8	362.4
Mar. 2.....	336.8		1.3	338.1
9.....	311.6	.3	.5	312.4
16.....	402.6	.1	3.3	406
23.....	372.5	1.4	.8	374.7
30.....	404.5	.3	.6	405.4
Apr. 6.....	246.2	.2	16	262.4
13.....	199.8	.1	100.7	300.6
20.....	214.4	3	351.5	568.9
27.....	139	51.6	550.7	741.3
May 4.....	149.7	127.8	526.5	804
11.....	143.8	174	347.2	665
18.....	95.1	224.8	129.7	449.6
25.....	19.3	177.1	18.2	214.6
June 1.....	4	123.4	7.9	135.3
8.....	.3	74.1	2.3	76.7
15.....		22.6	.3	22.9
22.....		9.5		9.5
29.....		.8		.8
Total.....	5,181.8	999.5	2,074.1	8,255.4

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 6 for counties included.



market with the bulk of its shipments in a very narrow space of four weeks time (Table VIII) in which it marketed 1,775.9 carloads of its total of 2,074.1 carloads. However, Area 3 had a higher peak than any other area, even more than Area 1 experienced when no other state was competing. Area 1 was forced to compete with imports which were heavy during February and March<sup>5</sup>.

### GREEN BEANS

Green beans are widely grown in the United States, and probably every county in Florida produces at least a few. The total shipments for the 1928-29 season in Florida were 5,291.7 equivalent carloads (Table IX). Three of the areas indicated (Table X) are heavy shippers. Area 4 (Broward and Dade counties) started off early in November and continued to ship heavily until early April (Table X). Area 3 (all counties bordering on Lake Okeechobee) started the same week but had a high peak

<sup>5</sup>Noble, C. V., and Marvin A. Brooker. Florida Truck Crop Competition Fla. Agri. Exp. Sta. Bul. 224:1931.

TABLE IX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GREEN BEANS (INCLUDING LIMA BEANS)  
BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Alachua	Gilchrist	Levy	Manatee	Marion	Union	Orange	Seminole	Sumter	Broward	Dade	Glades	Hillsborough	Indian River	Palm Beach	Brevard	Hardee	Martin	Okeechobee	Henry	Lake
Oct. 20	.1																				
27	.4	.1	.1	.1	.7	.1															
Nov. 3	2.2		.2	.2	2.9	.2	.4	1.3	.4												
10	3.1		1.6	2.8	2.8	.5	1.3	3.8	1.9	1.1	.9	.3	.1	1.3	.2						
17	3.5		1.4	.3	1.3		8.4	9.6	10.5	10.9	2	.8		12.8							
24	3.7			2.7	1.4	.7	8.2	12.7	21.3	22.8	3.2	9.4	3.2	23.8	5.9	.1	2.6	.1		8.5	1.4
Dec. 1	3.8			2.4	.7		6	1.1	7.9	25.6	2.8	2.1	2	11.3	6.8		.9	3.4			2.3
8	4			3.7	.4		7.3	4.2	6.4	48.5	3.4	2.9	2.4	19.8	10.2	.7	1	10.2	.7	1.7	1
15				2.7			1.1	1	.4	50	4.9	.9	.1	14.5	8.6	.5	.1	7.6	.5	5	.2
22	.1			1.1			.1		.1	49.9	5.1	3.2		18.1	6.9	.3	.2	8.4	.2	1	.2
29				.3						27.8	6.8	1		8	4.4	1.3		6.7	.9	1.6	.1
Jan. 5				.1						20.6	4.6	.5		4.8	5.3			5	.3	.4	
12				.1						28.4	4.9	.3		3.6	4	.3		3.4	.1	.1	
19										44.6	8.7	.1	.1	1.3	5.6			5.4	.1	.1	
26										74.6	6.1			5	12.1	.3	.1	9.2	.3	.1	
Feb. 2				.1						56.2	15.1			3.5	21.1	.6		13.8	.6		
9				.2						50.3	4	.4	.2	6.8	30.4	.7		14.9	.6		
16				.1						51.1	17.4	1.1		8.6	52.6	.6	.1	16.5	2.6	.3	
23				.1						72.7	7.6	1.8		10.9	78.5	.4	.1	17.8	1.9	1.3	
Mar. 2				.2				.1		61.1	13.9	4.7		20.9	174.1	.3	.1	12.6	9.9	7.5	
9				.6				.1	.3	55.2	14.9	7.2		20.9	146.9	.3	.5	15.7	9.2	6.5	
16				.8					.3	66.4	10.9	4.4	.4	22.6	120	1.3	3.3	13.1	8.8	13.4	.1
23	.1				.1		.4	.1	.9	40.7	7.4	2.2	3.9	21.3	124.5	.7	7.1	5.9	7	8	.2
30	.5			1	.1		.4	.3	5.2	44.3	8.7	2.1	13.8	16.4	139.7	.8	12.8	5.4	6.2	9	1.6
Apr. 6	23.8		5.8	3	36.5	1.7	.8	6.6	112.3	2	4.9	4.3	37.7	4.4	152.9	.6	6	1.8	4.1	14.9	5.5
13	49.5	.1	9.8	3.6	101.5	5.5	.4	5.3	81.9	.1	4.2	2.6	22.6	1.7	125.3	.4	5.6	.7	1.4	13.5	8.8
20	69.2		10.4	5.7	141.6	14.3	2.4	3.9	54.2		1.6	3.7	7.1	.2	95.6	.3	2.4	.8	.7	2.5	12.7
27	55.9		3.5	2.3	135.6	12.3	1.7	7.3	16.2		1.2	.8	9.1	.1	69.9	.1	1.6	1.5	1.3	5.1	5.5
May 4	35.6		2.3	1.1	85.9	9.5		3.3	1.8				1	1	40			.1	2.4	2.2	1.6
11	12.7		.2	1.8	15.1	3		.6	.6				1	1	25.1		.5	.3	.3		.1
18	10.1	.1	.1	1.6	5.3	.2		.2	.2			.3			1.2		.3		.1		.1
25	5.2			.5	.5	.1		.1	.1			.2			.3		.1		.2		.1
June 1	3.1				1.1														.1		
8	1.2				.5	.1															
15	.7				.3																
22	.2				.1	.1															
29	.1				.1	.1						.1									
July 6	.1				.1	.1															
13	.1																				
Total	280.9	.3	36.4	37.6	538.3	48.6	39.9	63.7	357	917.6	178.8	60.5	131.8	271.5	1,618.3	12.5	52.7	184.5	70.7	112.3	43.6

\*Weekly shipments of less than .1 carload omitted.

TABLE IX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GREEN BEANS (INCLUDING LIMA BEANS)  
BY COUNTIES, SEASON 1928-29—Continued.\*

Weeks Ending	Lee	St. Lucie	Sarasota	Volusia	Collier	Osceola	Monroe	Highlands	Pasco	Polk	Charlotte	DeSoto	Hernando	Bradford	Citrus	Putnam	Clay	St. Johns	Flagler	Total
Oct. 20																				.1
27																				1.5
Nov. 3																				7.6
10																				18.8
17																				63.2
24	.7	.2	.1																	132.1
Dec. 1	.1	1.4	.5																	78.5
8	2.6	1.6		1.1																129.9
15	.4	1.6	.2		.1															95.7
22	1.1	2.6	.2		.1															101.1
29	.6	1.6																		61.1
Jan. 5		1.2				.1														43.1
12	.1	1				.2														46.5
19	.1	.6			.2	.1														67.1
26	.3	2		1																111.1
Feb. 2	.5	2.7			.1															114.3
9	.6	2.2				.1														111.3
16	.6	2.5			.1	.8														155.1
23	.9	3.1			.3	.4	1													198.8
Mar. 2	.7	2.1		.2	.4															308.7
9	.9	1.9			.3															280.7
16	.8	2.4		5	.1	.4		.1	.2	.2										274.8
23	.5	3.5							.2	1										236
30	.5	4.1	.6			.1		.1	.7	1.3										275.5
Apr. 6	.5	1.2	.2			.2			5.6	3.8					.3					298.7
13		.3	.2			.5			7.7	6.3				1.1	4.8	.1				450.6
20		.2	.2	.1		.4			2.5	4.5				1.9	14	.1				468.6
27			.1	.2		.4		.1	2.3	1.9				7.5	22.4	.1	1.3	.2		466.1
May 4						.3		.1	1	1				1.1	30.8	.4	.2	.2	.1	366.2
11			.1	.1					.4	1.1				.4	20			.1	.1	213.2
18				.1					.3	.8				.1	5.5		.1	.4	.4	71.1
25									.1	.4				.1	.9		.3	.3	.3	22.1
June 1										1					.5			.2	.2	11.2
8										1					.4			.3	.3	6.2
15															.4					2.3
22															.1					1.1
29															.1					.5
July 6															.2				2	.9
13															.2					.3
Total	12.5	40	2.4	7.8	1.7	4.2	1	.4	21	24.3	.1	.4	12.6	100.3	.3	2.7	.7	1.7	.1	5,291.7

\*Weekly shipments of less than .1 carload omitted.

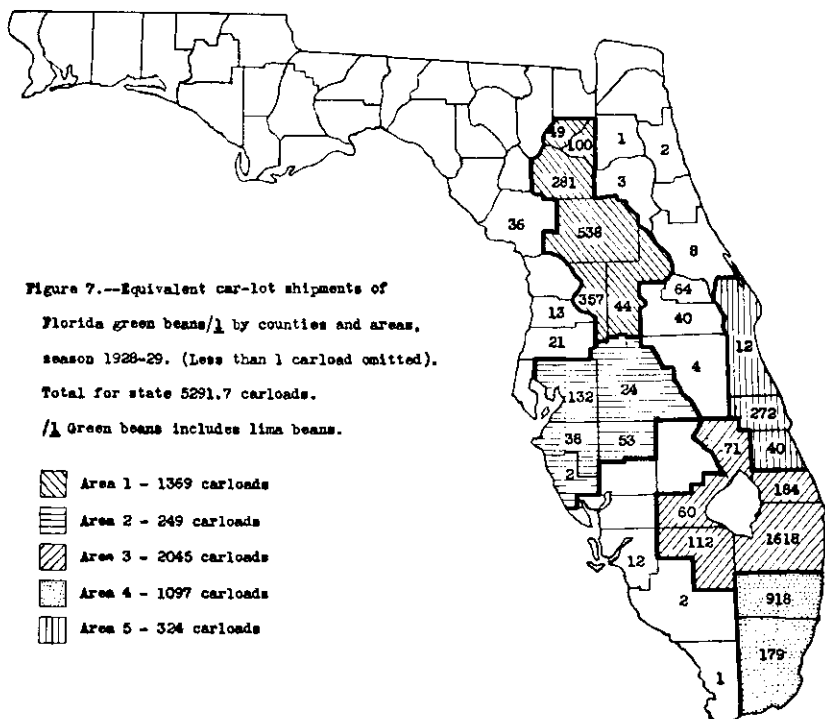
TABLE X.—WEEKLY SUMMARY OF CAR-LOT SHIPMENTS OF FLORIDA GREEN BEANS (INCLUDING LIMA BEANS) BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Area 5†	Other Counties†	Total
Oct. 20.....	.1						.1
27.....	1.2	.1				.2	1.5
Nov. 3.....	5.7					1.9	7.6
10.....	8.2	.1	.5	2	1.3	6.7	18.8
17.....	15.5	.5	2	12.9	12.9	19.4	63.2
24.....	27.5	8.6	23.9	26	24.3	21.8	132.1
Dec. 1.....	11.7	5.8	12.5	28.4	12.9	7.2	78.5
8.....	7.9	7.1	25.7	51.9	22.1	15.2	129.9
15.....	.6	3.1	18.1	54.9	16.4	2.6	95.7
22.....	.4	1.5	21.5	55	21.2	1.5	101.1
29.....	.1	.3	14.6	34.6	10.9	.6	61.1
Jan. 5.....		.1	11.5	25.2	6.2	.1	43.1
12.....		.1	7.9	33.3	4.9	.3	46.5
19.....		.1	11.2	53.3	2.1	.4	67.1
26.....		.1	21.7	80.7	7.3	1.3	111.1
Feb. 2.....		.1	35.5	71.3	6.8	.6	114.3
9.....		.3	46.3	54.3	9.7	.7	111.3
16.....		.3	73.1	68.5	11.7	1.5	155.1
23.....		.2	101.3	80.3	14.4	2.6	198.8
Mar. 2.....		.2	208.8	75	23.3	1.4	308.7
9.....		.7	185.5	70.1	23.1	1.3	280.7
16.....	.4	4.5	159.7	77.3	26.3	6.6	274.8
23.....	1.1	12.8	147.6	48.1	25.5	.9	236
30.....	7	29.5	162.4	53	21.3	2.3	275.5
Apr. 6.....	38.9	37.6	175	25.9	10.1	11.2	298.7
13.....	184.6	53.2	178	6.9	5.3	22.6	450.6
20.....	261.2	36.5	143.5	4.3	2.3	20.8	468.6
27.....	314.4	17.2	103.3	1.6	.5	29.1	466.1
May 4.....	256.3	14	78.6	1.2	.2	15.9	366.2
11.....	154.4	4.9	45.7	.4	.1	6.8	213.2
18.....	37	4	28.2			1.9	71.1
25.....	16.8	2.5	1.8			1	22.1
June 1.....	8.5	1.8	.5			.4	11.2
8.....	4.6	1	.1			.5	6.2
15.....	2.2		.1				2.3
22.....	1.1						1.1
29.....	.5						.5
July 6.....	.5		.2			.2	.9
13.....	.3						.3
Total .....	1368.7	248.8	2046.3	1096.4	324	207.5	5291.7

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 7 for counties included.





over a long season of 10 weeks from the middle of February through April. Area 1 (Alachua, Marion and Sumter counties) had a fall crop and a spring crop, both of which covered narrow seasons, and the spring crop had a very high peak which climaxed April 27 after Area 4 had practically finished and Area 3 was on the decline.

#### EARLY WHITE POTATOES

For the season 1928-29 Florida shipped 5,262.5 equivalent carloads of early white potatoes (Table XI). The production of this crop in Florida is largely concentrated in the territory known as the Hastings Area, designated as Area 1. Included in Area 1 are the smaller sections known by the shipping points as Bunnell and LaCrosse. In order to get an idea of the importance of Area 1, it will be noted in Fig. 8 that this area shipped 4,779 equivalent carloads from its nine counties while the remainder of the volume moved from 27 counties, with no one of these 27 counties shipping more than a total of 70 carloads. Observation of Table XII shows that Area 1 had competition from

TABLE XI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA EARLY WHITE POTATOES BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	St. Johns	Seminole	Hillsborough	Hardee	Bradford	Manatee	Okeechobee	Broward	Dade	Hernando	Palm Beach	St. Lucie	Brevard	Indian River	Lee	Martin	Osceola	Charlotte	Flagler	
Oct. 6	1																			
13	1																			
20																				
27																				
Nov. 3																				
10																				
17																				
24																				
Dec. 1		1																		
8			1																	
15			2																	
22				1																
29				1																
Jan. 5																				
12																				
19																				
26																				
Feb. 2																				
9																				
16																				
23																				
Mar. 2																				
9																				
16																				
23																				
Apr. 6																				
13																				
20																				
27																				
May 4																				
11																				
18																				
25																				
June 1																				
8																				
15																				
22																				
29																				
July 6																				
13																				
20																				
27																				
Aug. 3																				
10																				
Total	3,078.7	1	34.5	15.6	9.7	16.2	11	4.8	70.3	9	37.4	55.1	5.7	48.4	30.4	16.1	4	6	396.4	

\*Weekly shipments of less than .1 carload omitted.

TABLE XI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA EARLY WHITE POTATOES BY COUNTIES, SEASON 1928-29—Continued.\*

Weeks Ending		Glades	Volusia	Duval	Putnam	DeSoto	Polk	Hendry	Highlands	Lake	Marion	Pasco	Sarasota	Clay	Alachua	Union	Levy	Escambia	Orange	Total
Oct.	6																			.1
	13																			.1
	20																			
	27																			
Nov.	3																			
	10																			
	17																			
	24																			
Dec.	1																			.1
	8																			.1
	15																			.3
	22																			.3
	29																			1
Jan.	5																			.1
	12																			1.2
	19																			.7
	26																			2.3
Feb.	2																			2.3
	9																			.3
	16																			2.3
	23																			
Mar.	2																			19.9
	9	2	3																	20.5
	16		4	2	1															44.1
	23		21	1.6	33.7	4	.1	4												148.4
	30	2.1	42		77.7	7		8	2	.1	.1	.2	3							330.2
Apr.	6		38.5		44.2	10	1	1	1	.1		.1		6						493.7
	13		18		107.5									24	3					463.3
	20		15.2		106.7							.2		20	3	3				630.3
	27		12		105.9			2				.1		30	39	5				719.0
May	4		6		71.3	1		5	1		2			113	101.1	17	3			965.3
	11		1		23.8					2	2			60	103.1	7				982
	18		2		3					3				1	10	1				313.7
	25						1											24	1	59.1
June	1																	21		32.7
	8																	1		4.3
	15																			.1
	22														1					4
	29														3					6.6
July	6																			3
	13																			1
	20																			4.1
	27																			2
Aug.	3																			1
	10																			.1
Total		2.3	162.7	3.6	575.3	24	2.1	20	6	1.2	16.1	.6	3	254	260.2	38	3	46	1	5,262.5

\*Weekly shipments of less than .1 carload omitted.

