



UNIVERSITY OF  
**FLORIDA**

**Cooperative Extension Service**

Institute of Food and Agricultural Sciences

# VEGETARIAN

## A Vegetable Crops Extension Publication

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### Contents

- I. NOTES OF INTEREST
  - A. Vegetable Crops Calendar.
- II. COMMERCIAL VEGETABLES
  - A. Steve Sargent Returns From Brazil.
- III. PESTICIDE UPDATE
  - A. Special Local Needs Label for Diquat Herbicide on Tomato, Eggplant and Green Pepper.
- IV. VEGETABLE GARDENING
  - A. Horticulture Events During State 4H Congress Results.

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## I. NOTES OF INTEREST

### A. Vegetable Crops Calendar.

September 7, 1994. Tomato Institute, Ritz Carlton Hotel. Contact Charlie Vavrina, SW Fla REC, Immokalee.

September 25-28, 1994. Florida Association of Extension Professionals Meeting. Holiday Inn Tampa International Airport, Tampa, FL. Contact Elva Farrell, Sarasota Co. Agent.

November 1-4, 1994. Cucurbitaceae 94. Radison Resort, South Padre Island, TX. Contact James R. Dunlap, TAES, 2415 East Hwy 83, Weslaco, TX 78596-8399.

## II. COMMERCIAL VEGETABLES

### A. Steve Sargent Returns From Brazil.

I've finished my professional development leave in Brazil and am now back in Gainesville. It's hard to believe that the year has already gone by! I had a productive experience; the majority of my time at the Brazilian research center outside of Rio de Janeiro was dedicated to developing specifications for future research facilities for postharvest studies, writing research projects and conducting research, and providing training for researchers there. With postharvest losses for fresh fruits and vegetables in the range of 30% to 60%, quality maintenance is receiving significant attention from their federal government. I also identified research areas of mutual interest, particularly with tropical fruits such as mango and acerola, and root crops. During the next few years Brazilian scientists will be visiting the Postharvest Physiology Laboratory in Gainesville to work on projects of importance to our industry as part of our collaborative research program.

I sincerely appreciate the help of Drs. Jeff Brecht and Mike Talbot who "stood in the gap" for me throughout this past year by coordinating

on-going research projects and handling extension calls. As we say in Brazil, "Até breve!" (See you soon!)

(Sargent, Vegetarian 94-08)

## III. PESTICIDE UPDATE

### A. Special Local Needs Label for Diquat Herbicide on Tomato, Eggplant and Green Pepper.

Zeneca Ag Products has announced that they have received a special local needs label for the use of Diquat Herbicide for weed control in row middles of tomatoes, eggplant and green peppers.

Diquat herbicide can be applied as a post-directed application to the row middles either prior to transplanting or as a post-directed hooded spray application to the tomato, eggplant and green pepper row middles when the transplants are well established.

For control of nightshade and parthenium spp. apply 1 quart of Diquat Herbicide (0.5 lb ai) in 20 to 50 gallons of water per treated acre when weeds are 2 to 4 inches in height. Do not exceed 25 psi spray pressure. A maximum of two applications can be made during the growing season. Weed control will decrease when treatment is made beyond the 4 inch stage of growth. Always add 2 pints of a nonionic surfactant (at least 75% active) per 100 gallons of spray mix. Do not apply less than 30 days before harvest.

Follow all Restrictions on the Label.

(Stall, Vegetarian 94-08)

#### IV. VEGETABLE GARDENING

##### A. Horticulture Events During State 4H Congress Results.

As in the past, horticulture played a big part of the State 4H Club Congress for 1994, held July 25-29 in Gainesville. The horticulture events were arranged and conducted jointly by the Horticultural Sciences Department (Jim Stephens and Jeff Williamson), and the Environmental Sciences Department (Bob Black), with the involvement of agents and 4H staff.

