

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

Sports Field IPM: Maintain healthy weed resistant turf and weed identification¹

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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
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

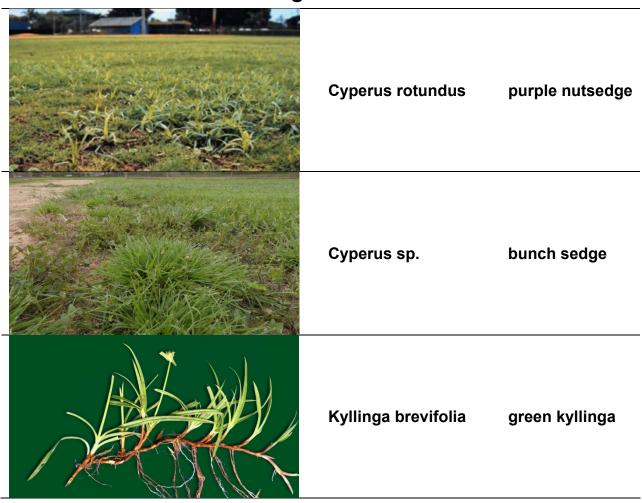
¹ FDACS pesticide CEUS approved for Ornamental and Turf Pest Control (2 CEUs) or Private Applicator Ag Pest Control (2 CEUs), Program ID 19893. You must stay until the end of the program to receive your Record of Attendance for pesticide CEUs for license renewal.

Grass Weeds

Glass Weeus				
	Dactyloctenium aegyptium	crowfootgrass		
	Digitaria ciliaris	southern crabgrass		
	Eleusine indica	goosegrass		
	Eustachys petraea	rock fingergrass		
	Paspalum setaceum	bull paspalum		



Sedge Weeds



Other Monocot Weeds



Commelina diffusa

common dayflower

Murdannia nudiflora

doveweed

Broadleaf Weeds



Alternanthera flavescens

yellow joyweed

Bidens alba

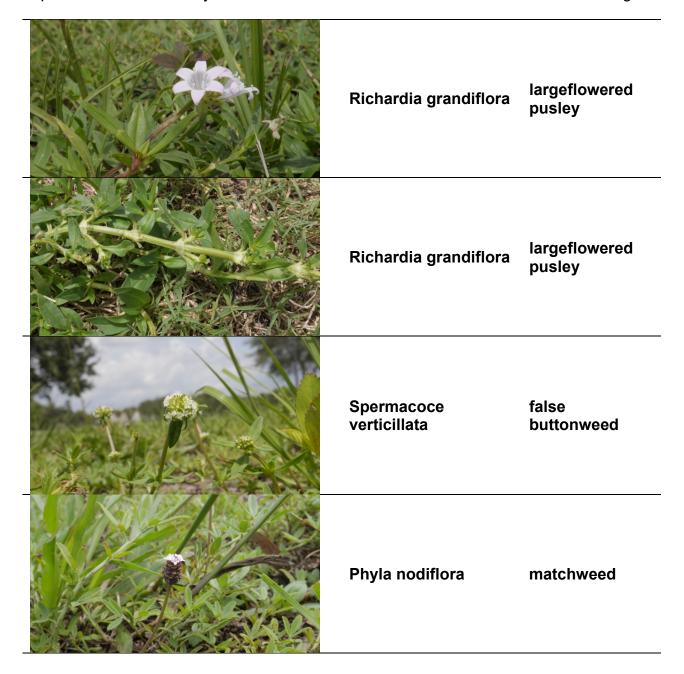
Spanish needles

Emilia sonchifolia

tasselflower

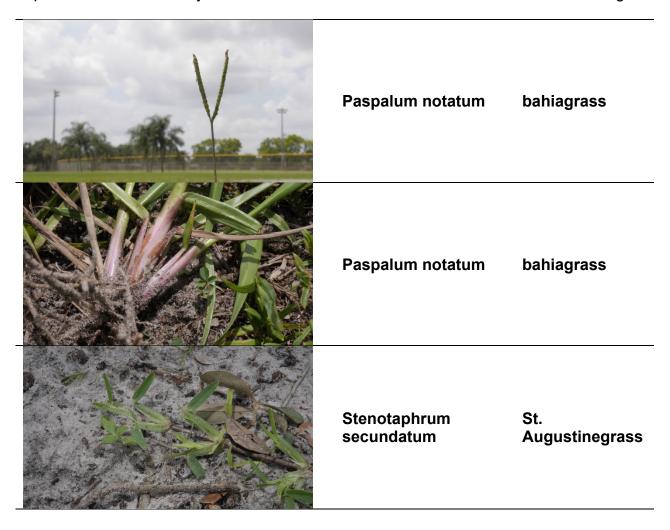
Drymaria cordata	drymary
Chamaesyce hirta	garden spurge
Chamaesyce hyssopifolia	hyssop spurge
Phyllanthus urinaria	chamberbitter
Desmodium incanum	creeping beggarweed

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



Turfgrasses





Invasive Woody Plants