TABLE XII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA EARLY WHITE POTATOES BY AREAS, SEASON 1928-29.\*

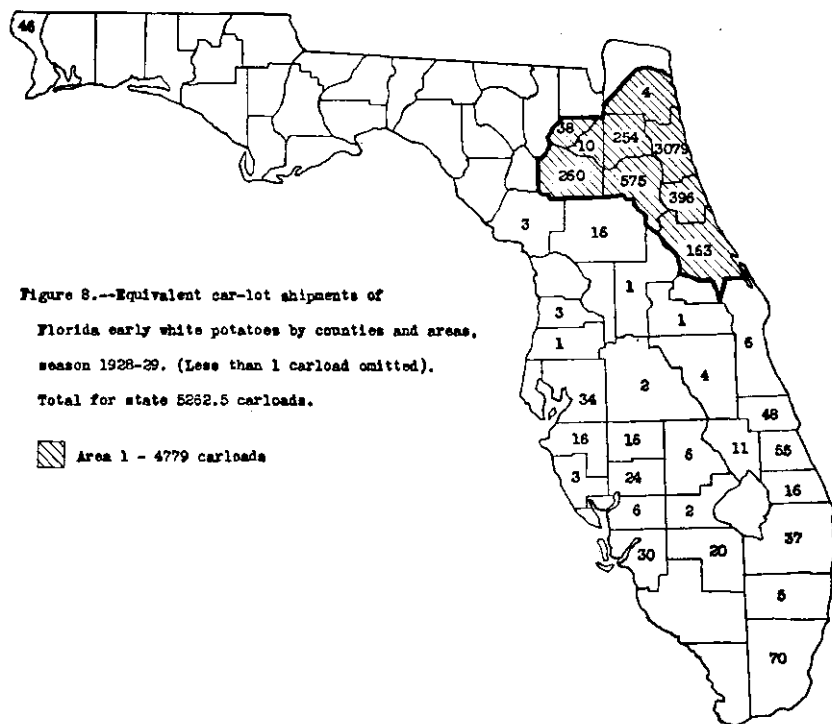
Weeks Ending	Area †	Other Counties †	Total
Oct. 6.....	.1		.1
13.....	.1		.1
20.....			
27.....			
Nov. 3.....			
10.....			
17.....			
24.....			
Dec. 1.....		.1	.1
8.....		.1	.1
15.....		.3	.3
22.....	.1	.2	.3
29.....		1	1
Jan. 5.....		.1	.1
12.....		1.2	1.2
19.....		.7	.7
26.....		2.3	2.3
Feb. 2.....		2.8	2.8
9.....		.3	.3
16.....		2.3	2.3
23.....		19.9	19.9
Mar. 2.....		20.5	20.5
9.....	15	29.1	44.1
16.....	86.7	61.7	148.4
23.....	267.6	62.6	330.2
30.....	430.5	63.2	493.7
Apr. 6.....	413.8	50	463.8
13.....	607.9	22.4	630.3
20.....	695.6	24.3	719.9
27.....	948	17.3	965.3
May 4.....	949.9	32.1	982
11.....	309.7	4	313.7
18.....	26	33.1	59.1
25.....	4.7	28	32.7
June 1.....	2	2.3	4.3
8.....	.1		.1
15.....	1		1
22.....	4		4
29.....	4.6	2	6.6
July 6.....	3		3
13.....	1		1
20.....	4.1		4.1
27.....	2		2
Aug. 3.....	1		1
10.....	.1		.1
Total.....	4,778.6	483.9	5,262.5

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 8 for counties included.

other counties throughout the greater part of its shipping season. Some counties in south Florida, such as Dade, Indian River, Lee, Manatee, and St. Lucie, marketed a few carloads during a period of 10 weeks before Area 1 began shipping, light shipments being made as early as the week ending December 1. If the cost of early production is not too great, and a more valuable crop would not be displaced, this would indicate an opening for a greater production of early white potatoes in those few counties farther south where the climate permits. This would be especially true in January and February following years of a short crop stored in the north.

When the season for Area 1 was over, or practically over, Escambia County in the extreme west end of the state sent 46 carloads of potatoes to market.



CABBAGE

Cabbage is another important crop, as shown by the fact that 3,173.1 equivalent carloads were shipped during the season of 1928-29. With the exception of Areas 1 and 6 (Fig. 9), the peaks are all within a period of three weeks' time (Table XIV).

There was no fall crop from any place in the state. Area 1 had its peak on January 19, when it shipped a total of 60 carloads of cabbage. Area 2 did not reach its peak until March 23. The three weeks of March 9, 16 and 23 contain the peaks for Areas 2, 3, 4, 5 and other counties.

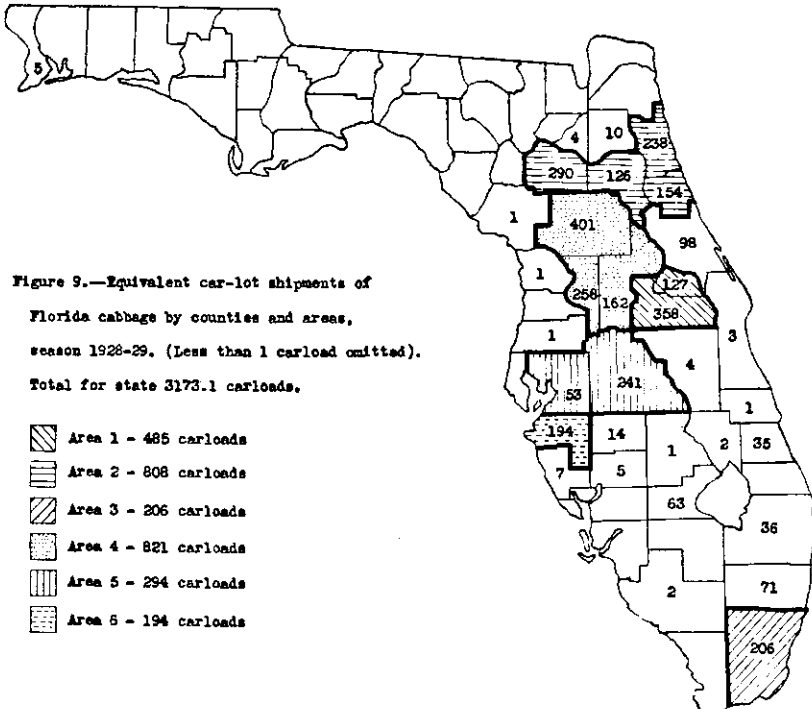


TABLE XIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CABBAGE BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Orange	Seminole	Alachua	Dade	Hillsborough	Manatee	Polk	Sumter	Volusia	Broward	Glades	DeSoto	Lake	Marion	Palm Beach	Putnam	St. Lucie	Clay
Dec. 8	1	.1																
15	3	.1																
22	11																	
29	17	1	1	.2														
5	26	5	3	.6	2	2	4	1	1.1									
12	33	9	1	4.5	1	10	2	2	2	3	1							
19	40	20	8	5.5	7	22	12	6	4	4	2	1	1	2	1	1	1	
26	42	14	15	6.7	2	21	19	12	11	4	3		2	6		5	2	
2	35	11	19	21.6	8	34	21	11	7	3	5		9	12		9	2	.2
9	25.1	18.1	17	10.8	6	23.1	21	14	8	6	4.1		26	37	1	12	1	.1
16	21.2	6.1	32	21.5	4	38	27	23	13	7	6		22	30	5	13		
23	18	18	22	24.3	6	29	25	24	2	10	3		26	62		13.1		
2	10	10	32	19.9	5	10.1	23	21	9	8	2	2	26	62			5	
9	14	4	36.1	24.9	6	5	27	49	12.1	5	7	2	19	50	5	21	3	
16	13	4	31.2	22.6	4		29	49	18	8	6	2	20	73.1	5	8	5	1
23	17	4	42	9.1	2		18	23	13	8	6	6	17	68	10	21	7	3
30	15	2	25	20.9			10	18	6.1	6	5	6	10	37	7	8	6	3
Apr. 6	9	1	3	11.3			3	4	2		7	7	1	2	1	2	3	1
13	2			.3				1			9	9		1		1	1	
20	3			.4							3	3						
27	1			.3							1			.1				
May 4	2		1												1			
11			1															
18														1				
26			1															
June 8				.1														
Total	358.3	127.4	290.3	205.5	53	194.2	241	258	98.3	71	63.1	5	162	401.2	36	126.1	35	9.5

\*Weekly shipments of less than .1 carload omitted.

TABLE XIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CABBAGE BY COUNTIES, SEASON 1928-29.—Continued.\*

Weeks Ending	Flagler	Osceola	Sarasota	St. Johns	Hardee	Collier	Brevard	Citrus	Okechobee	Hernando	Highlands	Indian River	Pasco	Bradford	Escambia	Levy	Total
Dec. 8																	1.1
15																	3.1
22																	12
29																	18.2
Jan. 5																	44.7
12																	68.5
19																	137.5
26	2	1	3	3													171.9
Feb. 2	6	2	1	13.1	2												231.9
9	6			23	1												225.3
16	12		2	21		1											310.8
23	8		1	24	1												285.3
Mar. 2	23	1		30	3	1											316.1
9	16			33	5		1	1									338
16	24			45	1		2		1								364
23	28			25	1					.1	1						325.2
30	24			20								1					224
Apr. 6	4			1									1				56.3
13	1								1					1			14.3
20																	6.4
27													1		2		6.4
May 4													1	1	3		5
11																1	4
18																	2
25																	2
June 8																	1
Total	154	4	7	238.1	14	2	3	1	2	.1	1	1	1	4	5	1	3,173.1

\*Weekly shipments of less than .1 carload omitted.



TABLE XIV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CABBAGE BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Area 5†	Area 6†	Other Counties†	Total
Dcc. 8.....	1.1							1.1
15.....	3.1							3.1
22.....	11	1						12
29.....	18		.2					18.2
Jan. 5.....	31	3	.6	1	6	2.	1.1	44.7
12.....	42	1	4.5	2	3	10	6	68.5
19.....	60	9	5.5	9	19	22	13	137.5
26.....	56	25	6.7	20	21	21	22.2	171.9
Feb. 2.....	46	47.1	21.6	32	29	34	22.2	231.9
9.....	43.2	58	10.8	43	27	23.1	20.2	225.3
16.....	27.3	77	21.5	86	31	38	30	310.8
23.....	36	67	24.3	76	31	29	22	285.3
Mar. 2.....	20	98.1	19.9	109	28	10.1	31	316.1
9.....	18	106.1	24.9	118	33	5	33	338
16.....	17	108.2	22.6	142.1	33		41.1	364
23.....	21	116	9.1	108	20		51.1	325.2
30.....	17	77	20.9	65	10		34.1	224
Apr. 6.....	10	10	11.3	7	3		15	56.3
13.....	2	2	.3	2			8	14.3
20.....	3		.4				3	6.4
27.....	1		.3	.1			5	6.4
May 4.....		1					4	5
11.....	2	1					1	4
18.....				1			1	2
25.....		1						1
June 8.....			.1					.1
Total.....	485.7	808.5	205.5	821.2	294	194.2	364	3,173.1

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 9 for counties included.

## CUCUMBERS

Florida shipped 2,307.5 equivalent carloads of cucumbers during the 1928-1929 season (Table XV). In this commodity, also, the competition of areas among themselves is serious. There are five of these areas, as shown on the map in Fig. 10. In some seasons Area 1 around Wauchula is on the spring market for a time unmolested by other areas. It was not so fortunate, however, in 1928-29 because its most serious competitors, which are Area 2 (Sumter County) and Area 5 (Orange and Lake counties), came along with it (Table XVI). By the use of board troughs and by banking, Area 2 frequently can come in with or near to Area 1. In fact, in 1929 Area 2 actually had its peak

TABLE XV.—WEEKLY SUMMARY OF EQUIVALENT CARLOAD SHIPMENTS OF FLORIDA CUCUMBERS BY COUNTIES, SEASON 1, 1928-29.\*

Weeks Ending	Hardee	Alachua	Levy	Marion	Summer	Union	Gilchrist	DeSoto	Polk	Collier	Hernando	Lee	Dade	Manatee	St. Lucie	Hendry	Lake	Glades	Indian River	Palm Beach	Volusia	
Oct. 13	.1																					
20	.3	.4	.3	.2	.1	1.1																
27	3	.8	.4	.3	.2	2.2																
3	12.4	2	.4	.8	.2	1.9																
10	18.1		.8	1.4	.5	2.2																
17	17.1		.2		.5	2																
24	14.4				.5	1.1																
Dec. 1	1.1																					
8	.8																					
15										1												
22																						
29																						
Jan. 5																						
12																						
19																						
26																						
Feb. 2																						
9																						
16																						
23																						
Mar. 2																						
9																						
16																						
23																						
30																						
Apr. 6																						
13																						
20																						
27																						
May 4																						
11																						
18																						
25																						
June 1																						
8																						
Total	425.2	400.4	431.1	91.7	144.9	19.7	1.7	1.4	3.8	3.3	3.5	19.8	3.5	43.2	1.1	8	42.6	5.6	6	1.9	3.1	

\*Weekly shipments of less than .1 carload omitted.

TABLE XV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CUCUMBERS BY COUNTIES, SEASON 1928-29—Continued.\*

Weeks Ending	Broward	Pasco	Charlotte	Hillsborough	Orange	Martin	Brevard	Osceola	Seminole	Putnam	Sarasota	St. Johns	Okeechobee	Pinellas	Bradford	Citrus	Columbia	Duval	Hamilton	Total
Oct. 13																				1
20																				23
27																				63
Nov. 3																				15
10																				25
17																				23
24																				4
Dec. 1																				23
8																				4
15																				8
22																				9
29																				9
Jan. 5	1																			2
12	2																			4
19	1																			2
26	4																			5
Feb. 2	1																			4
9	7																			14
16	4																			17
23	15																			25
Mar. 2	16																			14
9	2																			19
16	7																			19
23	8																			114
30	3																			298
Apr. 6	1																			262
13	3																			260
20	5																			8
27	8																			317
May 4	2																			387
11	4																			77
18	1																			317
25	2																			194
June 1	1																			44
8	1																			93
Total	113	43	6	67.3	191.5	7.1	1.1	4.5	1	11.4	4	23.6	6	4	32	2	27	5	3	2,307.5

\*Weekly shipments of less than 1 carload omitted.

ahead of Area 1 and the peak was also higher. The peak for Area 5 came only one week later than that for Area 1, and the Area 3 (Levy and Marion counties) peak came two weeks after that of Area 5. The peak of Area 4 (Alachua County) shipments was only one week later than that of Area 3. Although each area sold its crop within a narrow period of four or five weeks, it experienced competition from at least three or four other areas. It is true that Area 1 had a light fall crop. One week (November 10) 18 carloads were shipped (Table XVI), and as many as five carloads came from other sections of the state, both north and south, in less than carload amounts but the total fall crop was light.

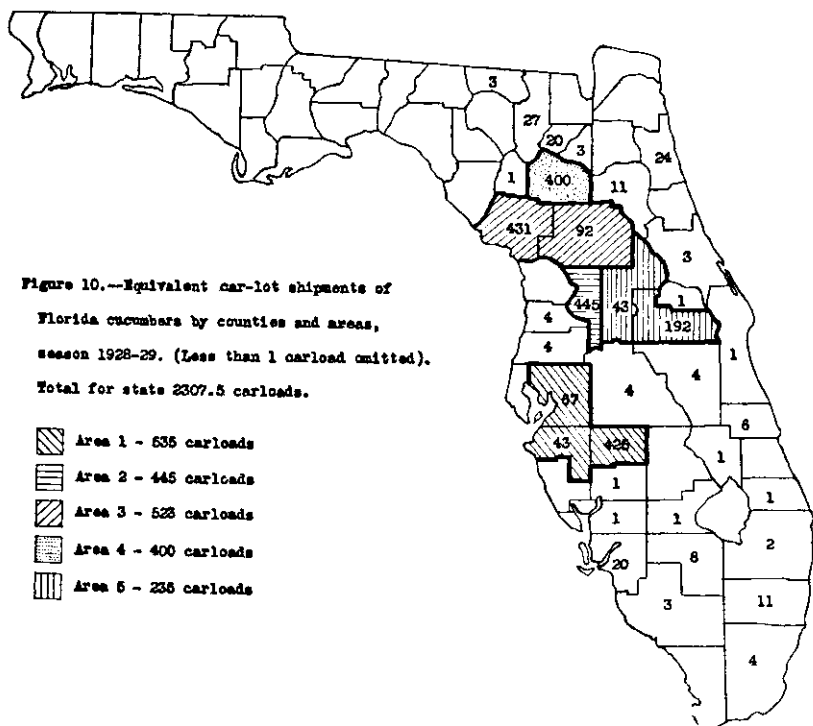


TABLE XVI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CUCUMBERS BY AREAS, SEASON 1928-29.\*

	Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Area 5†	Other Counties†	Total
Oct.	13.....	.1						.1
	20.....	.3	.1	.5	.4		1	2.3
	27.....	3		.6	.3		2.4	6.3
Nov.	3.....	12.4	.2	.7	.2		1.5	15
	10.....	18.1	.2	2.2			2.5	23
	17.....	15.2	.5	.2			2.5	18.4
	24.....	14.6	.5				8.3	23.4
Dec.	1.....	1.1				.1	7.3	8.5
	8.....	.9					9	9.9
	15.....						5.8	5.8
	22.....						2.9	2.9
	29.....						.6	.6
Jan.	5.....						.2	.2
	12.....						.4	.4
	19.....						.2	.2
	26.....						.5	.5
Feb.	2.....						1.4	1.4
	9.....						1.9	1.9
	16.....						4.3	4.3
	23.....						1.7	1.7
Mar.	2.....						2.5	2.5
	9.....	.2	.3				.9	1.4
	16.....	5.1	11.7			.5	1.7	19
	23.....	27.5	79.2			5	3.1	114.8
	30.....	115.6	155.9	.3		20.3	6	298.1
Apr.	6.....	119.9	104.4	.9		30.3	6.7	262.2
	13.....	111.7	67.9	10.2		67.4	3.6	260.8
	20.....	58.3	19	86.4	3.4	48.3	2.1	217.5
	27.....	28.8	4.6	228.4	82	34.2	9.7	387.7
May	4.....	2.7	.4	154	126.1	16	17.8	317
	11.....	.2		35.3	126.1	9	24.3	194.4
	18.....			2.8	60.3	3	26.4	93
	25.....				1.4		10.4	11.8
June	1.....			.3				.3
	8.....				.2			.2
Total .....		535.7	444.9	522.8	400.4	234.1	169.6	2,307.5

\*Weekly shipments of less than .1 carload omitted.

†See figure 10 for counties included.

PEPPERS

Within the state six areas have been designated (Fig. 11). Besides, there were 17 other counties where peppers were grown and shipped during the year (Table XVII). The total from the state was 2,299.3 equivalent carloads (Table XVIII).

Areas 2 (Broward and Dade counties) and 1 (Hillsborough, Manatee and Hardee counties) led all others as to quantity put on the market. That part of the state usually known as South Florida, and containing Areas 1, 2 and 3, appears to be the only place in the United States where peppers can be grown and marketed profitably throughout the winter. In case there should occur a curtailment of importation of peppers into the United States, South Florida could increase its production, provided the production costs are not too high and provided that other more valuable crops are not displaced.

