



**INSTITUTE OF FOOD AND
AGRICULTURAL SCIENCES
UNIVERSITY OF FLORIDA**

**FLORIDA
COOPERATIVE
EXTENSION SERVICE**

VEGETARIAN

A Vegetable Crops Extension Publication

Horticultural Sciences Department • P.O. 110690 • Gainesville, FL 32611 • Telephone 392-2134

Vegetarian 93-7

July 15, 1993

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I. NOTES OF INTEREST

A. Vegetable Crops Calendar.

July 27-28, 1993. 4H Horticulture Workshop, State 4H Congress, U.F. (Contact Jim Stephens).

July 29, 1993. State 4H Horticulture ID Contest and Plant Science Demonstrations. (Contact Jim Stephens).

August 12-13, 1993. National Childrens' Gardening Symposium. Sponsored by American Horticultural Society. 4-H Center, Chevy Chase, Md. (Contact Jim Stephens).

August 24-25, 1993. Florida Strawberry Jam 11 - Agritech Session. Arthur Boring Building, Florida Strawberry Festival Fairgrounds Plant City, FL. (Contact Tim Crocker).

September 8, 1993. 1993 Tomato Institute, Ritz Carlton, Naples. (Contact C. Vavrina).

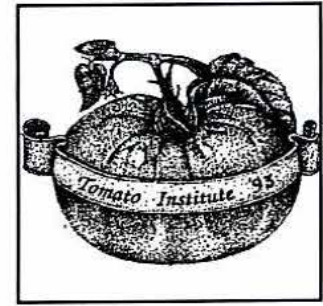
II. COMMERCIAL VEGETABLES

A. Florida Drip Irrigation Survey - Vegetables.

With the help of the vegetable agents, I have completed a survey of drip irrigation use by vegetable growers in Florida for the production year (spring and fall). Ninety-one percent of the counties returned surveys with all major drip using counties participating in the survey. I will try to summarize the results of the survey as I have time to analyze the results. We have almost 42,000 acres of drip irrigated vegetables in Florida. About 86% (35,400 acres) of the acreage is accounted for in 5 counties: Hillsborough (12,000 acres), Dade (9440 acres), Collier (5360 acres), Gadsden (5000 acres), and Manatee (3600 acres). Other counties with at least 500 acres are Hardee (700), Hendry (1000), Hamilton (660), Jackson (585), and Osceola (580). Other counties with significant acreage are Bay (100), Alachua (285), Holmes (100), Levy (120), Madison (150), Marion (150), Orange (425), eastern Palm Beach (156), Pasco (200), Sarasota (250), Sumter (285), Suwannee (115), and Walton (320).

(Hochmuth, Vegetarian 93-07)

1993 TOMATO INSTITUTE
September 8, 1993
Ritz Carlton, Naples



Morning Session, Moderator- Stewart Swanson, Collier County Extension.

- 9:00 a.m. **Opening Remarks**, Will Waters, Gulf Coast Research and Education Center, Bradenton, FL.
- 9:15 a.m. **Water Use Restrictions and Acreage Reductions**, D. Manson, Carey, O'Malley, Whitaker & Lins, P.A., Tampa, FL.
- 9:45 a.m. **Water Quality Issues Facing the Florida Tomato Industry**, C.D. Stanley and G.A. Clark, Gulf Coast Research and Education Center, Bradenton, FL.
- 10:05 p.m. **Water Quantity Issues Facing the Florida Tomato Industry**, G.A. Clark and C.D. Stanley, Gulf Coast Research and Education Center, Bradenton, FL.
- 10:25 a.m. **Possible Use Rate Reduction and Alternative to Methyl Bromide For Soil Pest Control**, J. Noling, Citrus Research and Education Center, Lake Alfred, FL.
- 10:45 a.m. **Section 18 Experiences with Cobra in Tomato & Green Pepper Row Middles**, M. Riffle, Valent USA.
- 11:05 a.m. **1993 - The Year of the Snake (The Snake Bites Back)**, J.P. Gilreath and W.M. Stall, Gulf Coast Research and Education Center, Bradenton, FL.