During the first two days of the Congress, 40 4H youth participated in a horticulture tract of classes where they received "hands-on" instruction in such topics as vegetable propagation, citrus budding, aquatic plants, herb gardening, and epiphytes.

Thursday was competitive events day. Teams and individuals from around the state competed in two horticultural events: plant science demonstrations, and the horticulture identification and judging contest.

The horticulture plant identification and judging contest was conducted in the Environmental Horticulture greenhouse complex located behind Fifield Hall, beginning at 2PM on Thursday, July 28, 1994.

Seven teams (29 individuals) participated. The winning team was from Marion County and was coached by 4H agent Bob Renner. Members were Suzanne Stancie (high individual scorer in contest), Keith Lorick, and Jana Adams. Alternate was Jesse Clements. The team's average score was 80%. Marion County will represent Florida in national competition at the National Junior Horticultural Association (NJHA) convention in Biloxi, MS, October 1994. Expenses are paid by the Florida Fruit and Vegetable Association (FFVA) and other horticultural industry supporters.

The following is a compilation of scores and placings for all contestants.

Table 1. Results - State 4H Horticulture ID and Judging Contest, Gainesville, July 28, 1994.

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##### TEAM RESULTS

<u>Placing</u>	<u>County</u>	<u>Score (%)</u>
1	Marion	80
2	Volusia	67
3	Clay	66
4	Duval	58
5	Columbia	50
6	Sarasota	47
7	Nassau	41

INDIVIDUAL RESULTS

<u>Placing</u>	<u>Name</u>	<u>County</u>	<u>Score</u>
1	Suzanne Stancil	Marion	85
2	Mike Griggs	Clay	83
3	Keith Lorick	Marion	81
4	Jana Adams	Marion	76
5	Beth Bekemeyer	Volusia	72
6	Jesse Clements	Marion	71
7	Dallas Rutland	Volusia	68
8	Ashley Clarke	Duval	66
9	Cheyenne Thomas	Columbia	65
10	Josh Shramo	Clay	63
11	Laura Plog	Volusia	62
12	Elaine Vivoni	Duval	58
13	Ben Pourciau	Clay	53
14	Lisa Russell	(not eligible)	53
15	Stacey Kuehling	Volusia	53
16	Cheryl Anderson	Duval	50
17	Shilo Thomas	Columbia	49
18	Amy Williams	Sarasota	49
19	Chester Spellman	Duval	48
20	Patrick Haley	Sarasota	47
21	Jessica Johnson	Nassau	46
22	Steve Kagy	Sarasota	44
23	Renee Van Tassell	Nassau	40
24	Selah Shramo	Clay	39
25	Mindy Sellers	Sarasota	37
26	Katie Thomas	Columbia	37
27	Kadie Messengale	Nassau	37
28	Robert Burns	Nassau	30
29	Justin Slaymaker	Columbia	28

Some interesting calculations can be made from the above table in determining the degree of difficulty of the various sections. The average scores for all participants, by section were as follows:

Judging (80%); flowers/foilage (62%); fruits (51%); ornamentals (46%); and vegetables (31%).

The results of the "Plant Connections" demonstrations were as follows:

Top team and best demonstration/illustrated talk:

(Hillsborough County) Suzanne Gee and Chris Holcomb - "Cattle Beware".

First place individual demonstration/illustrated talk:

(Citrus County) Matthew Van Ness - Plant Propagation.

Others

Cindy Clark and Sarah Gates (Marion Co) - 2nd Place team.

Todd Wolfe (Hillsborough Co) - 2nd Place - individual.

Jody Paradis (Lake Co) - 3rd Place - individual.

Joshua Richardson (Duval Co) - 4th Place - individual.

The top demonstration team (from Hillsborough County) will join the Marion County hort judging team in national competition at Biloxi, NJHA convention in October, 1994.

(Stephens, Vegetarian 94-08)

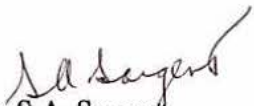
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