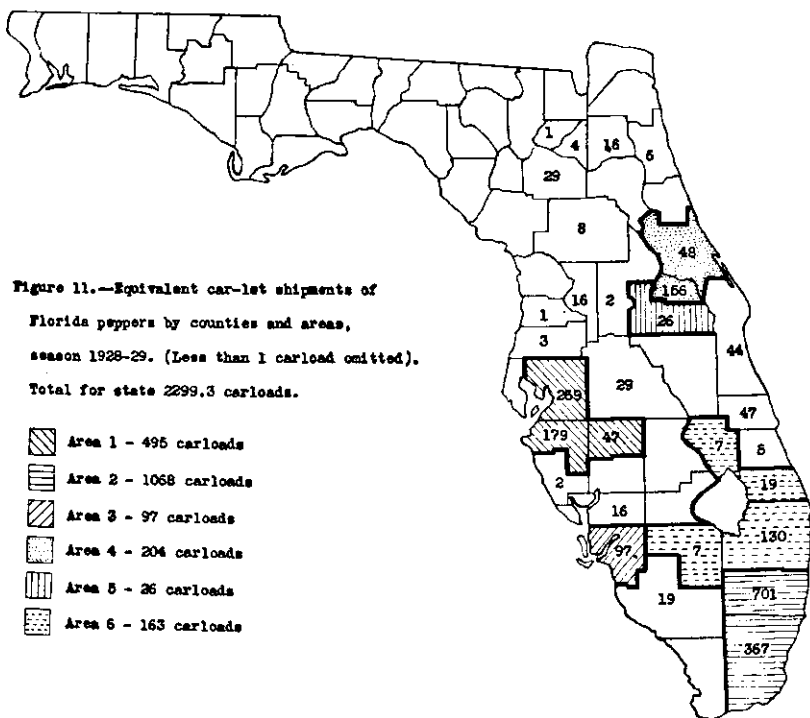


TABLE XVII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA PEPPERS BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Hardee	Brevard	Dade	Hillsborough	Lee	St. Johns	Manatee	Orange	Seminole	Indian River	Glades	Broward	Collier	Charlotte	Martin	Palm Beach	Desoto	St. Lucie
Oct. 27	2																	
Nov. 3	4																	
10	8																	
17	19																	
24	1	1	1	1	1	1	2.3	2.5	1	1								
Dec. 1	1	1	1	1	3	1	4	3		1								
8	18	4	1		21		6.1	1.1		3								
16	17	2	1	1	39		4.8			2								
22	47	6	2		61		3.4			3								
29	21	4	4	2.1	63		3.4	1		4								
Jan. 5	1.6	5	3	2.1	48		1.9			1								
12	1	9	5		21		2.5			4								
19	1	9	3.9	4	2.1		3.8			4								
26	1.3	1.8	3.9	4	10.6		2.7			4								
Feb. 2	1.1	1.8	10.2		6.5		3			6								
9	1.3	1.2	5.8		13.8		3.6			1.8								
16	.8	2	19.9		1.3		1.4			1.5								
23	8	1.1	20.4		8.5		1.4			1.4								
Mar. 2	1.2	1.4	3.1		5.8		5	1		2.3								
9	3.3	2.2	15.3	2	8.2		4			1.6								
16	3.2	3	87.3	2.1	2.4		2.4			5.5								
23	5	2.8	16.8	2.1	2.4		4.9	8.1		3								
30	1.2	2.5	35.2	2.1	2.1		3.7	2		2								
Apr. 6	1.8	1.5	40.6	2	3		7	2		2.6								
13	.8	3.4	25.1	2.5	3.1		7	1		3.2								
20	1.1	2.3	37.1	3.7	1		5.4			3.7								
27	.9	2.5	25.3	19.2			24.4			2								
May 4	1.1	1.6	1.8	29.5	1		26.3	2.1	1	1								
11	2.2	1.8	1.2	24			11.7			2								
18	5	2.1	17.5	24.5	1.1	3	19.2	1	12.5	2.2								
25	.5	2.1	32.3	57.2	1	3	29.3		40.2	3.4								
June 1	.2	.6	5	32.3	2		3.4	1	22	2.1								
8	.2	1	2	27.5	1	1.1	1.1	1	24.5	5								
15	1	1	1	22	1	3	1.1	2	29	2.4								
22	1	1	1	1	1	6		1	8.4	1								
29										1.1								
July 6										1.1								
13										1.1								
20										1.1								
27										1.1								
Aug. 17										1.1								
Total	46.8	44	367.1	268.9	97.2	6.9	179.1	26.3	155.6	46.7	2	700.7	19.1	15.8	18.9	129.6	3	4.9

\*Figures in parentheses of less than 1 carload omitted.

TABLE XVII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA PEPPERS BY COUNTIES, SEASON 1928-29—Continued.\*

Weeks Ending	Polk	Sarasota	Hendry	Okechobee	Pasco	Sumter	Volusia	Alachua	Clay	Hernando	Highlands	Marion	Bradford	Lake	Levy	Putnam	Union	Total
Oct. 27																		.2
Nov. 3																		.4
10																		.8
17																		3.3
24																		7.7
Dec. 1																		4.7
8																		8.9
15																		12.7
22																		14.8
29																		13.5
Jan. 5																		16.7
12																		14.2
19																		15.6
26																		44.5
Feb. 2																		46.5
9	.1																	44
16		.1																46.2
23																		89.8
Mar. 2																		110.1
9			.1															99.3
16	.1																	128.3
23		.1		.1														118.1
30			.1	.1														124.4
Apr. 6			.1	.1														108.7
13		.1	.2	.2														93.9
20	.1	.2	.1	.1														114.9
27		.1	.1	.1	.1													142.2
May 4	2.3	.3	.3	1	.1	.2	.1	.4	.1	.1								108
11	1.6		.3	3.1	.3	1.3	1.1	2.9	.6	.1	.1	.2						126
18	4.4		.4		.3	1	6.2	2.9	.8	.1	.1	.2	.2	.2				194.7
25	2.9		1	1.1	.3	1.6	15.1	2.5	.8	.1	.1	1	.2	.1				117.5
June 1	5.4	.2	1.2	1	.3	2.9	13	4.3	2.1	.1	.1	1	.3	.1	.1			92.2
8	9.2		.1	.1	.7	1.6	4	5.4	4.1	.1	.1	2.2	5	.1				83.4
15	9.2			.1	.6	1.8	5	2.3	1.1	.1	.1	3.1	7	.1				86.2
22	.6				.3	2.1		8.2	3.1	.1	.1	1.3	.6					23.3
29	.3				.3	3.1	2	1.4	3.1	.1	.1	.3	.8					3.8
July 6					1	1	1	.2	1.1	.1	.1	1	.1					.9
13								1.1										1.2
20								.2										.4
27								.1										.1
Aug. 17								.1										.1
Total	29.3	2.1	6.9	6.6	3.2	15.6	47.5	29	16.1	.7	2	8.4	3.5	1.5	.1	.2	1.3	239.3

\*Weekly shipments of less than .1 carload omitted.



TABLE XVIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA PEPPERS BY AREAS, SEASON 1928-29\*.

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Area 5†	Area 6†	Other Counties†	Total
Oct. 27	.2							.2
Nov. 3	.4							.4
10	.8							.8
17	2.9	.1	.1				.2	3.3
24	3.3	.1	1.4	.1	2.5		.3	7.7
Dec. 1	3.1	.1	.3		1		.2	4.7
8	5.8	.1	2.1		.3	.1	.5	8.9
15	8.8	.2	2.1		1.1		.5	12.7
22	9.5	.4	3.9				1	14.8
29	5.5	.9	6.1			.2	.8	13.5
Jan. 5	5.6	2.4	6.3		1	.3	1.1	16.7
12	3.5	4.4	4.8			.1	1.4	14.2
19	3.4	8.2	2.1			.4	1.5	15.6
26	9.1	20.8	10.6			2.2	1.8	44.5
Feb. 2	3.8	30.2	6.5			2.4	3.6	46.5
9	3.8	20.9	13.8			1.5	4	44
16	4.3	34.1	1.3			3.8	2.7	46.2
23	2.2	71.3	3.5			9.7	3.1	89.8
Mar. 2	1.7	92.3	5.8		.1	4.3	5.9	110.1
9	5.7	72.4	8.2			7.3	5.7	99.3
16	5.6	101.3	2.4		1	5.8	12.2	128.3
23	12	72.4	2.4		8.1	16.3	6.9	118.1
30	7	98.3	2.1		2	8.1	6.9	124.4
Apr. 6	2.7	87	3		2	8.7	5.3	108.7
13	4	67.4	3.1			5	8.7	88.2
20	10.2	70.1	.1		1	5	7.5	93.9
27	44.5	52.7		.1		7.9	9.7	114.9
May 4	56.9	57.1		5.2	2.1	13.1	7.8	142.2
11	37.9	39.7	1	7.8		12.8	8.8	108
18	44.7	34.9	1.1	18.7	.1	8.4	18.1	126
25	87	19.9	1	55.3		12	19.5	194.7
June 1	45.9	.6	2	35		13.1	20.9	117.5
8	28.7	.2		28.5	1	3.9	29.9	92.2
15	23.2	3.6	.1	34		4.2	18.3	83.4
22	1.1	2.8		7	2	4.6	17.7	35.2
29		.3		10.4	1	1	10.6	23.3
July 6		.3		1			2.5	3.8
13		.3					.6	.9
20							1.2	1.2
27							.4	.4
Aug. 17							.1	.1
Total	494.8	1,067.8	97.2	203.1	26.3	162.2	247.9	2,299.3

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 11 for counties included.

STRAWBERRIES

An equivalent of 2,144.8 carloads of strawberries moved from the state, mostly within a period of nine weeks (Table XIX). There are three areas (Fig. 12), two of which are large in volume of shipments. Area 1, known as the Plant City Area, was first to come on the market, starting December 8. Two weeks later this area was shipping more than five carloads per week. It reached its peak March 2 with 324.3 carloads. Area 3, around Starke and Lawtey, reached five carloads February 23 and its peak of 97.4 carloads occurred March 16, only two weeks later than the peak for Area 1. The Winter Garden section (Area 2) did not have any time in which to ship unmolested by the other areas. Its peak of 14.7 carloads moved March 2, the same date as the peak for Area 1 and its season ended before either of the other areas finished shipping.

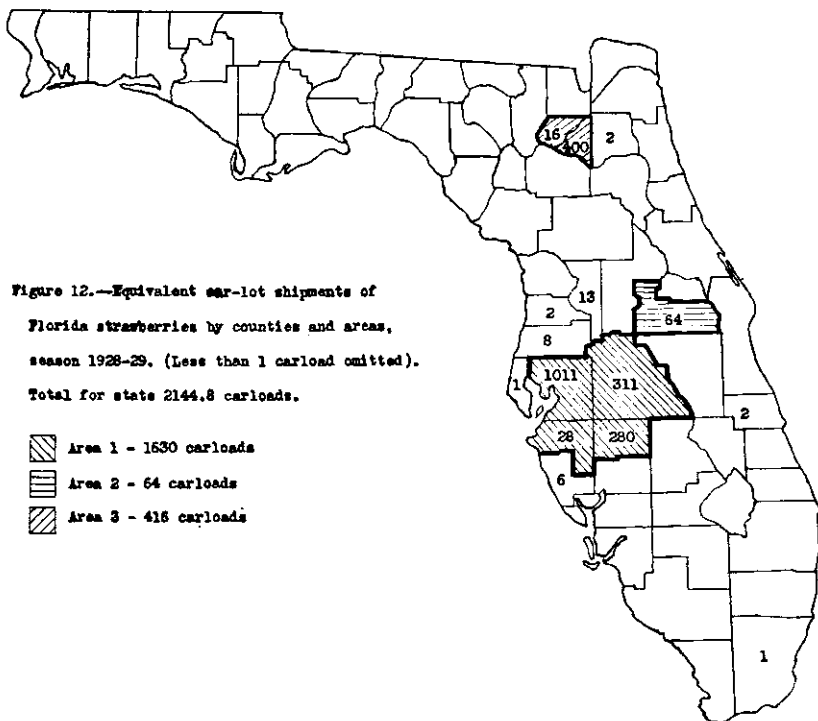


TABLE XIX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA STRAWBERRIES BY COUNTIES,  
SEASON 1928-29.\*

Weeks Ending	Hillsborough	Polk	Hardee	Manatee	Orange	Sumter	Sarasota	Dade	Pasco	Pinellas	Bradford	Indian River	Hernando	Seminole	Clay	DeSoto	Union	Alachua	Total
Dec. 8	.5	.4																	.9
15	.7	.4	.3																1.4
22	3	1.6	1.1	.1	.1														5.9
29	4.6	1.9	1.7			.1													8.3
Jan. 5	3.9	3.8	2.8	.1	.3		.1												11
12	7.8	4.2	4.9	.1	.5	.2	.2												17.9
19	17.1	8	8.1	.3	1	.3	.6	.3	.4	.1									36.2
26	70.6	29.2	16.1	2.9	6.2	.3	.7	.1	.1	.2	.3								127
Feb. 2	70.4	26.8	13.5	3	5.3	.4	1.4	.2	.3	.1	1.1	.3	.1	.3					123.1
9	84.1	27.5	23.9	2.2	4.5	1			.7	.1	.8	.2	.1						145.1
16	90.2	27.7	25.6	3.5	5.6	.8			.7		1.6	.2	.1						156
23	152.2	46.4	46	4.9	7.9	1.7	.1	.1	1.5	.1	5	.3	.5		.2	.1	.2		267.2
Mar. 2	204.6	61.1	51.6	7	14.7	2.5	2.1		1.8	.1	27.9	.3	.1	.1	.5		.8	.1	375.3
9	122.1	32.1	32.3	1.9	8.2	2.2	.1		1		49	.1	.7		.2		1		250.9
16	103.3	23.7	29	1.1	5.3	1.3	.1		.9		95.4	.1	.3	.1	.1		2	.1	262.8
23	55.4	10.5	17.4	.8	1	.9	.1		.5		60.2	.1	.2		.1		2.3	.1	149.5
30	17.6	4.2	5.2	.2	3.1	.5	.1		.2		55.8		.1		.4		3.2		90.6
Apr. 6	1.8	1.7	.1			.1			.1		40.6				.3		2.1		46.8
13	.4	.2	.1			.1			.1		19.6				.1		.7		21.3
20	.2					.1			.1		11.3				.1		.8		12.6
27			.2			.1			.1		16.7				.2		1.6	.1	19
May 4			.2								7.8				.1		.8		8.9
11	.1										4.3						.3		4.7
18											2.1						.1		2.2
25											.2								.2
Total	1,010.6	311.4	280.1	28.1	63.7	12.6	5.6	.7	8.5	.7	399.7	1.7	2.2	.5	2.3	.1	15.9	.4	2,144.8

\*Weekly shipments of less than .1 carload omitted.

TABLE XX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA STRAWBERRIES BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Other Counties†	Total
Dec. 8	.9				.9
15	1.4				1.4
22	5.8	.1			5.9
29	8.2			.1	8.3
Jan. 5	10.6	.3		.1	11
12	17	.5		.4	17.9
19	33.5	1		1.7	36.2
26	118.8	6.2	.3	1.7	127
Feb. 2	113.7	5.3	1.1	3	123.1
9	137.7	4.5	.8	2.1	145.1
16	147	5.6	1.6	1.8	156
23	249.5	7.9	5.2	4.6	267.2
Mar. 2	324.3	14.7	28.7	7.6	375.3
9	188.4	8.2	50	4.3	250.9
16	157.1	5.3	97.4	3	262.8
23	84.1	1	62.5	1.9	149.5
30	27.2	3.1	59	1.3	90.6
Apr. 6	3.6		42.7	.5	46.8
13	.7		20.3	.3	21.3
20	.2		12.1	.3	12.6
27	.2		18.3	.5	19
May 4	.2		8.6	.1	8.9
11	.1		4.6		4.7
18			2.2		2.2
25			.2		.2
Total	1,630.2	63.7	415.6	35.3	2,144.8

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 12 for counties included.

### SUB-MAJOR CROPS

TABLE XXI.—TOTAL EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA SUB-MAJOR TRUCK CROPS, SEASON 1928-29.

Crop	Equivalent Carloads	Crop	Equivalent Carloads
Lettuce	935.9	Green Corn	292.5
Escarole	676.4	Squashes	236.5
Eggplants	329.1	Okra	227.2
Romaine	292.6	Green Peas	119

### LETTUCE

For the season 1928-29 lettuce was the largest of the sub-major crops. In some counties, such as Seminole, it is used as

a minor crop preceding celery. There were 935.9 equivalent carloads for the season studied.

It is interesting to notice that geographic location and climatic conditions apparently did not tend to regulate the time of marketing lettuce. Area 1, Seminole County, was on the market first (Table XXIII). It had its peak soon after Area 3 (Winter Garden section) began shipping, and Area 1 had practically finished by the time Area 3 had its peak, yet these areas are only a few miles apart. Even more noticeable, however, Area 3 is about 100 miles northeast of Area 4 (Manatee County), yet they came on the market only two weeks apart and their peaks came the same week. It is evident that climate was not a factor, but that the growers in Seminole County fit their time of planting to their crop rotation and they grow lettuce early, before celery rather than let the ground lie idle. On the other hand, Area 2 (Alachua and Marion counties) marketed the bulk of its crop during the month of March as would be expected, since it is a northern area. There was but little direct competition of Area 2 with other areas in the state.

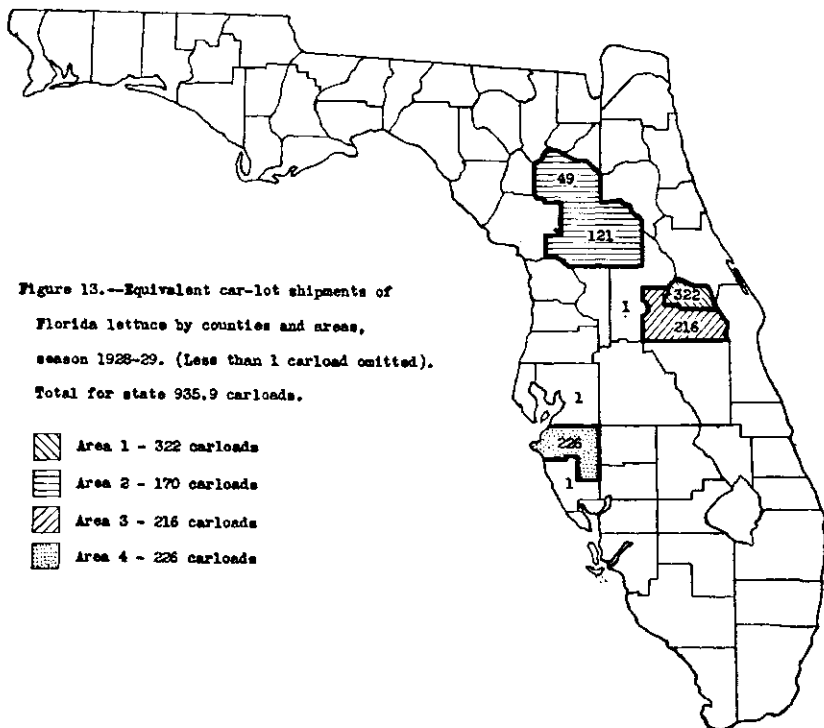


TABLE XXII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA LETTUCE BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Seminole	Marion	Orange	Manatee	Dade	Sarasota	Alachua	Lake	Hillsborough	Total
Nov. 10	.1									.1
24	16.2	.1								16.3
Dec. 1	47.8	.2	3							51
8	105.2		21.5							126.7
15	70.4		15	8.1						93.5
22	34.4		24	7.2	.1					65.7
29	21.2		13	8						42.2
Jan. 5	12.5		22	23.1		.5				58.1
12	11		43	42.2		.1	.1	.1		96.5
19	1.4	.1	32.3	35.8		.1	.1	.2		70
26	.2	.1	15.1	25.5				.1		41
Feb. 2	.1		9.1	19.2				.1		28.5
9	.1	.1	4	13.4	.1			.1		17.8
16		1	7	16.4						24.4
23	1.1	9	7	13.3			12.4			42.8
Mar. 2	.1	26.4		12.1			14.7			53.3
9		35.4		1.2			10.3			46.9
16		25.3		.2			7.5			33
23		21.4					3.8		1	26.2
30		1.8					.1			1.9
Total	321.8	120.9	216	225.7	.2	.7	49	.6	1	935.9

\*Weekly shipments of less than .1 carload omitted.