Afternoon Session, Moderator- Ken Shuler, Palm Beach County Extension.

- 1:30 p.m. **Release Possibilities From The IFAS Tomato Breeding Program**, J. Scott, Gulf Coast Research and Education Center, Bradenton, FL.
- 1:50 a.m. **Control of Tomato Fruit Ripening Using Gene Technology**, D.J. Huber, Dept. of Horticultural Sciences, Univ. of FL, Gainesville, FL.
- 2:10 p.m. **New Developments In The Management of Fusarium Crown and Root Rot of Tomato**, R.J. McGovern, L.E. Datnoff, I. Secker, C.S. Vavrina and J.C. Capece, Univ. of FL, Gainesville, FL.
- 2:30 p.m. **Reflections on The 1993 Late Blight Epidemic Relative to Future Disease Management Practices**, P.A. Weingarten, Agricultural Research and Education Center, Hastings, FL.
- 2:50 p.m. **Advances in The Management of Tomato Mottle Geminivirus**, J. E. Polston, Gulf Coast Research and Education Center, Bradenton, FL.
- 3:10 p.m. **Progress Toward a More Sustainable Pest Management Program for Tomato**, D.J. Schuster and P.A. Stansly, Gulf Coast Research and Education Center, Bradenton, FL and Southwest Florida Research and Education Center, Immokalee, FL.
- 3:30 p.m. **Industry Update-** 5 minute presentations of new registrations, Section 18's, cancellations, etc.

University of Florida, Institute of Food and Agricultural Sciences
Tomato Institute, September 8, 1993

Don't wait in line, preregister NOW!

Name _____

Address _____

Affiliation _____ Phone # _____

Make check payable in the amount of \$5 to:

SW FL Vegetable Committee
Mail c/o C. Vavrina, PO Drawer 5127
Immokalee, FL 33934

III. VEGETABLE GARDENING

A. Florida Record Vegetables July 15, 1993 Update.

If you are new to Extension (agent or Master Gardener) you may not be aware that I try to keep tabs on giant size vegetables grown in Florida and who grows them. County Extension agents must verify sizes and weights and submit the official entry form to me for filing. I acknowledge the entry if it breaks the current record, and send the agent a certificate for the grower.

Since last July (1992) there have been 17 new records set. Record-size veggies are grown everywhere, as indicated by 43 records in 21 counties. Table 1 shows the number of records held by county, while Table 2 lists the current records (as of the date of this newsletter). Thanks to you agents for your help in this endeavor which the press and readers seem to enjoy.

Table 1. Number of records held by each county, July 15, 1993.

Suwannee (8)	Highlands (1)
Palm Beach (6)	Hillsborough (1)
Alachua (4)	Lake (1)
St. Johns (3)	Leon (1)
Seminole (3)	Manatee (1)
Levy (2)	Marion (1)
Duval (2)	Orange (1)
Columbia (1)	Pinellas (1)
Dixie (1)	Putnam (1)
Escambia (1)	Santa Rosa (1)
Gilchrist (1)	Union (1)

Table 2. Current record for Florida's largest vegetables, July 15, 1993.

