



Sports Field Management  
Thursday August 6, 2015  
Broward County

Brian Piccolo Sports Park and Velodrome  
9501 Sheridan Street, Cooper City, FL 33024

# South Florida STMA - [sfstma.com](http://sfstma.com)

## Sports Field IPM: Maintain healthy weed resistant turf and weed identification<sup>1</sup>

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### Cultural management of weeds

Rationale: to increase turf canopy to shade out weeds and compete for water and nutrients  
Reduce traffic especially in sports turf and be aware of water and soil physical properties  
In many cases there is no one herbicide that will control all weeds, sometimes none will control  
Need to protect well fields, protect the turf, protect wildlife and humans  
Methods: moderate and consistent mowing, watering, and fertilization

### Weed identification

Many methods: keying, sight recognition, technical characteristics, browsing a book or the web  
Know the families and technical characteristics  
Know that weed identification is plant identification  
Use all your senses including sense of smell  
Get a book such as Weeds of Southern Turfgrasses  
Check out a weed in the Atlas of Florida Vascular Plants [www.florida.plantatlas.usf.edu](http://www.florida.plantatlas.usf.edu)  
Observe, observe, observe

### What does weed ID tell us?

Environmental factors that may be awry  
Which, if any, herbicides may control a weed (provided that you follow the label)  
Even if we can't control a weed we can learn from it and explain its significance to others  
Some weeds are beneficial nectar sources for wildlife, are pretty, and support sports play

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<sup>1</sup> FDACS pesticide CEUS approved for Ornamental and Turf Pest Control (2 CEUs) or Private Applicator Ag Pest Control (2 CEUs), Program ID 19893. You must stay until the end of the program to receive your Record of Attendance for pesticide CEUs for license renewal.

## Grass Weeds



**Dactyloctenium  
aegyptium**

**crowfootgrass**



**Digitaria ciliaris**

**southern  
crabgrass**



**Eleusine indica**

**goosegrass**



**Eustachys petraea**

**rock  
fingergrass**






**Paspalum setaceum**

**bull paspalum**

	<b>Setaria parviflora</b>	<b>knotroot foxtail</b>
	<b>Urochloa distachya</b>	<b>tropical signalgrass</b>

## Sedge Weeds

	<b>Cyperus rotundus</b>	<b>purple nutsedge</b>
	<b>Cyperus sp.</b>	<b>bunch sedge</b>
	<b>Kyllinga brevifolia</b>	<b>green kyllinga</b>



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## Other Monocot Weeds

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**Commelina diffusa****common  
dayflower****Murdannia nudiflora****doveweed**




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## Broadleaf Weeds

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**Alternanthera  
flavescens****yellow joyweed****Bidens alba****Spanish  
needles****Emilia sonchifolia****tasselflower**

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	<b>Drymaria cordata</b>	<b>drymary</b>
	<b>Chamaesyce hirta</b>	<b>garden spurge</b>
	<b>Chamaesyce hyssopifolia</b>	<b>hyssop spurge</b>
	<b>Phyllanthus urinaria</b>	<b>chamberbitter</b>
	<b>Desmodium incanum</b>	<b>creeping beggarweed</b>






	<b>Indigofera spicata</b>	<b>creeping indigo</b>
	<b>Stylosanthes hamata</b>	<b>cheeseytoes</b>
	<b>Sida ulmifolia</b>	<b>southern sida</b>
	<b>Boerhavia diffusa</b>	<b>red spiderling</b>
	<b>Oldenlandia corymbosa</b>	<b>Old World diamondflower</b>

	<b>Richardia grandiflora</b>	<b>largeflowered pusley</b>
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	<b>Spermacoce verticillata</b>	<b>false buttonweed</b>
	<b>Phyla nodiflora</b>	<b>matchweed</b>



## **Turfgrasses**

	<b>Cynodon dactylon</b>	<b>common bermudagrass</b>
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	<b>Paspalum notatum</b>	<b>bahiagrass</b>
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	<b>Stenotaphrum secundatum</b>	<b>St. Augustinegrass</b>

## Invasive Woody Plants

	<b>Schinus terebinthifolia</b>	<b>Brazilian pepper</b>
	<b>Cupaniopsis anacardioides</b>	<b>carrotwood</b>