TABLE XXIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA LETTUCE BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Other Counties†	Total
Nov. 10	.1					.1
24	16.2	.1				16.3
Dec. 1	47.8	.2	3			51
8	105.2		21.5			126.7
15	70.4		15	8.1		93.5
22	34.4		24	7.2	.1	65.7
29	21.2		13	8		42.2
Jan. 5	12.5		22	23.1	.5	58.1
12	11	.1	43	42.2	.2	96.5
19	1.4	.2	32.3	35.8	.3	70
26	.2	.1	15.1	25.5	.1	41
Feb. 2	.1		9.1	19.2	.1	28.5
9	.1	.1	4	13.4	.2	17.8
16		1	7	16.4		24.4
23	1.1	21.4	7	13.3		42.8
Mar. 2	.1	41.1		12.1		53.3
9		45.7		1.2		46.9
16		32.8		.2		33
23		25.2			1	26.2
30		1.9				1.9
Total	321.8	169.9	216	225.7	2.5	935.9

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 13 for counties included.

## ESCAROLE

A study of Table XXIV and Fig. 14 leads one to divide the state into only two areas for escarole, with Seminole and Manatee counties, respectively, as the chief centers. Volusia County produced 45 carloads of escarole that year, but it did not figure at all in the production of lettuce. The two areas were in direct competition practically throughout their entire marketing period (Table XXV). Like lettuce, escarole is a cool weather crop, its season ending about April 1.

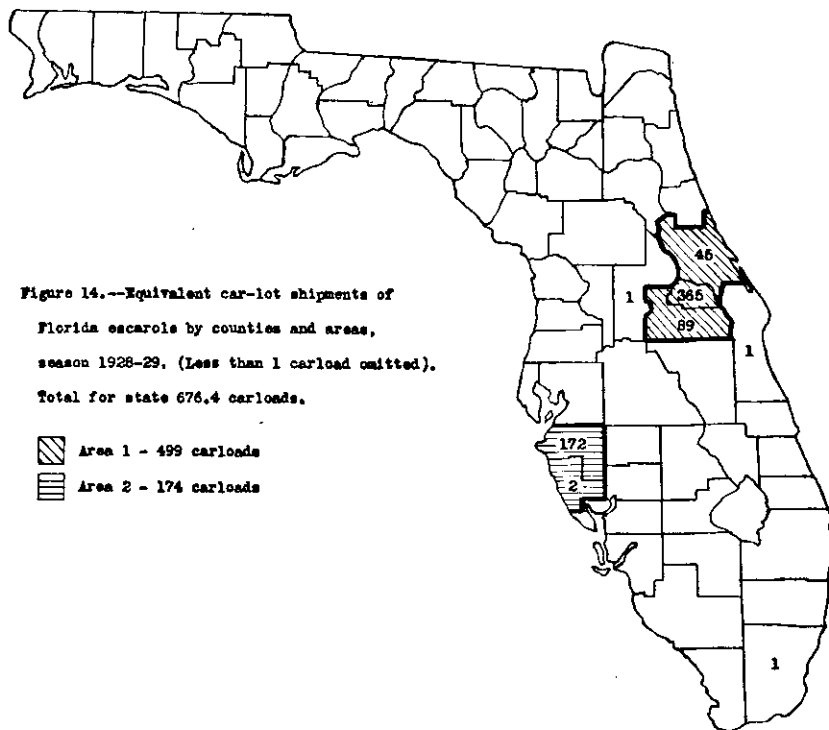


TABLE XXIV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA ESCAROLE BY COUNTIES, SEASON 1928-29\*

Weeks Ending		Seminole	Manatee	Volusia	Orange	Dade	Lake	Hillsborough	Sarasota	Brevard	Total
Dec.	8	2									2
	15	4	1	2							7
	22	34	6	1	4						45
	29	29	6	1	10	.1					46.1
Jan.	5	40.1	17	6.3	4	.2					67.6
	12	30	11	4	7						52
	19	24	28	2	12		1				67
	26	26.1	10	7	9						52.1
Feb.	2	22	5	1	5						33
	9	22	27	4	9	.1		.1	1		63.2
	16	33	18	6	1				1	1	60
	23	28	18	8	9						63
Mar.	2	26.2	11	3	13						53.2
	9	26	12		3						41
	16	9	2		3	.2					14.2
	23	7									7
	30	3									3
Total		365.4	172	45.3	89	.6	1	.1	2	1	676.4

\*Weekly shipments of less than .1 carload omitted.

TABLE XXV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA ESCAROLE BY AREAS, SEASON 1928-29.\*

Weeks Ending		Area 1†	Area 2†	Other Counties†	Total
Dec.	8	2			2
	15	6	1		7
	22	39	6		45
	29	40	6	.1	46.1
Jan.	5	50.4	17	.2	67.6
	12	41	11		52
	19	38	28	1	67
	26	42.1	10		52.1
Feb.	2	28	5		33
	9	35	28	.2	63.2
	16	40	19	1	60
	23	45	18		63
Mar.	2	42.2	11		53.2
	9	29	12		41
	16	12	2	.2	14.2
	23	7			7
	30	3			3
Total		499.7	174	2.7	676.4

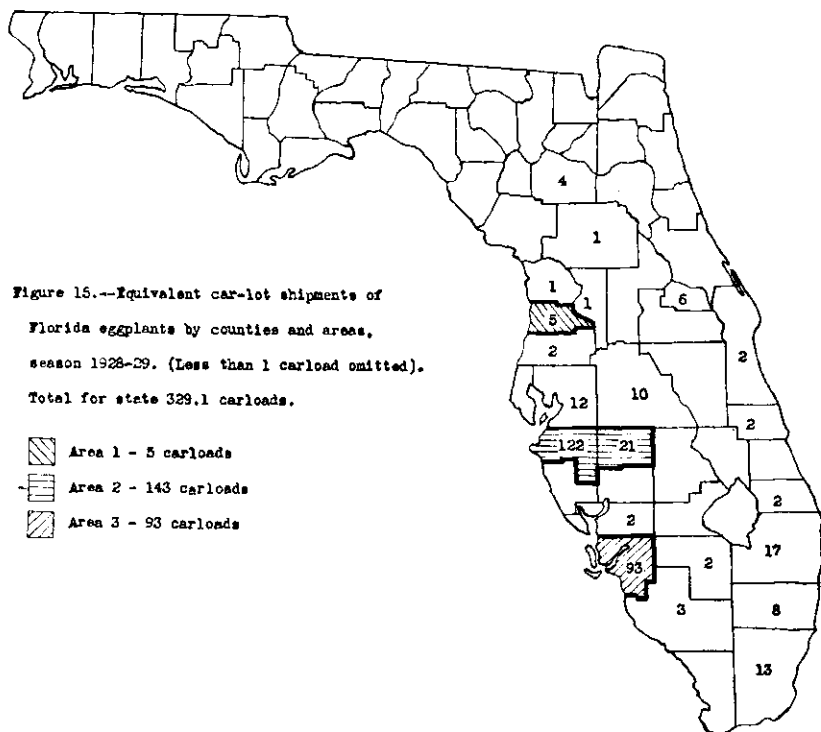
\*Weekly shipments of less than .1 carload omitted.

†See Fig. 14 for counties included.



## EGGPLANTS

There are two important areas in Florida growing eggplants (Table XXVII and Fig. 15). They are Area 2 (Manatee) and Area 3 (Ft. Myers). Area 1 (Hernando County), though small, is considered as a separate area due to the fact that it markets most of its eggplants in the fall and early winter not much in competition with the other areas. Area 3 came on the market December 29. It had its peak April 6, just when Area 2 started shipping in carload lots. Then, during the week ending May 4, Area 2 reached a volume of five carloads after having shipped less than carloads by express for 25 weeks, and had its peak on May 18 with 31.7 carloads. The intra-state competition, therefore, is not so noticeable with eggplants as it is with many other crops. Like the other openings revealed, there may be an opportunity in South Florida to ship a greater volume of eggplants in the fall and early winter.



Weeks Ending	Hernando	Alachua	Citrus	Hardee	Pasco	Brevard	Marion	Volusia	Sumter	Dade	Manatee	Lee	Broward	Palm Beach	Charlotte	Hillsborough	Indian River	Martin	Collier	Henry	Glades	St. Lucie	Polk	Seminole	Gilchrist	Total
Oct. 6	.4																									4
13	.5																									5
20	.1	.1																								2
27	.1		.1	.2	.1																					5
Nov. 3	.4				.1																					1.1
10	.5																									1.5
17	.5						.1																			2
24	.6				.6		.1		.1																	3.3
Dec. 1	.4								.1																	7
8				.3	.1																					4
15	.1			.2	.2	.1				.1																4
22	.1			.4	.2					.1	.1															7
29				.2		.1				.1		.1														5
Jan. 5	.1			.2		.1					.1		.1													7
12				.2						.1																5
19				.1		.2					.1															1.3
26	.1			.1							.1															1.5
Feb. 2				.2		.2				.2	.3		.1	.4	.3											1.6
9						.1				.1	.4		.1	.3												1.9
16				.2		.2				.1	.4		.3	.5												1.9
23						.1				.4	.1		.1	.9	.1											3.8
Mar. 2				.1		.1				.3	.1		.7	1.3	.4											4.6
9				.2						.8	.1		1	1.3	.1	.3										8.2
16				.4						.6	.1	4.1	.4	1	.4	.5			.1	.1						7.6
23				.3						.7	.4	5.4	.8	1.2	.2	.2	.1	.1	.1							10.3
30				.2		.1				.9	.5	9.5	.6	1.4	.2	.2	.2	.1	1							14.7
Apr. 6				.3						8.7	1.6	17.1	.1	1.5	.1		.1									24.5
13				.1						1.2	1.2	8.5	.2	.7			.2	.2								13.3
20				.1						1.8	2.3	7.2	.2	.8			.1	.2								12.8
27				.3						1.1	2.4	7.7	.2	.8			.2	.1								13.1
May 4				.1						.1	5.1	9.2	.8	.9		.1	.3			.1			.5			17.3
11				.3							10.4	6.2	.3	.6			.7	.1	.1					.3		19.5
18				2.4						.2	29.3	4.4	.2	.8			1.6	.1	.1							39
25				3.2						.1	18.9	2.8	.2	.8			.9	.1	.3		.5					29.3
June 1				1.5					.3		19.2	1.6		.7			.9	.1	.3							26.3
8				4.4						.1	13.1	.4		.1			.7	1.1	.1							24.4
15		.1		.4			.3		.2		13.9	.6		.1		3.1		.1	.2							23.2
22		2	.1	1.4			.1		.1		1.3	.1		.1			1									7
29				.3					.2		.5	.3														4
July 6				1.3					.1		.1	.1														2.1
13				.1							.2															.8
20				.2							.2															.6
27											.5															.7
Aug. 3				.1							.4															.6
10				.1																						.1
Total	4.6	4.5	1.4	21.2	1.8	1.5	.6	.4	1	12.9	122.3	93.3	7.5	16.8	2.4	11.6	1.8	1.9	3.2	2.1	.3	.1	9.9	5.9	.1	329.1

\*Weekly shipments of less than .1 carload omitted.

TABLE XXVII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA EGGPLANTS BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Other Counties†	Total
Oct. 6.....	.4				.4
13.....	.6				.6
20.....	.2			.1	.3
27.....	.1	.2		.2	.5
Nov. 3.....	.4	.2		.5	1.1
10.....	.9			.6	1.5
17.....	.6	.2		1.2	2
24.....	.6	.6		2.1	3.3
Dec. 1.....	.4	.2		.1	.7
8.....		.3		.1	.4
15.....	.1	.2		.4	.7
22.....	.1	.5		.1	.7
29.....		.2	.1	.2	.5
Jan. 5.....	.1	.3		.3	.7
12.....		.2	.1	.2	.5
19.....		.2	.4	.7	1.3
26.....	.1	.1	.3	1	1.5
Feb. 2.....		.2	.7	.7	1.6
9.....			.4	.5	.9
16.....		.1	.4	1.4	1.9
23.....		.1	.1	3.6	3.8
Mar. 2.....		.2	1.4	3	4.6
9.....		.3	4.2	3.7	8.2
16.....		.5	4.1	3.2	7.8
23.....		.7	5.4	4.2	10.3
30.....		.7	9.5	4.5	14.7
Apr. 6.....		1.9	17.1	5.5	24.5
13.....		1.3	8.5	3.5	13.3
20.....		2.4	7.2	3.2	12.8
27.....		2.7	7.7	2.7	13.1
May 4.....		5.2	9.2	2.9	17.3
11.....		10.7	6.2	2.6	19.5
18.....		31.7	4.4	2.9	39
25.....		22.1	2.8	4.4	29.3
June 1.....		20.7	1.6	4	26.3
8.....		17.5	.4	6.5	24.4
15.....		14.3	.6	8.3	23.2
22.....		2.7	.1	4.2	7
29.....		.8	.3	2.9	4
July 6.....		1.4	.1	.6	2.1
13.....		.4		.4	.8
20.....		.4		.2	.6
27.....		.5		.2	.7
Aug. 3.....		.5		.1	.6
10.....		.1			.1
Total .....	4.6	143.5	93.3	87.7	329.1

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 15 for counties included.

ROMAINE

In the shipping of romaine there are conditions similar to those of lettuce; that is, Area 1 (Orange and Seminole counties) came on the market ahead of Area 2, yet Area 2 is farther south (Fig. 16). These two areas competed during the greater part of their shipping seasons. Area 3 (Alachua and Marion counties) did not meet excessive direct competition from the other areas. For all areas, there were weeks of high shipments followed by weeks of low shipments, with no regularity throughout the season. (Tables XXVIII and XXIX.)

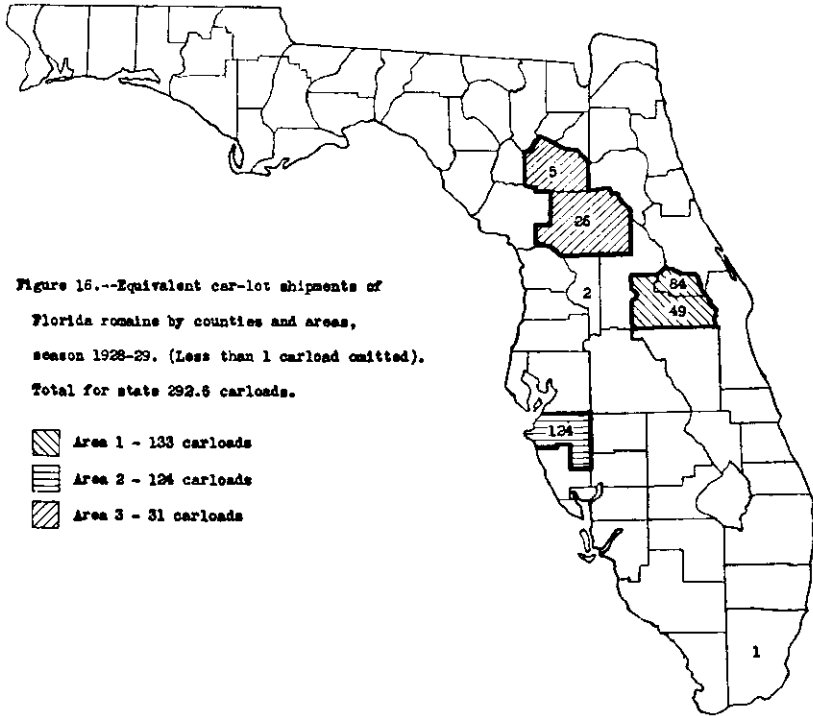


TABLE XXVIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA ROMAINE BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Seminole	Orange	Manatee	Dade	Marion	Sumter	Alachua	Total
Nov. 17	6							6
24	17							17
Dec. 1	10	1						11
8	33.3	3.2	9					45.5
15	5.1	2	3					10.1
22	5.1	6.1	7					18.2
29	2.2	1	5	.3				8.5
Jan. 5	2	6	12					20
12	1.1	2	13.2					16.3
19	.2	3	21					24.2
26	.6	14	18.1					32.7
Feb. 2	.1	2	14					16.1
9		6	3					9
16		1	3.1	.1				4.2
23	1	2	10	1				14
Mar. 2			3.1		2	.1		5.2
9			2		11	2.2	3	18.2
16			1		6	.1	1	8.1
23					3			3
30					4.2		1	5.2
Apr. 13							.1	.1
Total	83.7	49.3	124.5	1.4	26.2	2.4	5.1	292.6

\*Weekly shipments of less than .1 carload omitted.

TABLE XXIX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA ROMAINE BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Other Counties†	Total
Nov. 17	6				6
24	17				17
Dec. 1	11				11
8	36.5	9			45.5
15	7.1	3			10.1
22	11.2	7			18.2
29	3.2	5		.3	8.5
Jan. 5	8	12			20
12	3.1	13.2			16.3
19	3.2	21			24.2
26	14.6	18.1			32.7
Feb. 2	2.1	14			16.1
9	6	3			9
16	1	3.1		.1	4.2
23	3	10		1	14
Mar. 2		3.1	2	.1	5.2
9		2	14	2.2	18.2
16		1	7	.1	8.1
23			3		3
30			5.2		5.2
Apr. 13			.1		.1
Total	133	124.5	31.3	3.8	292.6

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 16 for counties included.

GREEN CORN

The largest volume of green corn was confined to the three counties of Alachua, Bradford and Polk (Table XXX). Alachua County led with a total of 132 equivalent carloads, largely from the town of Alachua. Another heavy shipping center was the town of Lawtey in Bradford County. Area 1 (Polk County), shipped during a period of nine weeks, and its season was practically over before Area 2 was shipping heavily. The peak for Area 2 occurred the week ending June 15 with a slightly decreased movement the following week. (Table XXXI.) Of the grand total from the state of 292.5 equivalent carloads, 242 were shipped from Area 2 (Fig. 17).