<u>Vegetable</u>	<u>Size</u>	<u>County</u>	<u>Grower</u>	<u>Date Set</u>
Beet	5 lb. 0 oz.	Duval	Brinson	06/06/92
Boniata	12 lb. 10 oz.	Seminole	Phillips	03/05/91
Broccoli	5 lbs. 4 oz.	Suwannee	Graham	06/01/93
Cabbage	19 lb. 7 oz.	Suwannee	Graham	06/29/92
Calabaza	36 lb. 8 oz.	Seminole	Chitty	08/16/91
Cantaloupe	29 lb. 8 oz.	Levy	Bumgardner	07/09/91
Carrot	3 lb. 1 oz.	Pinellas	Nehls	04/16/93
Cassava	8 lb. 14 oz.	Highlands	Albonetti	04/03/92
Cauliflower	15 lb. 6 oz.	Alachua	Severino	02/19/92
Chicory	1 lb. 3 oz.	Alachua	Lazin	02/13/86
Collard	11 ft. 2 in.	Leon	Henry	12/02/92
Corn, sweet	1 lb. 12 oz.	Suwannee	Graham	06/30/93
Cucumber (wt)	4 lb. 7 oz.	Suwannee	Graham	06/29/92
Cucumber (length)	27 in.	Suwannee	Graham	06/29/92
Eggplant	4 lb. 8 oz.	Palm Beach	LaIuppa	01/17/92
Garlic	1 lb. 8 oz.	St. Johns	Hester	05/30/93
Honeydew	5 lb. 2 oz.	Escambia	Harrison	08/04/92
Jicama	21 lb. 8 oz.	Palm Beach	Oppe	01/26/93
Kohlrabi	19 lb. 8 oz.	Duval	Faustini	06/05/93
Okra-Stalk	18 ft. 1 in.	Dixie	Osteen	04/08/93
Okra-Pod	22 1/4"	Suwannee	Graham	06/30/93
Onion	3 lb. 11 oz.	Manatee	Geraldson	08/07/90
Mustard	7 lbs. 5 oz.	Suwannee	Graham	04/16/93
Pepper	1 lb. 1 oz.	Palm Beach	Amestoy	02/02/90
Potato, irish	2 lb. 13 oz.	St. Johns	Kight	05/23/89
Potato, sweet	30.2 lb.	Seminole	White	01/25/93
Pumpkin	242 lb.	Suwannee	Graham	07/03/90
Radish, S.	3 lb. 12 oz.	Palm Beach	Vanderlaan	01/31/90
Radish, W.	25 lb.	Hillsborough	Breslow	1977
Radish, Daikon	23 lb. 5 oz.	Alachua	Neilson	03/28/92
Rutabaga	19 3/4 lbs.	Orange	Purifoy	04/20/93
Squash, hub.	88 lb. 12 oz.	Columbia	Byers	07/26/90
Squash, banana	39 lb.	Lake	Blehar	09/26/91
Squash, butternut	23 lb. 12 oz.	Santa Rosa	Bynum	09/26/92
Squash, scal.	2 lb. 1 oz.	Alachua	Heidman	05/20/90
Squash, spaghetti	25 lb. 14 oz.	St. Johns	Jones	06/19/92
Squash, zucc.	10 lb. 8.16 oz.	Gilchrist	Agee	06/22/92
Squash, S.	2 lb. 5 oz.	Putnam	White	07/08/93
Taro	8 oz.	Palm Beach	Oppe	01/17/92
Tomato	3 lb.	Marion	Spangler	07/11/90
Turnip	18 lb. 4 oz.	Union	Clyatt	01/20/93
Watermelon	205 lb.	Levy	Bumgardner	07/21/92
Winter melon	50 lbs. 0 oz.	Palm Beach	Yee	01/26/93
Yam (True)	12 lb. 15 oz.	Palm Beach	Oppe	01/26/93

Recorder: J. M. Stephens, U.F., Gainesville

(Stephens, Vegetarian 93-07)

Prepared by Extension Vegetable Crops Specialists

Dr. D.J. Cantliffe
Chairman

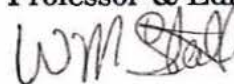
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Assoc. Professor

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Assoc. Professor

Dr. W.M. Stall
Professor & Editor

Handwritten signature of W.M. Stall in black ink, written over the printed name.

Mr. J. M. Stephens
Professor

Dr. C. S. Vavrina
Asst. Professor

Dr. J. M. White
Assoc. Professor