

What we do

The weed science program at SWFREC conducts research and extension on the integrated management of weeds with emphasis on crops commonly grown commercially in this region, including citrus, tomatoes, peppers, watermelons, squash, and cucumbers. The program covers many different aspects of weed management, including herbicide efficacy, phytotoxicity diagnosis, and herbicide residue analysis.

The extension program is for disseminating information to the community. It provides statewide leadership, including educational information on weed management, provides field demonstrations, and evaluation of integrated management strategies for dealing with weed problems.

We provide a statewide service for weed identification and diagnosis of herbicide phytotoxicity in conjunction with the SWFREC Plant Disease Diagnostic Clinic.



Contact Weed Science

Dr. Ramdas Kanissery

rkanissery@ufl.edu
(239) 658-3455

Fax: (239) 658-3403
2685 State Road 29 North
Immokalee, Florida 34142

[http://swfrec.ifas.ufl.edu/
programs/weed-science](http://swfrec.ifas.ufl.edu/programs/weed-science)



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Southwest Florida Research & Education Center

Weed Garden **“Know your weeds”**



Educational display
featuring 45 different
species of weeds

SWFREC **Weed Science**

2685 State Road 29 N,
Immokalee, FL 34142

Use this key to find these weeds in our garden

	<u>Common Name, <i>Scientific Name</i></u>
1	Alyce Clover, <i>Alysicarpus vaginalis</i>
2	Asparagus Fern, <i>Asparagus densiflorus</i> 'Sprenger'
40	Assorted Ferns, <i>Athyrium</i> spp.
39	Balsam Apple, <i>Momordica balsamina</i>
19	Billygoat Weed, <i>Ageratum conyzoides</i>
31	Black Nightshade, <i>Solanum nigrum</i>
4	Blackroot, <i>Pterocaulon pycnostachyum</i>
44	Brazilian Pepper, <i>Schinus terebinthifolius</i>
15	Cabbage Palm, <i>Sabal palmetto</i>
45	Cattail, <i>Typha</i> spp.
41	Cesar Weed, <i>Urena lobata</i>
36	Chinese Ground Orchid, <i>Eulophia graminea</i>
33	Crows Foot, <i>Dactyloctenium aegyptium</i>
12	Cupid's Shaving Brush, <i>Emilia sonchifolia</i>
10	Dog Fennel, <i>Eupatorium capillifolium</i>
22	Dollarweed/Pennywort, <i>Hydrocotyle umbellata</i>
9	Florida Snow, <i>Richardia grandiflora</i>
28	Foxtail Grass, <i>Setaria</i> spp.
	Globe Sedge, <i>Cyperus croceus</i> (<i>Cyperus globulosus</i>)
6	Goat Weed, <i>Scoparia dulcis</i>
18	Goat Weed, <i>Scoparia dulcis</i>
17	Goldenrod
13	Greenbriar (Greenbrier), <i>Smilax</i> spp.
42	Guinea Grass, <i>Megathyrsus maximus</i>
38	Indian Hemp, <i>Sida cordifolia</i>
21	Jamaica Swamp Sawgrass, <i>Cladium jamaicense</i>
7	Lamb's Quarters, <i>Chenopodium album</i>
34	Lantana, <i>Lantana camara</i>
3	Morning Glory, <i>Ipomoea</i> spp.
	Old World Diamond Flower, <i>Oldenlandia corymbosa</i>
29	Old World Diamond Flower, <i>Oldenlandia corymbosa</i>
20	Parthenium, <i>Parthenium hysterophorus</i>
43	Possum Grape Vine, <i>Cissus verticillata</i>
25	Prickly Fanpetals, <i>Sida spinosa</i>
30	Purple Nutsedge, <i>Cyperus rotundus</i>
	Ragweed (Annual or Common Ragweed), <i>Ambrosia artemisiifolia</i>
24	Ragweed (Annual or Common Ragweed), <i>Ambrosia artemisiifolia</i>
23	Redroot, <i>Lachnanthes caroliniana</i>
	Shrubby False Buttonweed, <i>Spermacoce verticillata</i>
8	Shrubby False Buttonweed, <i>Spermacoce verticillata</i>
26	Spanish Needle, <i>Bidens alba</i>
32	Spiny Pig Weed, <i>Amaranthus spinosus</i>
37	Three-Flower Beggarweed, <i>Desmodium triflorum</i>
27	Torpedo Grass, <i>Panicum repens</i>
16	Virginia Creeper, <i>Parthenocissus quinquefolia</i>
14	Virginia Pepperweed, <i>Lepidium virginicum</i>
35	Water Primrose, <i>Ludwigia</i> sp.
	Whirling Butterflies/White Gaura, <i>Oenothera lindheimeri</i> (formerly <i>Gaura lindheimeri</i>)
11	Whirling Butterflies/White Gaura, <i>Oenothera lindheimeri</i> (formerly <i>Gaura lindheimeri</i>)
5	Yellow Nutsedge, <i>Cyperus esculentus</i>



The weed garden was established at SWFREC in 2018 as an educational resource for weed identification. It contains a diverse collection of live weed species commonly found in citrus and vegetable production in southwest Florida. Recognizing the correct weed species is a crucial aspect of effective weed management.

Numbers in the key correspond to location of pots in this map.

Weed Garden Sign



	3	5	8	12	17	23	30	38
1	2	4	7	11	16	22	29	37

45						
36	44					
28	35	43				
21	27	34	42			
15	20	26	33	41		
10	14	19	25	32	40	
6	9	13	18	24	31	39