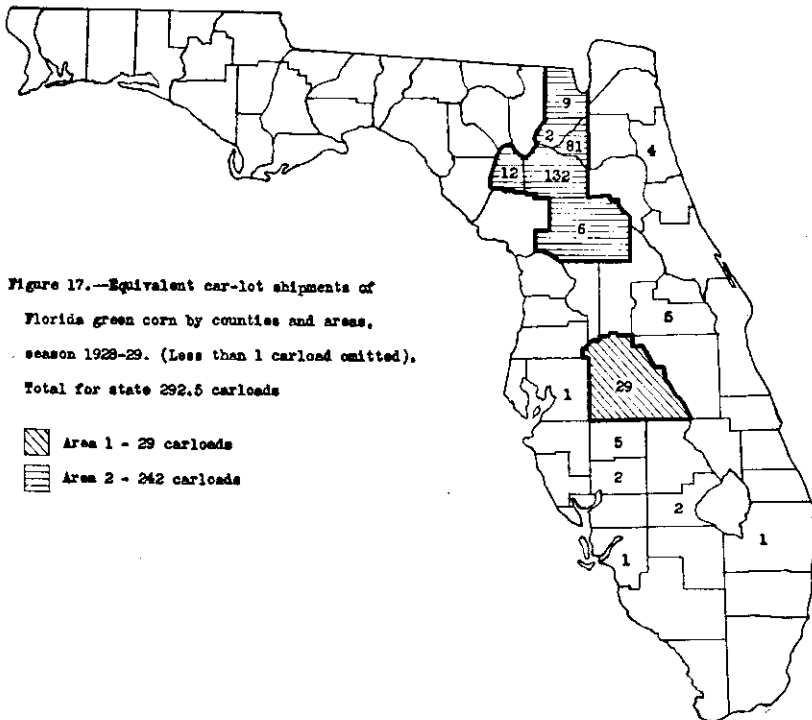


TABLE XXX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GREEN CORN BY COUNTIES,  
SEASON 1928-29\*

Weeks Ending	Palm Beach	St. Johns	Glades	Hillsborough	Hardee	Manatee	Polk	Sumter	DeSoto	Marion	Okechobee	Citrus	Union	Clay	Levy	Orange	Alachua	Bradford	Hernando	Lee	Baker	Gilchrist	Total
Sept. 8	1																						1
Oct. 27	1																						1
Dec. 15		.1																					.1
Feb. 23			.1																				.1
Mar. 2				.1																			.1
Mar. 9				.1																			.1
Mar. 30			.5	.1																			.6
Apr. 6			.3	.4	.1																		.8
Apr. 13			.1	.5			.1	.1															.9
Apr. 20				1.7			.4																2.5
Apr. 27			.1	3	1.9		5		1	.1	.1												8.5
May 4			.3	1	.3		3.9		1	.6	.1												6.4
May 11							4.2			.7	.1			.1	.1	.2							7.3
May 18							5.1			.9			.4			.3	.2	.5	.1	.1			12.8
May 25							7			1.2							.2	2.7					12.5
June 1							2			.7			.2		.2		4.2	8.4					15.7
June 8							1			1.3			1.1		.1		23.1	15.3			1		43
June 15																	37.1	25.4			2	4	68.6
June 22										.1							35	20			3	6	64.1
June 29										.1							21	6.1			2	2	31.1
July 6										.1							6	3			1		10.1
July 13																	3.1						3.1
July 20																	2						.1
Total	1	4.1	1.6	1.2	4.8	.1	28.7	.1	2	5.8	.1	.2	1.8	.1	.4	.5	131.9	81.4	.1	.1	9	12.1	292.5

\*Weekly shipments of less than .1 carload omitted.

TABLE XXXI.—WEEKLY SUMMARY OF EQUIVALENT SHIPMENTS OF FLORIDA GREEN CORN BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Other Counties†	Total
Sept. 8.....			1	1
Oct. 27.....			1	1
Dec. 15.....			.1	.1
Feb. 23.....			.1	.1
Mar. 2.....			.1	.1
9.....			.1	.1
30.....			.6	.6
Apr. 6.....			.8	.8
13.....	.1		.8	.9
20.....	.4		2.1	2.5
27.....	5	.1	3.4	8.5
May 4.....	3.9	.7	1.8	6.4
11.....	4.2	.7	2.4	7.3
18.....	5.1	1.6	6.1	12.8
25.....	7	4.5	1	12.5
June 1.....	2	13.5	.2	15.7
8.....	1	41.8	.2	43
15.....		68.6		68.6
22.....		64.1		64.1
29.....		31.1		31.1
July 6.....		10.1		10.1
13.....		3.1		3.1
20.....		2.1		2.1
Total .....	28.7	242	21.8	292.5

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 17 for counties included.

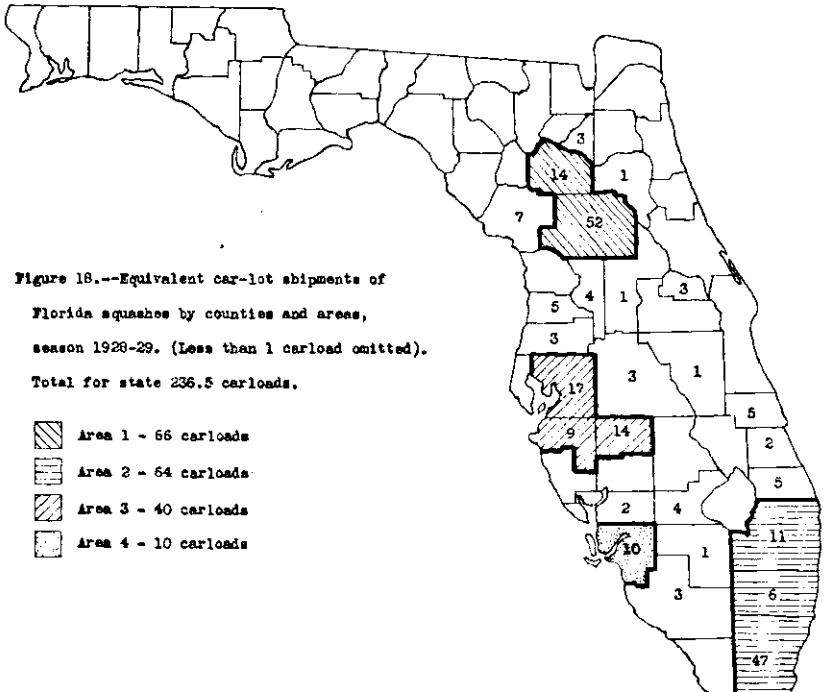


## SQUASHES

Squashes were marketed both in the fall and in the spring (Table XXXII). In some counties (for example Dade County) shipments were started in November in very small amounts, and continued until near the end of May. On the other hand, Marion, Alachua, Levy and other counties had both fall and spring crops.

Each area had direct competition with the other areas (Table XXXIII). Area 1 (Alachua and Marion counties), however, had less competition from the others because of its early fall crop and late spring crop. This area, also, had the highest peak of total shipments. On April 27 it sent 17.1 equivalent carloads, and the total shipments for the area were 66.5 equivalent carloads, mostly in a period of five weeks. Area 2 (Southeast Coast) shipped 64.8 equivalent carloads, but over a period of six months. The territory classed as "other counties" showed a large number of shipments extending from November to the middle of May.

This study reveals that the growing of squashes is widely distributed in the state. Some squashes were sent from the state every week (Table LX).



Weeks Ending	Bradford	Alachua	Marion	Levy	Pasco	Dade	Gilchrist	Hardee	Hernando	Union	Manatee	Martin	Lee	Polk	Broward	Charlotte	Palm Beach
Sept. 15	1																
Oct. 6		1	1	1													
13		1	1	1													
20		1	1	1													
27		2	4	2													
Nov. 3		2	7	5	1												
10		2	9	4	1				1	1			1	1			
17		3	11	1	1		1	1	1	1			1	1			
24		1		2					2				1				
Dec. 1																	
8																	
15																	
22																	
29																	
Jan. 5																	
12																	
19																	
26																	
Feb. 2																	
9																	
16																	
23																	
Mar. 2																	
9																	
16																	
23																	
Apr. 6																	
13																	
20																	
27																	
May 4																	
11																	
18																	
25																	
June 1																	
8																	
15																	
22																	
29																	
July 6																	
13																	
20																	
27																	
Aug. 3																	
Total	32	141	524	69	31	474	4	141	52	4	93	64	104	28	63	18	111

\*Weekly shipments of less than 1 carload omitted.

TABLE XXXII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA SQUASHES BY COUNTIES,  
SEASON 1928-29—Continued.\*

Weeks Ending	Indian River	Okeechobee	St. Lucie	Collier	Glades	Highlands	Hendry	Hillsborough	Seminole	Sumter	Putnam	Lake	Citrus	DeSoto	Osceola	St. Johns	Total
Sept. 15																	.1
Oct. 6																	.2
13																	.3
20																	.7
27																	.7
Nov. 3																	1.9
10																	3.3
17																	3.7
24																	2.8
Dec. 1																	1.3
8																	3.2
15																	1.8
22	.1																1.7
29	.1	.1	.2														2.8
Jan. 5																	2.3
12			.1														2.4
19																	2.6
26			.1	.3													3.5
Feb. 2	.1		.1	.1	.1												5.5
9			.1	.1	.2												5.5
16	.1		.1	.6	.2	.1											8.9
23	.1		.1	.3	.7												8.8
Mar. 2	.1		.1	.4	.5												9.6
9		.1	.1	.4	.5		.1										8.8
16	.1			.2	.2		.3	.5	.1	.1							9.1
23	.1		.2	.2	.1		.3	1.5	.3	.4	.1						9.5
30	.7		.2	.1	.1		.3	1.6	.5	.5	.1	.1					16.7
Apr. 6	1.4		.1		.1		.2	4.6	1.1	.9	.1	.1					19.7
13	.6				.4		.1	2.7	.3	1.5	.3		.1	.1	.1		17.1
20	.6				.1			1.5	.2	.5							15.8
27	.6	.1						2.4	.1	.2							25.2
May 4	.1	.2						1.3	.3	.1						.1	20.0
11								.3	.4								10.6
18								.1									5.3
25															.2		2.5
June 1																	.2
8								.1									2.3
15																	.2
July 13																	.1
27																	.1
Aug. 3																	.1
Total	5.3	5	1.5	2.8	3.5	.1	1.3	17	3.4	3.7	.6	1.1	1	1	1.1	1	236.5

TABLE XXXIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA SQUASHES BY AREAS, SEASON 1928-29.\*

	Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Other Counties†	Total
Sept.	15.....					.1	.1
Oct.	6.....	.2					.2
	13.....	.3					.3
	20.....	.5				.2	.7
	27.....	.5				.2	.7
Nov.	3.....	.9	.2	.1		.7	1.9
	10.....	1.2	.2	.1		2.3	3.8
	17.....	1.6	.4	.3		1.4	3.7
	24.....	.3	.5	.7	.1	1.2	2.8
Dec.	1.....		.5	.5	.1	.2	1.3
	8.....		1.1	.5	.5	1.1	3.2
	15.....		.7	.3	.4	.4	1.8
	22.....		.8	.2	.4	.3	1.7
	29.....		1.1	.2	.8	.7	2.8
Jan.	5.....		1.5	.2	.4	.2	2.3
	12.....		1.7	.4	.2	.1	2.4
	19.....		1.3	.6	.7		2.6
	26.....		2.1	.5	.3	.6	3.5
Feb.	2.....		4	.3	.7	.5	5.5
	9.....		3.2	.6	.6	1.1	5.5
	16.....		5.6	.4	.8	1.8	8.6
	23.....		4.9	.4	1	1.7	8
Mar.	2.....		7.4	.2	.8	1.4	9.8
	9.....		6.3	.4	.8	1.3	8.8
	16.....		4.5	2.4	.7	1.5	9.1
	23.....	.1	2.3	4.2	.5	2.4	9.5
	30.....	.5	3.2	7	.4	5.6	16.7
Apr.	6.....	1.5	5.9	7.4	.2	4.7	19.7
	13.....	5.1	2.1	4.9		5	17.1
	20.....	7.3	2.3	2.7		3.5	15.8
	27.....	17.1	.5	2.9		4.7	25.2
May	4.....	14.7	.2	1.5		3.6	20
	11.....	7.2	.1	.3		3	10.6
	18.....	2.9	.2	.1		2.1	5.3
	25.....	2.2				.3	2.5
June	1.....	.2					.2
	8.....	2		.1		.2	2.3
	15.....					.2	.2
July	13.....					.1	.1
	27.....	.1					.1
Aug.	3.....	.1					.1
Total .....		66.5	64.8	40.4	10.4	54.4	236.5

\*Weekly shipments of less than 1 carload omitted

## OKRA

The heaviest shipments of okra are made in May, June and July (Table XXXIV), while most other crops are shipped in the fall, winter and early spring. During the season 1928-1929, there were shipments from somewhere in the state every week except for the week ending January 12 (Table LX).

There was direct competition of all the areas with one another (Table XXXV), yet the fall crop for Area 1 (Alachua, Levy and Marion counties) did not encounter serious competition. This was the most important area, shipping approximately 76 percent of the okra from the state for the year. The peak came June 1 with 18.6 carloads and there were 11 weeks of comparatively heavy shipments extending from the middle of May to the middle of July.

Marion was the heaviest shipping county followed by Alachua, Levy and Hillsborough counties, in order. Morriston in Levy County and Plant City in Hillsborough County were the largest shipping points for that year.

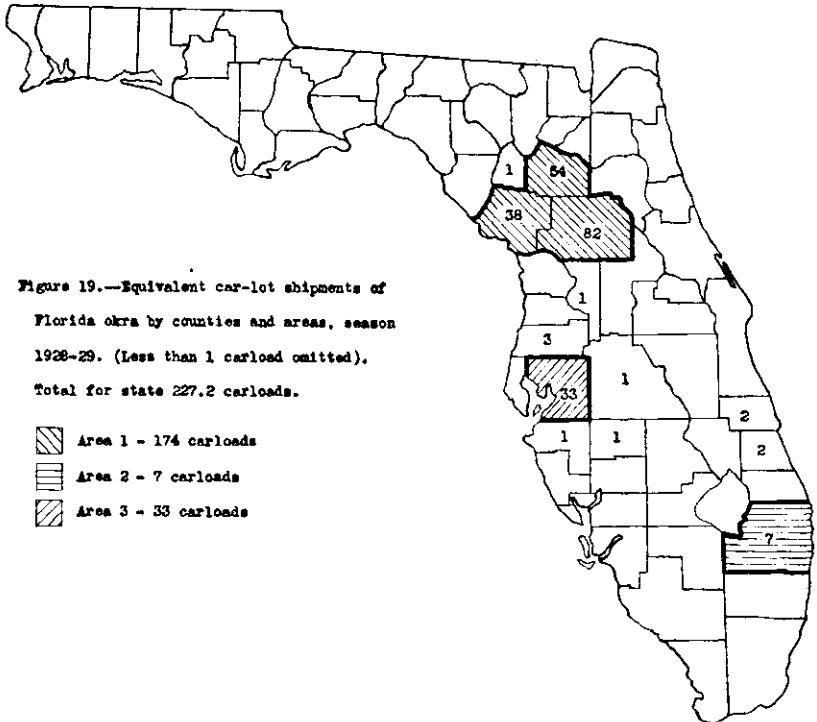


TABLE XXXIV. WEEKLY SHIPMENTS OF PEACHES AND PEACH PRODUCTS BY CITIES  
SEASON 1928-29

Weeks Ending	Alachua	Levy	Marion	Putnam	Gilchrist	Pasco	Sumter	Palm Beach	St. Lucie	Indian River	Hardee	Hillsborough	Hendry	Okeechobee	Glades	Manatee	Polk	Dade	St. Johns	Bradford	Total	
Sept. 8	.9	.2	.3	.1																	1.5	
15	.4	.1	.4																		.9	
22	.4		.3																		.7	
29	.5	.1	.4																		1.0	
Oct. 6	.8	.1	.4																		1.3	
13	.8	.5	.9		.1	.1															2.4	
20	.9	.5	1.4		.2	.3	.1														3.4	
27	.5	.8	.1	.1	.1	.4	.1														3.3	
Nov. 3	.6	.9	1.3		.1	.3	.1														3.2	
10	.3	.7	1.2	.1	.1	.3	.1														2.8	
17	.3	.6	.4		.1	.3	.1														1.8	
24	.2		.3			.1															.8	
Feb. 23								.2													.2	
Mar. 2								.1													.1	
9								.1													.1	
16								.1													.1	
23								.2													.2	
30								.2													.2	
Apr. 6								.3	.1												.4	
13								.3	.2												.5	
20								.4	.1												.6	
27		.2	.1					.9	.2												1.7	
May 4	.4	1	1.6					1	.3	.1	.1										5.8	
11	1.3	1.7	4.1				.1	1.2	.3	.2	.1	.1	.1								11.1	
18	2.8	2.7	5.9			.1	.1	.2	.3	.3	.1	.1	.1								16.6	
25	4.3	3.7	8.2			.1	.1	.3	.3	.2	.1	.1	.1								22.4	
June 1	5.8	4.2	8.6	.1	.1	.1	.1	.5	.1	.1	.1	.1	.1								25.2	
8	4.9	3.3	7.9	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1								20.9	
15	4.6	2.8	7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								19.2	
22	4.5	2.9	7.5			.1	.1	.1	.1	.1	.1	.1	.1							.1	20.6	
29	4.3	2.9	6.1			.2	.2	.1	.1	.1	.1	.1	.1							.1	17.3	
July 6	3.7	2.2	4.6			.2	.2		.1	.1	.1	.1	.1								11.8	
13	3.3	1.6	3.5			.1	.1		.1	.1	.1	.1	.1								9.3	
20	2.1	1.4	2.9			.1	.1		.1	.1	.1	.1	.1								6.8	
27	1.7	.8	2			.1	.1		.1	.1	.1	.1	.1								4.7	
Aug. 3	1.2	.5	1.5																			3.2
10	.7	.4	.7																			1.8
17	.5	.1	.6																			1.2
24	.4	.3	.4																			1.1
31	.4	.4	.5																			1.3
Total	53.5	38	82	.5	.8	8.1	1.4	6.8	2.1	1.6	1.2	32.9	.4	.2	.2	1.1	.6	.5	.1	.2	227.2	

\*Weekly shipments of less than .1 carload omitted.

TABLE XXXV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA OKRA BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Other Counties†	Total
Sept. 8.....	1.4			.1	1.5
15.....	.9				.9
22.....	.7				.7
29.....	1				1
Oct. 6.....	1.3				1.3
13.....	2.2			.2	2.4
20.....	2.8			.6	3.4
27.....	2.3			.7	3
Nov. 3.....	2.8			.4	3.2
10.....	2.2			.6	2.8
17.....	1.3			.5	1.8
24.....	.7			.1	.8
Feb. 23.....		.2			.2
Mar. 2.....		.1			.1
9.....		.1			.1
16.....		.1			.1
23.....		.2			.2
30.....		.2			.2
Apr. 6.....		.3		.1	.4
13.....		.3		.2	.5
20.....		.4		.2	.6
27.....	.3	.6	.4	.4	1.7
May 4.....	3	1	1.1	.7	5.8
11.....	7.1	1.2	2	.8	11.1
18.....	11.4	.8	3.2	1.2	16.6
25.....	16.2	.5	4.7	1	22.4
June 1.....	18.6	.5	5	1.1	25.2
8.....	16.1	.2	3.8	.8	20.9
15.....	14.4	.1	4.2	.5	19.2
22.....	14.9		4.7	1	20.6
29.....	13.3		3	1	17.3
July 6.....	10.5		.5	.8	11.8
13.....	8.6		.2	.5	9.3
20.....	6.4		.1	.3	6.8
27.....	4.5			.2	4.7
Aug. 3.....	3.2				3.2
10.....	1.8				1.8
17.....	1.2				1.2
24.....	1.1				1.1
31.....	1.3				1.3
Total .....	173.5	6.8	32.9	14	227.2

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 19 for counties included.

