

Student name \_\_\_\_\_

**ORH 4223 - Golf and sports turf management      4 Dec 1998**

**University of Florida - Fort Lauderdale**

***Final Exam: Take home, due 17 December 1998***

Short answer

(30 pts.)

1. Based on the presentation by Mark or other experiences and sources, what are two of the major problems in maintaining clay infields?

a. \_\_\_\_\_

b. \_\_\_\_\_

2. Based on the presentation by Terry or other reasoning, what are at least one advantage and one disadvantage of sprigging and sodding bermudgrass athletic or fairway turf?

	Advantage	Disadvantage
Sprigging		
Sodding		

3. In order to improve drainage, a golf course contractor must amend a fairway with three inches of sand, rototilled to a total depth after amending of 12 inches. How many tons of sand will be needed, assuming a bulk density of 1.5 (the same as the present soil), to treat a four acre fairway in this manner?

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4. Assuming that the original soil type was silt loam (20% sand, 70% silt, and 10% clay), what soil type will the amended soil be?

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5. What are the two most important reasons that scientists replicate turfgrass experiments?

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6. What is the purpose of the USGA greens specification?

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7. Imagine that today is your first day on the job as superintendent of the City of Fair Palms 2-year-old municipal golf course. A largely Anglo-American bedroom community when the course was planned four years ago, the city will soon have a community college (which now has a contract to use the golf course for classes) and two federally sponsored minority housing projects. The changing demographics have resulted in an explosion of more players, especially younger players, and nontraditional groups such as new immigrants. Besides the demand for golf, there is a demand for other uses of the course. The local Air Balloonists Association wants to use the driving range for take-offs for their annual February Flotation. The City has appointed an advisory board to help you do your job. Membership includes a representative from the activist wing of Greenpeace International, a representative of the American Association for Persons with Disabilities (who want wheelchair access), a retired professional golfer, and a retired tomato farmer who seems to think he knows everything about growing grass. The mayor and City Council are strongly behind making the golf course serve the needs of the entire community, though the traditional users, the Fair Palms Men's Golfing Association has resisted all such efforts, starting with the contract for the community college, to the use of signage in Creole. Fortunately, there will be considerable money coming to the course from the utility department (a refund for using effluent in lieu of municipal treated water which they are contracted to provide, though it's unfortunate it's killing the trees). The additional money can be used to make improvements to the golf course, that is, if anybody can agree on anything. For the good of the golf course and its future users, you must set the style. Please explain in detail what will be your first action and how this will help the golf course serve its mission as perceived by the community. Make up any details you want to tell of an effective plan, but don't write more than 3 pages typewritten (70 pts.)

See attached article,  
Changing Course

*(Typewriting or word processing is always best, but handwriting is acceptable if legible.)*

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