GREEN PEAS

There were 30 counties shipping .1 carload or more of green peas to the northern markets during the year under study (Table XXXVI). Not any of these counties shipped large amounts. The most shipped by individual counties was 28.2 equivalent carloads from Palm Beach, 16.9 from Hardee, and 10.7 from Indian River.

For this commodity the state has been divided into five areas (Table XXXVII). A study of Table XXXVII and Fig. 20 reveals that so far as areas shipping at the same time are concerned there is direct competition among them all. The late spring crop for Area 2 (Hardee, Hillsborough, Polk and Manatee counties) did not appear to have serious competition. Area 1 (Alachua-Marion) experienced three minor peaks during its season.

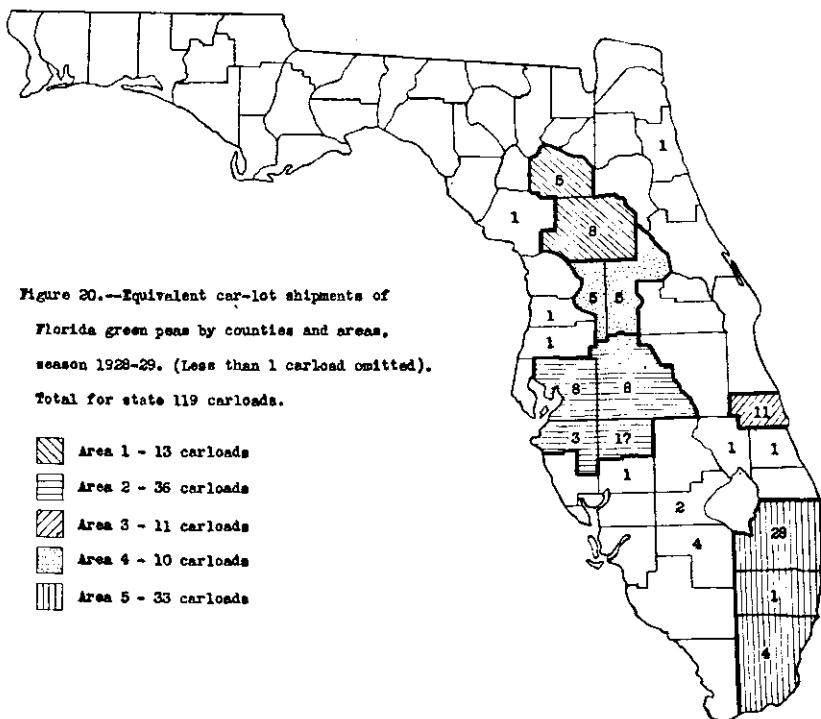




TABLE XXXVI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GREEN PEAS BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Marion	Alachua	Hardee	Hillsborough	Manatee	Osceola	St Johns	Sarasota	Indian River	Lake	Polk	Sumter	Broward	DeSoto	Palm Beach	Dade	Hendry	St. Lucie	Orange	Glades	Collier	Okeechobee	Pasco	Highlands	Hernando	Martin	Union	Bradford	Levy	Charlotte	Total
Oct. 13	2	1	1	1	1	1	1	1	2	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
Oct. 27	2	1	1	1	1	1	1	1	2	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
Nov. 3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
Nov. 10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
Nov. 17	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
Nov. 24	5	6	1	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Dec. 1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Dec. 8	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Dec. 15	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Dec. 22	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Dec. 29	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	57
Jan. 5	1	1	4	1	1	1	1	1	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	57
Jan. 12	1	1	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	78
Jan. 19	1	1	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	78
Jan. 26	2	1	12	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	127
Feb. 2	1	1	16	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	127
Feb. 9	1	1	18	1	1	1	1	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	166
Feb. 16	2	2	16	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183
Feb. 23	3	3	16	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183
Mar. 2	2	2	16	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183
Mar. 9	4	4	2	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Mar. 16	4	4	2	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Mar. 23	2	2	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Apr. 6	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Apr. 13	1	1	2	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Apr. 20	2	2	6	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	217
Apr. 27	1	1	24	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
May 4	1	1	23	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
May 11	3	3	17	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
May 18	1	1	7	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
May 25	7	7	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
June 1	1	1	6	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
June 8	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
June 15	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
June 22	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
July 13	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
July 20	1	1	1	1	1	1	1	1	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	438
Total	79	52	169	78	3	1	1	1	210	7	61	84	48	12	82	44	43	13	3	24	1	12	8	1	8	1	2	5	4	7	1119

\*Weekly shipments of less than 1 carload omitted.

TABLE XXXVII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GREEN PEAS BY AREAS, SEASON 1928-29.\*

Weeks Ending	Area 1†	Area 2†	Area 3†	Area 4†	Area 5†	Other Counties†	Total
Oct. 13	.2						.2
27	.2						.2
Nov. 3	.2						.2
10	.2						.2
17	.3						.3
24	1.1	.1					1.2
Dec. 1	.6						.6
8	.1	.6				.3	1
15		.2	.2			.1	.5
22	.2	.4		.1			.7
29	.1	1		.2			1.3
Jan. 5	.1	.5	.2	.1	.5	.1	1.5
12		.7	.2	.1	.3	.7	2
19		.6	.2	.2	.5	1	2.5
26		1.4	1.2	.5	3.8	.9	7.8
Feb. 2	.3	3.4	1.8	1.8	8.1	1.2	16.6
9	.1	4	5	2.1	5.5	1.6	18.3
16	.2	2.4	.3	1.4	6.5	1.9	12.7
23	.3	2.4	.4	1.1	3.5	.4	8.1
Mar. 2	.2	.3	.6	.7	1.3	.9	4
9	.6	.2	.3	.2	1.3	.1	2.7
16	.7	.2	.1		.7	.2	1.9
23	1.5		.1	.2	.2	2.4	4.4
30	1		.1	.1		.1	1.3
Apr. 6	.2				.2	.5	.9
13		.8			.1	.1	1
20		1.4			.1	.2	1.7
27	.1	4.4		.1	.1	.2	4.9
May 4	.1	4.6		.1	.6	.4	5.8
11	.3	3.3		.6	.2	.5	4.9
18	1.9	3		.3	.1	.4	5.7
25	1.3	.2				.6	2.1
June 1	.6				.1	.3	1
8	.2				.1	.1	.4
22	.1						.1
July 13						.2	.2
20	.1						.1
Total	13.1	36.1	10.7	9.9	33.8	15.4	119

\*Weekly shipments of less than .1 carload omitted.

†See Fig. 20 for counties included.

## MINOR CROPS

TABLE XXXVIII.—TOTAL EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA MINOR TRUCK CROPS, SEASON 1928-29

Crop	Equivalent Carloads	Crop	Equivalent Carloads
Cauliflower .....	30	Grapes .....	17.3
Avocados .....	22.6	Pineapples .....	11.4
Cantaloupes .....	17.8	Blueberries .....	11

## CAULIFLOWER

There were three rather definite sections in the production of cauliflower (Table XXXIX). The northern section, consisting of Putnam and St. Johns counties, was the leading area with a total of 22.6 equivalent carloads for the year.

TABLE XXXIX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CAULIFLOWER BY COUNTIES, 1929.\*

Weeks Ending	Seminole	Manatee	Volusia	Dade	Orange	Putnam	St. Johns	Hernando	Total
Jan. 5.....	.1								.1
12.....	.5	1.4	.1						2
19.....	.8	2.1	.1	.3	1.1	1.1	3		8.5
26.....	.2	.4	.1		.1	5	10		15.8
Feb. 2.....						1.2	2		3.2
9.....						.1			.1
16.....						.1			.1
23.....							.1		.1
Mar. 2.....								.1	.1
Total .....	1.6	3.9	.3	.3	1.2	7.5	15.1	.1	30

\*Weekly shipments of less than .1 carload omitted.

AVOCADOS

Avocados were confined almost entirely to Dade County (Table XL), although the west coast had shipments of less than .1 carload per week. Dade County alone shipped 22.5 equivalent carloads that season.

TABLE XL.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA AVOCADOS BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Dade	Palm Beach	Total
Sept. 8.....	1.1		1.1
15.....	1.2		1.2
22.....	1.8	.1	1.9
29.....	1.2		1.2
Oct. 6.....	1.4		1.4
13.....	1.1		1.1
20.....	1.1		1.1
27.....	.8		.8
Nov. 3.....	1		1
10.....	.8		.8
17.....	.6		.6
24.....	.7		.7
Dec. 1.....	.3		.3
8.....	.6		.6
15.....	.6		.6
22.....	.2		.2
June 22.....	.1		.1
29.....	.3		.3
July 6.....	.5		.5
13.....	.6		.6
20.....	.7		.7
27.....	.8		.8
Aug. 3.....	.7		.7
10.....	1		1
17.....	.8		.8
24.....	1.1		1.1
31.....	1.4		1.4
Total .....	22.5	.1	22.6

\*Weekly shipments of less than .1 carload omitted.

## CANTALOUPE

Marion was the only county shipping cantaloupes to any appreciable amount (Table XLI). Sectional competition in Florida was of minor importance with this crop.

TABLE XLI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CANTALOUPE BY COUNTIES, 1929.\*

Weeks Ending	Marion	Sumter	Hillsborough	Alachua	Bradford	Total
May 11.....	2.3	.4				2.7
18.....	4.3		.1			4.4
25.....	3.8	.2				4
June 1.....	2.5	.1		.1	.1	2.8
8.....	2.8			.2	.1	3.1
15.....	.2					.2
22.....	.5					.5
29.....	.1					.1
Total.....	16.5	.7	.1	.3	.2	17.8

\*Weekly shipments of less than .1 carload omitted.

## GRAPES

Grapes were shipped from Central and West Florida in small amounts. Lake County shipped 11.7 equivalent carloads and Washington County shipped four carloads. Marketing seasons of these counties did not overlap (Table XLII).

TABLE XLII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA GRAPES BY COUNTIES, 1929.\*

Weeks Ending	Pasco	Lake	Marion	Citrus	Washington	Total
June 8.....	.1	.4				.5
15.....	.1	2.2				2.3
22.....	.2	4	.4			4.6
29.....	.1	5.1	.4			5.6
July 6.....			.2	.1		.3
13.....					.2	.2
20.....					.1	.1
27.....					.1	.1
Total.....	.5	11.7	1	.1	4	17.3

\*Weekly shipments of less than .1 carload omitted.

PINEAPPLES

Pineapples were produced formerly in much larger quantities in Florida than at present. Foreign competition and plant diseases were the principal causes for the decline of this industry. Only 11.4 equivalent carloads were shipped in 1928-29 from the state (Table XLIII).

TABLE XLIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA PINEAPPLES BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Charlotte	Palm Beach	St. Lucie	Martin	Dade	Total
Dec. 8.....	.1					.1
15.....		.1				.1
May 25.....		2				2
June 1.....		2	1			3
15.....		1	1	.1	1	3.1
22.....			1	.1		1.1
29.....	.1		1.1	.2		1.4
July 6.....	.1					.1
13.....	.1					.1
20.....	.1					.1
27.....	.1					.1
Aug. 17.....				.1		.1
31.....				.1		.1
Total .....	.6	5.1	4.1	.6	1	11.4

\*Weekly shipments of less than .1 carload omitted.

BLUEBERRIES

Only West Florida shipped blueberries during the year under study. Okaloosa was the only county shipping in car lots (Table XLIV). Express movement was not obtained.

TABLE XLIV.—WEEKLY SUMMARY OF CAR-LOT SHIPMENTS OF FLORIDA BLUEBERRIES BY COUNTIES, 1929.\*

Weeks Ending	Okaloosa
June 22.....	2
29.....	1
July 6.....	4
13.....	2
20.....	1
Aug. 3.....	1
Total .....	11

\*Weekly shipments of less than .1 carload omitted.

## MISCELLANEOUS CROPS

TABLE XLV.—TOTAL EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA MISCELLANEOUS TRUCK CROPS, SEASON 1928-29.

Crop	Equivalent Carloads	Crop	Equivalent Carloads
Carrots .....	8.8	Dasheens .....	.2
Chicory .....	7	Endive .....	.1
Onions .....	5.3	Boctoy .....	.1
Parsley .....	5.2	Kale .....	.1
Beets .....	4.4	Mangoes .....	x
Turnips .....	2.4	Pumpkins .....	x
Broccoli .....	2.3	Mustard .....	x
Mixed greens .....	2	Swiss chard .....	x
Chinese cabbage .....	1.9	Kohlrabi .....	x
Collards .....	1	Artichokes .....	x
Sorrel .....	1	Blackberries .....	x
Spinach .....	.4	Chayotes .....	x
Papayas .....	.3	Parsnips .....	x
Radishes .....	.2	Brussels sprouts .....	x

In Table XLV is listed the group of miscellaneous crops shipped from the state, shipments of no one of which equaled 10 carloads during the year. The shipments of each miscellaneous crop from each county by the week for the season 1928-29, are shown in Tables XLVI to LVI, inclusive.

TABLE XLVI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CARROTS BY COUNTIES, 1929.\*

Weeks Ending	Dade	Manatee	Seminole	St. Johns	Alachua	Palm Beach	Total
Jan. 19.....	.2	.1					.3
Feb. 2.....	.3		.1				.4
9.....	.1						.1
16.....		.1					.1
Mar. 9.....				.1			.1
16.....	.1				.1		.2
23.....						1	1
30.....					1	1	2
Apr. 6.....				1			1
13.....				1			1
20.....	.4						.4
27.....				2	.1		2.1
June 15.....	.1						.1
Total .....	1.2	.2	.1	4.1	1.2	2	8.8

\*Weekly shipments of less than .1 carload omitted.

TABLE XLVII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CHICORY BY COUNTIES, 1929.\*

Weeks Ending	Orange	Seminole	Total
Jan. 19.....	3		3
26.....	3		3
Mar. 30.....		1	1
Total .....	6	1	7

\*Weekly shipments of less than .1 carload omitted.

TABLE XLVIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA ONIONS BY COUNTIES, 1929.\*

Weeks Ending	St. Johns	Glades	Dade	Marion	Okeechobee	Palm Beach	Putnam	Manatee	Lee	Total
Mar. 2.....	.1									.1
Apr. 20.....		1								1
27.....			.2	.1						.3
May 4.....				.1						.1
11.....					.1	1.2				1.3
18.....				.1		.1	.1			.3
25.....							.1			.1
June 1.....				.1						.1
15.....								1		1
22.....									1	1
Total .....	.1	1	.2	.4	.1	1.3	.2	1	1	5.3

\*Weekly shipments of less than .1 carload omitted.



TABLE XLIX.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA PARSLEY BY COUNTIES, SEASON 1928-29.\*

Weeks Ending		Seminole	Lake	Total
Dec.	22.....	.1		.1
	29.....	.1		.1
Jan.	5.....	.1		.1
	12.....	.3		.3
	19.....	.2	.1	.3
Feb.	26.....	.4	.1	.5
	2.....	.3		.3
	9.....	.2	.1	.3
	16.....	.4	.1	.5
Mar.	23.....	.4	.1	.5
	2.....	.3		.3
	9.....	.2		.2
	16.....	.4		.4
	23.....	.3		.3
Apr.	30.....	.2		.2
	6.....	.3		.3
	13.....	.2		.2
	20.....	.2		.2
	27.....	.1		.1
Total .....		4.7	.5	5.2

\*Weekly shipments of less than .1 carload omitted.

TABLE L.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA BEETS BY COUNTIES, 1929.\*

Weeks Ending		Dade	Glades	Seminole	Manatee	Total
Jan.	12.....	.2	.1	.1		.4
	19.....	.2		.1		.3
Feb.	26.....	.1		.1	.1	.2
	2.....			.2	.1	.3
	9.....			.1	.1	.2
	16.....			.1	.1	.2
Mar.	23.....			.1		.1
	2.....			.1	.3	.4
	9.....			.1	1.1	1.2
	16.....	.5		.1		.6
	23.....			.1		.1
Apr.	30.....	.1		.1		.2
	27.....	.1				.1
May	4.....	.1				.1
Total .....		1.2	.1	1.3	1.8	4.4

\*Weekly shipments of less than .1 carload omitted.

TABLE LI.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA TURNIPS BY COUNTIES, 1929.\*

Weeks Ending	Hardee	Bradford	Levy	Osceola	Total
Feb. 9.....	1				1
23.....	.1				1
Mar. 2.....		.1			.1
9.....			.1		.1
May 18.....				.1	.1
25.....				.1	.1
Total .....	2	.1	.1	.2	2.4

\*Weekly shipments of less than .1 carload omitted.

TABLE LII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA BROCCOLI BY COUNTIES, 1929.\*

Weeks Ending	Date	Sarasota	Seminole	Sumter	Martin	Total
Jan. 12.....	.2	.2				.4
19.....	.1		.1			.2
26.....		.2	.1			.3
Feb. 2.....		.1				.1
9.....				.1		.1
16.....	.3					.3
Mar. 2.....				.2		.2
9.....				.2		.2
16.....				.2		.2
23.....				.1	.1	.2
30.....					.1	.1
Total .....	.6	.5	.2	.8	.2	2.3

\*Weekly shipments of less than .1 carload omitted.

**MIXED GREENS**

The term "mixed greens" applies to those shipments which went out billed as greens. There were other commodities shipped which are used as greens, such as collards, and most of the turnips, but the ones going out as greens were often mixed and so could not be definitely named otherwise. The leading shipments of this kind were from Polk and Seminole counties (Table LIII).

TABLE LIII.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA MIXED GREENS BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Polk	Seminole	Osecola	Total
Dec. 22.....	.1			.1
29.....	.2			.2
Jan. 5.....	.1			.1
12.....	.1			.1
19.....	.1			.1
26.....	.1			.1
Feb. 9.....	.1			.1
23.....	.1	.2		.3
Mar. 2.....	.1	.5	.1	.7
9.....	.1			.1
16.....	.1			.1
Total .....	1.2	.7	.1	2

\*Weekly shipments of less than .1 carload omitted.

TABLE LIV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA CHINESE CABBAGE BY COUNTIES, SEASON 1928-29.\*

Weeks Ending	Osceola
Nov. 3.....	.1
Dec. 1.....	.1
8.....	.1
15.....	.1
22.....	.1
29.....	.1
Jan. 5.....	.1
12.....	.2
19.....	.3
26.....	.1
Feb. 2.....	.1
9.....	.1
16.....	.2
23.....	.1
Mar. 2.....	.1
Total .....	1.9

\*Weekly shipments of less than .1 carload omitted.

**COLLARDS**

Although many home gardens of Florida contain collards the only large shipment discovered was one carload from Palm Beach County (Table LV).

**TABLE LV.—WEEKLY SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF FLORIDA COLLARDS BY COUNTIES, 1929.\***

Weeks Ending	Palm Beach
Feb. 2.....	1
Total .....	1

\*Weekly shipments of less than .1 carload omitted.

**SORREL**

One carload of sorrel for greens was shipped from the state during the year (Table LVI).

In the above named crops falling both in the minor and miscellaneous classes it is unlikely that the intra-state competition is worthy of consideration. Some of them do have more than one definite section in which they are produced as shown by their tables, but their total production is relatively small. With a few of these commodities which are peculiarly adapted to sub-tropical climate there may be possibilities for expansion for a limited number of growers.

**TABLE LVI.—WEEKLY SUMMARY OF CAR-LOT SHIPMENTS OF FLORIDA SORREL BY COUNTIES, 1929.**

Weeks Ending	Orange
March 30.....	1
Total .....	1

**SUMMARY**

A summary of the total shipments of each crop studied from each county for the season 1928-29 is given in Table LVII, and Table LVIII groups the most important of these crops shipped out that year from each county. There were 17 counties which shipped more than 1,000 carloads of the various truck crops

during the year, 21 other counties shipped between 100 and 1,000 carloads, and the remaining counties shipped less than 100 carloads. Seminole County led all others in total shipments, amounting to 7,585.3 equivalent carloads, 85 percent of which were celery. The next four crops in Seminole County, in the order of their importance, were escarole, lettuce, peppers and cabbage.

The five next highest counties were:

Dade, with 4,738.1 total equivalent carloads and with tomatoes amounting to 81 percent of the total from the county. Peppers, cabbage and green beans were the next three leading crops.

Manatee, with a total of 3,537.7 equivalent carloads, with celery and tomatoes of about equal importance and representing two-thirds of the total shipments. Lettuce, cabbage and escarole were also important.

St. Johns, with a total of 3,400.7 equivalent carloads, 91 percent of which were early white potatoes.

Alachua, with a total of 2,965.3 equivalent carloads, of which 49 percent were watermelons, 14 percent were cucumbers, and cabbage, beans, and early white potatoes followed in the order named.

Marion, with a total of 2,704.7 equivalent carloads, where the leading crops were watermelons 31 percent, green beans 20 percent, and tomatoes 18 percent.

It is very likely that some of these counties do not remain in the same order from year to year but that some shifting of position occurs. It is easy to understand how a heavy potato crop could enable St. Johns County to displace Manatee, and Marion may sometimes ship more than Alachua. Probably there is other shifting, but on the whole these two tables give a clear picture of each county and its relative place in the shipments of the truck crops of the state and the names of those crops as well as the relative importance of the crops to each county.

A summary of the total shipments per week of all truck crops from each county is given in Table LIX. There were shipments moving from the state every week in the year, although only one county (Dade) actually made shipments every week as large as .1 equivalent carload. Alachua County missed shipping on the week ending December 15 and Marion County did not ship for a period of five weeks. All other counties had vacant periods longer than five weeks.

TABLE LVII.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK CROPS BY COUNTIES, SEASON 1928-29.

	Alachua	Baker	Bradford	Brevard	Broward	Charlotte	Citrus	Clay	Collier	Columbia	Dade	DeSoto	Dixie	Duval	Escambia	Flagler	Gilchrist	Glades	Hamilton
Watermelons	1,421		164				45	4	9	78	2	10	3				1,236		229
Celery				32				.1											
Tomatoes	18.3		2.4	17.9	540.9	15.7	.1	.1	202.3		3,817.6								4.2
Green beans*	280.9		100.3	12.5	917.6	.1	.3	.7	1.7		178.8					1	3		60.5
Early white potatoes	260.2		9.7	5.7	4.8	6		254			70.3	24		3.6	46	396.4			2.3
Cabbage	290.3		4	3	71		1	9.5	2		205.5	5			5	154			63.1
Cucumbers	400.4		3.2	1.1	11.3	.6	.2		3.3	27	3.5	1.4		.5					.6
Peppers	29		3.5	44	700.7	15.8		16.1	19.1		367.1	.3							.2
Strawberries	.4		399.7					2.3			.7	.1							
Lettuce	49										.2								
Escarole				1							.6								
Eggplants	4.5			1.5	7.5	2.4	1.4		3.2		12.9							1	.3
Romaine	5.1										1.4								
Green corn	181.9	9	81.4				.2	.1				2						12.1	1.6
Squashes	14.1			3.2	6.3	1.8	.1		2.8		47.4	.1						4	3.5
Okra	53.5			.2							5							.8	.2
Green peas	5.2		.4		1.2	.1			.1		4.4	.8							2.4
Cauliflower											.3								
Avocados											22.5								
Cantaloupes	.3		.2																
Grapes						.6	.1				1								
Pineapples																			
Blueberries																			
Carrots	1.2										1.2								
Chicory																			
Onions											.2								1
Parsley																			
Beets											1.2								1
Turnips			1																
Broccoli											.6								
Mixed greens																			
Chinese cabbage																			
Collards																			
Sorrel																			
Spinach																			
Dasheens														.1					
Kale																			
Total	2,965.3	9	772.3	118.7	2,261.3	43.1	48.4	236.9	243.5	105	4,738.1	44.1	3	4.2	51	550.5	1,250.4	140	282

\*Green beans includes lima beans.

TABLE LVII.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK CROPS BY COUNTIES, SEASON 1928-29—Continued.

Watermelons	54	21	4	26	38	170	3	714	39	1,510	43	646	9	26	850	1	738	30	1047	2
Celery	1413	59.6	9	298.1	2	208.1	404.6	5.5	86.3	8	1,138.8	484.3	1	1,138.8	484.3	73.8	80	1047		
Tomatoes	527	112.3	12.6	4	181.8	271.5	271.5	43.6	12.5	36.4	3	36.4	1	57.6	588.3	184.5	1	707		
Early white potatoes	15.6	20	3	6	34.5	48.4	48.4	1.2	30.4	3	16.2	16.1	1	194.2	401.2	16.1	1	11		
Cabbage	14		1	53	1	53	1	162	431	1	194.2	401.2	1	194.2	401.2	1.1	1.1	2		
Cucumbers	425.2	8	3.5	67.3	6	67.3	6	42.6	19.8	431.1	43.2	43.2	1	179.1	8.4	18.9	6.6	6.6		
Peppers	46.8	6.9	.7	253.9	46.7	46.7	1.5	97.2	1.5	97.2	1.5	97.2	1	28.1	225.7	120.9				
Strawberries	280.1		2.2	1,040.6	1.7	1,040.6	1.7	.6	1	93.3	122.3	6	1.9	124.5	26.2	8.3				
Lettuce																				
Escarole																				
Eggplants	21.2	2.1	4.6	11.6	1.8	11.6	1.8													
Romaine																				
Green corn	4.8		1	1.2	1.2	1.2	1.2													
Squashes	14.1	1.3	5.2	.1	17	5.3	5.3	1.1	10.4	6.9	9.3	52.4	5.4	26.2	8.3					
Okra	1.2	.4		32.9	1.6	32.9	1.6													
Green peas	16.9	4.3	.8	7.8	10.7	10.7	10.7	5.1												
Cauliflower			.1																	
Avocados																				
Cantaloupes																				
Grapes																				
Pineapples																				
Blueberries																				
Carrots																				
Chicory																				
Onions																				
Parsley																				
Beets																				
Turnips																				
Broccoli	2																			
Mixed greens																				
Chinese cabbage																				
Collards																				
Sorrel																				
Spinach																				
Dasheens																				
Kale																				
Total	1,089.9	235.9	45.9	41,818.85	170	802.3	714	39	1,789.4	894.9	1,164.5	9	3,537.7	2,704.7	302.7	31	11	199.7		

\*Green beans includes lima beans.

TABLE LVII.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK CROPS BY COUNTIES, SEASON 1928-29—Continued.

	Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	Sarasota	Seminole	St. Johns	St. Lucie	Sumter	Suwannee	Taylor	Union	Volusia	Walton	Washington	Total
Watermelons	396	1			2	328	34	5	2			537	1,086	10	10	45	1	124	9,960.2
Celery	68.3		5			2	50.5	932.8,444	2	28	165	432.7			4.1	11.5			8,749.8
Tomatoes	16.2	4.5	248.7	1.5		10.6	1.2	15.1		1.7	40	387			48.6	7.8			8,255.4
Green beans*	39.9	4.2	1,618.3	21.5		24.3	2.7	63.7		1.7	185	387			38	162.7			5,291.7
Early white potatoes	3	4	37.4	1.6		2.1	575.3	3	1	3,075.7	55.1	238							6,262.5
Cabbage	358.3	4	39			24.1	126.1	7	127.4	238.1	35	238			19.7	8.1			3,173.1
Cucumbers	191.5	4.5	58.9	4.8	.4	3.8	11.4	4	1	236.6	1	44.9			15.3	47.5			2,307.5
Peppers	26.3		128.6	3.2		29.3	.2	2.1	156.6	9.9	4.9	15.6			1.3				2,299.3
Strawberries	63.7			8.5	.7	311.4		5.0	5			12.8			15.3				2,144.8
Lettuce	216						.7	321.3											985.0
Escarole	89						2	365.4				1				45.3			676.4
Eggplants			16.8	1.8		9.9		5.9				1				.4			323.1
Green corn	49.3					28.7		83.7		4.1		1			1.8				292.6
Romaine	5		1			2.8					1.5	1			.4				232.5
Squashes	1.1	1.1	11.1	3.1		5	.5	3.4		1.1	2.1	1.4							236.5
Okra	6.8	3.1	6.8	3.1		6				1.1	1.3	4.8			.5				227.2
Green peas	.3	1	28.2	.8		8.4		2		1.1	1.3								119
Cauliflower	1.2						7.5	1.6	15.1										30
Avocados			1																22.6
Cantaloupes																			17.8
Grapes				5														4	17.3
Pineapples			5.1								4.1								11.4
Blueberries																			11
Carrots																			8.8
Chicory	6		2							1.1	4.1								7
Onions			1.3																5.3
Parsley																			5.2
Beets																			4.4
Turnips																			4.4
Broccoli																			2.3
Mixed greens																			2
Chinese cabbage						1.2		.5											1.9
Collards		1.9																	2
Sorrel			1																1
Spinach	1																		1
Dashens																			.1
Kate																			.1
Total	1,627	25.6	2,143.3	74.4	3.1	1,004.1	809	932.4	7,585.3	3,400.7	309.4	2,062.7	1,086	10	140.3	421.9	1	128	50,705.3

\*Green beans includes lima beans.



TABLE LVIII.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK CROPS BY COUNTIES, SEASON 1928-29.

Name of County	Equivalent Carloads	The Most Important Crops for the Counties
Seminole .....	7,585.3	Celery, 6,440; lettuce, 321.8; cabbage, 127.4; escarole, 365.4; peppers, 155.6.
Dade .....	4,738.1	Tomatoes, 3,817.6; cabbage, 205.5; peppers, 367.1; green beans, 178.8.
Manatee .....	3,537.7	Celery, 1,209.6; lettuce, 225.7; escarole, 172; tomatoes, 1,138.8; cabbage, 194.2.
St Johns .....	3,400.7	Early white potatoes, 3,078.7; cabbage, 238.1.
Alachua .....	2,965.3	Watermelons, 1,421; cabbage, 290.3; cucumbers, 400.4; green beans, 280.9; early white potatoes, 260.2.
Marion .....	2,704.7	Watermelons, 850; tomatoes, 484.3; lettuce, 120.9; green beans, 538.3; cabbage, 401.2.
Broward .....	2,261.3	Green beans, 917.6; tomatoes, 540.9; peppers, 700.7.
Palm Beach .....	2,148.3	Green beans, 1,618.3; peppers, 129.6; tomatoes, 246.7.
Sumter .....	2,062.7	Watermelons, 537; tomatoes, 422.7; cucumbers, 444.9; green beans, 357; cabbage, 258.
Hillsborough .....	1,885.9	Strawberries, 1,010.6; tomatoes, 208.1; peppers, 268.9; green beans, 131.8.
Lake .....	1,789.4	Watermelons, 1,510; green beans, 43.6; cabbage, 162; cucumbers, 42.6.
Orange .....	1,527	Watermelons, 396; lettuce, 216; cabbage, 358.3; cucumbers, 191.5.
Gilchrist .....	1,250.4	Watermelons, 1,236; green corn, 12.1.
Levy .....	1,164.5	Watermelons, 646; okra, 38; cucumbers, 431.1; green beans, 36.4.
Hardee .....	1,089.9	Cucumbers, 425.2; tomatoes, 141.3; strawberries, 280.1; watermelons, 54.
Suwannee .....	1,086	Watermelons, 1,083.
Polk .....	1,004.1	Watermelons, 328; cabbage, 241; strawberries, 311.4; peppers, 29.3.
Sarasota .....	932.4	Celery, 902.3; cabbage, 7.
Putnam .....	809	Early white potatoes, 575.3; celery, 50.5; cabbage, 126.1; watermelons, 34.
Indian River .....	802.3	Tomatoes, 404.6; early white potatoes, 48.4; green beans, 271.5; peppers, 46.7.
Bradford .....	772.3	Strawberries, 399.7; green beans, 100.3; watermelons, 164; green corn, 81.4.
Jackson .....	714	Watermelons, 714.
Flagler .....	550.5	Early white potatoes, 396.4; cabbage, 154.
Volusia .....	421.9	Early white potatoes, 162.7; peppers, 47.5; watermelons, 45; cabbage 98.3; escarole, 45.3.
Lee .....	394.9	Peppers, 97.2; tomatoes, 86.3; watermelons, 43; eggplants, 93.3; early white potatoes, 30.4.
St. Lucie .....	309.4	Tomatoes 165; early white potatoes, 55.1; green beans, 40; cabbage, 35.
Martin .....	302.7	Green beans, 184.5; tomatoes, 73.8; peppers, 18.9.
Clay .....	286.9	Early white potatoes, 254; peppers 16.1; cabbage, 9.5.

TABLE LVIII.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK CROPS BY COUNTIES, SEASON 1928-29—Continued.

Name of County	Equivalent Carloads	The Most Important Crops for the Counties
Collier .....	243.5	Tomatoes, 202.3; watermelons, 9; peppers, 19.1.
Hendry .....	235.9	Green beans, 112.3; tomatoes, 59.6; early white potatoes, 20; watermelons, 21.
Hamilton .....	232	Watermelons, 229; cucumbers, 3.
Okeechobee .....	199.7	Tomatoes, 104.7; early white potatoes, 11; green beans, 70.7; peppers, 6.6.
Holmes .....	170	Watermelons, 170.
Union .....	140.3	Green beans, 48.6; cucumbers, 19.7; early white potatoes, 38; strawberries, 15.9; watermelons, 10.
Glades .....	140	Cabbage, 63.1; green beans, 60.5; tomatoes, 4.2.
Washington .....	128	Watermelons, 124; grapes, 4.
Brevard .....	118.7	Peppers, 44; tomatoes, 17.9; celery, 32.
Columbia .....	105	Watermelons, 78; cucumbers, 27.
Pasco .....	74.4	Watermelons, 25; green beans, 21.
Escambia .....	51	Early white potatoes, 46; cabbage, 5.
Citrus .....	48.4	Watermelons, 45; eggplants, 1.4.
Hernando .....	45.9	Green beans, 12.6; tomatoes, 9.
DeSoto .....	44.1	Early white potatoes, 24; cabbage, 5; watermelons, 10.
Charlotte .....	43.1	Peppers, 15.8; early white potatoes, 6; tomatoes, 15.7.
Highlands .....	41.8	Watermelons, 26; early white potatoes, 6; celery, 8.
Lafayette .....	39	Watermelons, 39.
Monroe .....	31	Tomatoes, 30; green beans, 1.
Osceola .....	25.6	Tomatoes, 4.5; green beans, 4.2; cucumbers, 4.5.
Okaloosa .....	11	Blueberries, 11.
Taylor .....	10	Watermelons, 10.
Baker .....	9	Green corn, 9.
Madison .....	9	Watermelons, 9.
Duval .....	4.2	Early white potatoes, 3.6; cucumbers, .5.
Pinellas .....	3.1	Watermelons, 2.
Dixie .....	3	Watermelons, 3.
Walton .....	1	Watermelons, 1.
Total .....	50,705.3	

In Table LX is given a summary of the shipments of each crop each week and a total in the last column on the right showing the combined shipments per week from the state of all the crops studied.

Florida shipped more than 1,000 carloads of these commodities each week for 22 weeks from January 26 to June 22, inclusive. For 12 weeks the total shipments were between 100 and 1,000 equivalent carloads. Then for 18 weeks very few truck crops were shipped from the state. This slack period included the last half of July, all of August, September and October, and the first half of November.

The heaviest week was May 4, when a total of 3,185.2 equivalent carloads of all these commodities were shipped from the state.

The relative importance of crops as to the total number of cars shipped shows that watermelons ranked first with 9,960.2 equivalent carloads. The fractional car in this case was occasioned by a few going out by boat. Celery came next with 8,749.8 equivalent carloads; tomatoes 8,255.4; green beans 5,291.7; early white potatoes 5,262.5; cabbage 3,173.1; cucumbers 2,307.5; peppers 2,299.3; and strawberries 2,144.8 equivalent carloads. These are designated as the major truck crops of Florida. The other crops follow in order of importance based on amounts shipped and are shown thus in Table LX. Several of these crops shift position slightly from year to year, as the acreage of plantings and the yields per acre of the commodity vary.

Weeks Ending	Alachua	Baker	Dredford	Brevard	Broward	Charlotte	Citrus	Clay	Collier	Columbia	Dade	DeSoto	Polk	Putnam	Sarasota
Sept. 8	.9										1.1				.1
15	.4		1								1.2				
22	.4										1.8				
29	.5										1.2				
Oct. 6	.9										1.4				
13	.9										1.1				
20	1.6										1.1				
27	1.4						.1				.8			.1	
Nov. 3	3.5				1.1		.2		.2		1.5		.1		
10	3.9				1.9		.2		.5		12.7		.1	.1	
17	5.2			.3	22.8		.2		2.1		43.4		.4		
24	4.4			.5	25.8		.2				42.1		.3		.1
Dec. 1	1.3			.2	48.7	.4					61.4				.5
8	.2			1.1	.6	.1			.1		77.2		.4		.1
15				.6	55.3	.1			1.1		124		.4		.3
22	1.3		1	1.1	56.4				3.4		102.3		1.7		.2
29	.1			1.8	34.5	.2			1.1		65.3		3.1		.2
Jan. 5	3.1			.8	33.1	.2			5.3		75.1		7.9		.6
12	1.1			1.2	40.5				2.7		72.2		6.6		3.6
19	8.1			1.3	66.2	1.4			3.6		152.1	.1	20.2	2.1	44.1
26	15		.3	1.7	106.1	1.6		.2	1.6		142.8	.2	48.8	15	20.5
Feb. 2	19.1		1.1	2.6	94.8		1	.2	4.3		224.8	.1	49	12.2	42.7
9	17		.8	2	80.7	1		.1	2.5		232.1	.1	50.8	15.1	46.2
16	32		1.6	4.8	93.2	.6			3		328.5	.1	54.9	17.1	46.3
23	34.4		5	2.7	154.1	.6		.3	4		363.6	.1	71.6	15	41.3
Mar. 2	46.8		28	1.8	149.7	2.6		.5	6.2		375.4	.1	84.3	17.2	47.3
9	49.6		49	2.8	142	3.9		.2	10.1		334.2	.1	59.3	24	16.2
16	40.2		95.4	5.4	166	7.2	1	1.1	16		428.2		53.3	10	8.1
23	46.3		60.2	7.9	145.5	2.5		3.1	25.4		345.2		29.8	55.9	30.3
30	27.6		55.8	6.9	171.3	1.8		3.4	48.2		374.1		16.2	90.8	20.7
Apr. 6	3.6		40.8	3.9	109.9	1.7		7.3	20		247.6		11	50.4	1.6
13	24		25.4	4.3	105.8	2.1	.2	25.1	19		146.1		9.2	111.9	9.3
20	57.6		42.6	3.1	87.9	3	.1	20.1	10		168.8	.1	7.7	108	13.5
27	191.8		28.7	3.2	58.6	4.2	.2	30.3	16.1	1	90.1	.2	8.7	108.5	42.5
May 4	269.8		47.7	12.7	83.3	3.1	.2	113.3	18	4	39.3	.1	19.5	73.2	147.5
11	269.8		28.7	10.3	70.7	1.1	.1	69.4	13	8	16.9		66	28.9	171.5
18	93.8		9.8	10	47.7	1.2	1	1.7	1	12	10.1	.2	94.6	10.2	134.1
25	34.5		4.4	4.1	3.4	2.1		6	.8	1	2		73.3	1.4	20
June 1	391.5		12.8	9.6	.1		19	2.1	2		1.4		70.5	3.3	15.
8	706.7	1	80.9	4			16	4.1	1	7	.3		60.1	23.4	8
15	361.8	2	102.1	5	3.1		2	4.1	1	15	1.6		20.8	10	
22	113.9	3	41	1	1.1		1.1	4.1		50	1.9		2.4	2	
29	35.2	2	9.2			.1		3.1		3	.7		1	3.1	
July 6	11	1	3.3			.1	.2	1.3		3	.9				
13	6.5		.3			.1	.1				1		.5		
20	5.3		.1			.1					.7		.4		
27	1.9		.1			.1	.1				.8		.1		
Aug. 3	1.2						.1				.7				
10	.7										1				
17	.5										.8				
24	.4										1.1				
31	.4										1.4				
Total	2,965.3	9	772.3	118.7	261.7	43.1	48.4	286.9	243.5	105	4,738.1	43.1	1,004.1	80.9	93

\*Weekly shipments of less than .1 carload m.t.d.

TABLE LIX.—SUMMARY OF EQUIVALENT CAR-L

Citrus	Clay	Collier	Columbia	Dade	DeSoto	Dixie	Duval	Escambia	Flagler	G. Ichrist	Glades	Hamilton	Hardee	Henry	Hernando	Highlands	Hillsborough	Holmes
				1.1														
				1.2														
				1.8														
				1.2														
				1.4														
				1.1														
				1.1														
				.8														
				1.5														
				12.7														
				43.4														
				42.1														
				61.4														
				77.2														
		.1		1.1														
		1.1		1.1														
		3.4		102.3														
		1.1		65.8														
		5.3		75.1														
		2.7		72.2														
		3.6		152.1	1													
		1.6		142.8														
	.1	.2		224.8			.1		2									
		.1		232.1					6									
		.3		328.5					6									
		.5		363.6					12									
		.2		375.4	2				8									
		.2		10.1					23									
		1		426.2	2		2		26									
				345.2	4				51									
				374.1	7				94.1									
				247.6	13			1.6	123.7									
				146.1					132.9									
				168.5					24									
				90.1	1				29									
				39.3	6				23.3	1								
				16.9	2				15.9	1								
				10.1	3				1	1								
				19					24	1								
				1.4					21	6								
				.3					1	1								
				1.6					219.1									
				1.9	1				684									
				.7	2				27									
				3					1	2								
				.9														
				1														
				.7														
				.8														
				.7														
				1.1														
				1.4														
48.4	286.9	243.5	105	4,788.1	44	3	4.2	51	550.5	1,250.4	140	232	1,089.9	235.9	45.9	41.8	1,885.9	170





Pasco	Pinebliss	Polk	Putnam	Saravota	Seminole	St. Johns	St. Lucie	Sum'er	Survancee	Taylor	Union	Volusia	Walton	Washington	Total
			1												3.6
															2.2
															2.6
															2.2
															3.4
															4.8
1															7.9
4															14.2
5			1			1					1				30.8
4		1			1.3						2.3				62.6
6		1	1		3.9						1.4				139.5
9		4			15.6	.1					2.5				242.9
8		3			46	.2					4	.1			220.7
					.5	.1					.8	.2			405.4
1		4			144.9	.1						2.1			363.6
3		4			80.6							2			382.6
		1.7			73.6							1			279.1
		3.1			53.5							1			358.6
		7.9			60.8							7.4			417.6
		6.6			55.1							6.1			738.5
4	.1	20.2	2.1	44.1	102.1	3	1.7	6.4				6.1			1,030.9
1	.2	48.3	15	20.5	198.8	14	4.6	12.5				19.1			1,229.6
3		49	12.2	42.7	263.6	24.1	6.8	12.2				8			1,335.5
7	.1	50.3	15.1	46.2	333.9	23	3	16.2				12			1,711.2
8		54.9	17.1	46.3	490.2	21	7	24.6				19			2,076.1
1.5	.1	71.6	15	41.3	633.2	25.1	11.9	26.1			.2	11			2,286.6
1.9	.1	84.3	17.2	47.3	690.9	40.1	12.5	23.9			.8	12.2			2,107.7
1.1		59.3	24	16.2	623.2	37.1	15.2	53.9			1	11			1,740.3
1.8		53.3	10	8.1	31.9	101.7	28.5	62.7			2	21.1			2,647.5
1.6		29.8	55.9	30.3	357.1	171.2	29.1	104.6			2.6	34			2,717.3
2.6		16.2	90.8	20.7	704.6	231.1	12.1	180.2			3.3	48.1			2,096.1
7.7		11	50.4	1.6	505.4	229.2	8.1	143.8				2.1	40.5		2,426.4
8.8		9.2	111.9	9.3	493.5	436.5	13.5	182.4				2.4	18		2,511.5
3.2	.1	7.7	108	13.5	271.2	516.5	34	102.9			11.3	16.3			3,073.8
3.4	.2	8.7	108.5	42.5	194.8	732.9	43.9	103.9			26	12.5			1,651.5
1.9	.1	19.5	73.2	147.3	195.2	623.7	36.5	107.4			33.5	8.1			2,154.4
5.2		66	28.9	171.4	143.8	118.9	25.4	117.3			21.4	4.5			1,651.5
6.3	2	94.6	10.2	134.3	57.9	16.1	8.3	209.8			7.4	9.8			1,580.1
4.5		73.3	1.4	20	151.4	11.3	.3	237.5			2.7	18.4			2,392.9
7		70.5	3.3	15.2	51.1	1.4		181.7			1.4	34.1			2,902.2
4.5		60.1	23.4	8	34.6	1.7	1.1	84.1	2		6.5	21.1	1		1,776.5
8		20.8	10		33	4	1.1	7.2	311	4	3.6	12		12	1,455.9
7		2.4	2		9	3	1.1	2.5	415	6	4	1		74	758
6		1	3.1		10.6	1.2	1.2	3.2	264		2.8	2		29	101.6
2	.5					3	.1	1.1	18		1	1		6	29.4
2	.4					1			1		3			5	17.7
1	.1					4.1								1	9.8
1	.1					2					.1			1	6.6
						1									3
															2.2
															2.2
															2.8
74.4	3.1	1,004.1	80.9	932.4	7,585.3	13,400.7	309.4	2,062.7	1,086	10	140.3	421.9	1	128	50,705.3



Weeks Ending		Watermelons	Celery	Tomatoes	Green Beans†	Early White Potatoes	Cabbage	Cucumbers	Peppers	Strawberries	Lettuce
Sept.	8			*	*	*		*	*		
	15				*	*			*		
	22				*	*			*		
	29				*	*			*		
Oct.	6				*	.1		*	*		
	13				*	.1		.1	*		
	20				.1	*		2.3	*		
	27				1	*		6.3	*		
Nov.	3			.3	7.6			15	.4		
	10			10.8	18.8	*		23	.8		.1
	17			41.2	63.2	*	*	18.4	3.3		
	24			37.6	132.1	*		23.4	7.7		16.3
Dec.	1			63.9	75.5			8.5	4.7	*	51
	8			75	129.9	.1	1.1	9.9	8.9	.9	126.7
	15		*	130.1	95.7	.3	3.1	5.8	12.7	1.4	93.5
	22		*	113.1	101.1	.3	12	2.9	11.8	5.9	65.7
	29		.2	74.4	61.1	1	18.2	.6	13.5	8.3	42.2
Jan.	5		*	92.2	43.1	.1	44.7	.2	16.7	11	58.1
	12		11.1	84.5	46.7	1.2	68.5	.4	11.2	17.9	96.5
	19		133.2	167.4	67.1	.7	137.5	.2	15.6	36.2	70
	26		259	155.8	111.1	2.3	171.9	.5	41.5	127	41
Feb.	2		388.8	214.1	114.3	2.8	231.9	1.4	46.5	123.1	28.5
	9		450.7	240.2	111.3	.3	225.3	1.9	41	145.1	17.8
	16		618.1	305.2	155.1	2.3	310.8	4.3	46.2	156	24.4
	23		708.9	362.4	198.8	19.9	285.3	1.7	89.8	267.2	42.8
Mar.	2		683	338.1	308.7	20.5	316.1	2.5	110.1	375.3	53.3
	9		653	312.4	280.7	44.1	338	1.4	99.3	250.9	46.9
	16		61.3	406	274.8	148.4	364	19	128.3	262.8	33
	23		936.8	374.7	236	330.2	325.2	114.8	118.1	149.5	26.2
	30		757.5	405.4	275.6	493.7	224	298.1	124.4	90.6	1.9
Apr.	6		549.6	262.4	298.7	463.8	56.3	262.2	108.7	46.8	*
	13		626.2	300.6	450.6	630.3	14.3	260.8	88.2	21.3	*
	20		5	383.7	568.9	468.6	719.9	6.4	217.5	93.9	12.6
	27	21	296.1	741.3	463.1	965.3	6.4	387.7	114.9	19	*
May	4	74	430.4	804	366.2	982	5	317	142.2	8.9	*
	11	224.2	369.8	665	213.2	313.7	4	194.4	108	4.7	
	18	555	209.3	449.6	71.1	59.1	2	93	126	2.2	
	25	893	135	214.6	22.1	32.7	1	11.8	194.7	.2	
June	1	1,999	54	135.3	11.2	4.3	*	.3	117.5	*	*
	8	2,608	21.1	76.7	6.2	.1	.1	.2	92.2	*	
	15	1,543	6	22.9	2.3	1	*	*	33.4		
	22	1,301	4	9.5	1.1	4	*	*	35.2		
	29	663	3	.8	.5	6.6	*	*	29.3		
July	6	65	*	*	.9	3	*	*	5.8		
	13	9	*	*	.3	1	*	*	.9		
	20				*	4.1	*	*	1.2		
	27				*	2	*	*	.4		
Aug.	3			*	*	1	*	*	*		
	10			*	*	.1	*	*	*		
	17			*	*	*	*	*	.1		
	24			*	*	*	*	*	*		
	31			*	*	*	*	*	*		
Total		9,960.2	8,749.8	8,255.4	5,291.7	5,262.5	3,173.1	2,307.5	2,229.3	32,144.8	935.9

\*Less than .1 carload per week. Its value is not included in any totals.  
†Green beans includes lima beans.

TABLE LX.—SUMMARY OF EQUIVALENT CAR-LOT SHIPMENTS OF TRUCK C

Escarole	Eggplants	Romaine	Green Corn	Squashes	Okra	Green Peas	Cauliflower	Avocados	Cantaloupes	Grapes	Pineapples	Blueberries	Carrots	Chicory	Onions	Parsley	Peas
			1	*	1.5	*		1.1			*						
				*	.9	*		1.2		*							
				*	.7	*		1.9		*							
	.4			*	.2	*		1.2									
	.6			*	.3	*		1.4									
	.3			*	.7	*		1.1									
	.5		1	*	.3	*		1.1			*				*		
	1.1			*	1.9	*		.8			*						
	1.5			*	3.8	*		1			*						
	2	6		*	3.7	*		.6			*						
	3.3	17		*	2.8	*		.7			*						
	.7	11		*	1.3	*		.3			*						
	.4	4		*	3.2	*		.6			*						
	7	5		*	1.8	*		.6			*						
	45	18.2	*	*	1.7	*		.2			*						
	46.1	8.5	*	*	2.8	*		.2			*						
	67.6	20	*	*	2.3	*		.1			*						
	52	5		*	2.4	*		*			*						
	67	1.3		*	2.6	*		*			*						
	52.1	1.5		*	3.5	*	2	*			*						
	33	1.6		*	5.5	*	2	*			*						
	61.2	9	*	*	5.5	*	2	*			*						
	61	1.9		*	8.6	*		*			*						
	63	3.8		*	8	*		*			*						
	53.2	4.6		*	9.8	*		*			*						
	41	8.2		*	8.8	*		*			*						
	14.2	7.8		*	9.1	*		*			*						
	7	10.3		*	9.5	*		*			*						
	3	14.7		*	16.7	*		*			*						
	24.6	.8		*	19.7	*		*			*						
	13.3	.1		*	17.1	*		*			*						
	12.8			*	15.8	*		*			*						
	13.1			*	25.2	*		*			*						
	17.3			*	6.4	*		*			*						
	19.5			*	10.6	*		*			*						
	39			*	11.1	*		*			*						
	29.3			*	16.6	*		*			*						
	26.3			*	4.9	*		*			*						
	24.4			*	5.7	*		*			*						
	23.2			*	22.4	*		*			*						
	7			*	25.2	*		*			*						
	4			*	1	*		*			*						
	2.1			*	20.9	*		*			*						
	.8			*	19.2	*		*			*						
	.6			*	20.6	*		*			*						
	.7			*	17.3	*		*			*						
	.6			*	11.8	*		*			*						
	.1			*	9.3	*		*			*						
				*	6.8	*		*			*						
				*	4.7	*		*			*						
				*	3.2	*		*			*						
				*	1.8	*		*			*						
				*	1.2	*		*			*						
				*	1.1	*		*			*						
				*	1.3	*		*			*						
676.4	329.1	292.6	292.5	236.5	227.2	119	30	22.6	17.8	17.3	11.4	11	8.	7	5.3	5.2	1





Endive	Mangoes	Mustard	Artichokes	Blackberries	Kohlrabi	Parsnips	Brussels Sprouts	Swiss Chard	Boctoy	Pumpkins	Total
											3.6
											2.2
											2.6
											2.2
											3.4
											4.8
											7.9
											14.2
											30.8
											62.6
											139.5
											242.9
											220.7
											405.4
									*		363.6
									*		382.6
					*				*		279.1
					*				*		358.6
					*				*		417.6
					*				*		738.5
		*			*				*		1,030.9
		*			*	*			*		1,229.6
		*			*	*			*		1,335.5
		*			*	*			*		1,711.2
		*			*	*			*		2,076.1
		*			*	*			*		2,286.6
		*			*	*			*		2,107.7
		*	*		*	*			*		1,740.3
		*	*	*	*	*			*		2,647.5
		*	*	*	*	*	*		*		2,717.3
		*	*	*	*	*	*		*		2,096.1
		*	*	*	*	*	*		*		2,426.4
		*	*	*	*	*	*		*		2,511.5
		*	*	*	*	*	*		*		3,073.8
		*	*	*	*	*	*		*		3,185.2
		*	*	*	*	*	*		*		2,154.4
		*	*	*	*	*	*		*		1,651.5
	*	*	*	*	*	*	*		*		1,580.1
	*	*	*	*	*	*	*		*	*	2,392.9
	*	*	*	*	*	*	*		*	*	2,902.2
	*	*	*	*	*	*	*		*	*	1,776.5
	*	*	*	*	*	*	*		*	*	1,455.9
	*	*	*	*	*	*	*		*	*	758
	*	*	*	*	*	*	*		*	*	101.6
	*	*	*	*	*	*	*		*	*	29.4
	*	*	*	*	*	*	*		*	*	17.7
	*	*	*	*	*	*	*		*	*	9.8
	*	*	*	*	*	*	*		*	*	6.6
	*	*	*	*	*	*	*		*	*	3
	*	*	*	*	*	*	*		*	*	2.2
	*	*	*	*	*	*	*		*	*	2.2
	*	*	*	*	*	*	*		*	*	2.8
	*	*	*	*	*	*	*		*	*	50,705.3

## APPENDIX

The total weekly shipments of each commodity from each freight, express and boat shipping point were tabulated on Form 1. The average car-lot loadings for one of the leading carriers for the season under study are shown in Table I. These were obtained by an actual count of the total packages of each truck crop shipped in 1928-29 by this carrier. In case a commodity was shipped in containers of different sizes it was converted to the most common size. The total number of equivalent packages of each crop was divided by the number of cars of each commodity shipped. Thus a representative average number of crates or hampers or other containers per car for that year was obtained.

**TABLE I.—AVERAGE CAR-LOT LOADINGS FOR ONE OF THE LEADING CARRIERS  
FOR SEASON SEPT. 1, 1928 TO AUG. 31, 1929, INCLUSIVE.**

Commodity	Unit	Total Units	Total Cars	Average Loading Per Car
Beans.....	$\frac{7}{8}$ bu. hamper.....	370,445	775	478
Cabbage.....	$1\frac{1}{2}$ bu. hamper.....	374,718	869	431
Celery.....	2 bu. crate.....	414,191	1,168	355
Corn, green.....	1 bu. hamper.....	43,578	86	507
Cucumbers.....	1 bu. crate.....	454,523	1,035	439
Eggplant.....	$1\frac{3}{5}$ bu. crate.....	55,309	127	436
Escarole.....	$1\frac{1}{2}$ bu. hamper.....	53,687	124	433
Lettuce.....	$1\frac{1}{2}$ bu. hamper.....	110,043	261	422
Peppers.....	$1\frac{3}{5}$ bu. crate.....	221,028	507	436
Potatoes.....	{Bbls., $2\frac{3}{4}$ bu.....	25,865	142	182
	{Hampers.....	61,322	110	557
Romaine.....	1 bu. hamper.....	49,480	118	419
Strawberries.....	32 qt. crate.....	147,851	821	180
Tomatoes.....	40 lb. crate.....	908,537	2,051	443

Form 1

**FLORIDA AGRICULTURAL EXPERIMENT STATION**  
 Department of Agricultural Economics

Shipping Point..... Commodity.....

Carlot Shipments by Weeks, September, 1928, to August, 1929

		September							October							November									
		15	22	29	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	4	11	18	25
1	8																								
		December							January							February									
		15	22	29	5	12	19	26	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22
2	9																								
		March							April							May									
		16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	4	11	18	25
1	8																								
		June							July							August									
		15	22	29	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	4	11	18	25
1	8																								
1	8																								