

# On Course Solutions: Doing More with Less Doesn't Have to Mean Less



Matthew Lean GCS  
Monterey Yacht & Country Club



March 2010 the 2nd week of the month and my first day, all the greens look like this.





**To start, I kept it simple because there was so much wrong with this place. I was just overwhelmed . I just kept writing notes on a pad and did one thing at a time. Just did basic agronomy 101. Fertilization and controlled how much water greens received, and corrected the PH going into the SPRAY TANK.**

**May 5 2010**

We have come a long way. You can follow the history of the course on Facebook. At  
**Monterey Yacht and Country Club**



# This is the size of my shop

**No grinding equipment or lift. The other equipment is outside under an awning or tarp. The space is just larger then two cars parked together. It ends at that far wall and opening in the right photo.**



The golf staff includes myself and a 65 year old steelworker named Joe



# Article and Video on TurfNet.com

## Aug 4 2016



Lean works his magic at South Florida  
executive course.  
By John Reitman

We used 2 carriage bolts through the buckets with bolts using a metal bar for support.





This gives me a clean better cut and ups the green speeds some. Helps if I have to spray them after mowing and there is no time to roll them.





When we overseed the greens the lines really show up. The end result is, this does not cost a lot of money to make.



Photos of greens not seeded

[Broom brushes are from GEMPLER'S](#)

# Quick Fast Inexpensive solid Tines

**Aides with getting products into the soil and or just opening up the soil. Sometimes you will get scaring just as with solid tines.**

**I will run this over the green and will follow up with a mowing of the green.**



**For me it's about getting things done the best I can ,  
at the same time getting the results as if you had the  
right (expensive) equipment**

**I try to give the clean up pass areas  
a little extra. Sometimes we will go  
just up and back with no turning on  
the green. Just go by feel .**

**You get the same look with solid  
tines after mowing. In the photo.  
All I did was run the mower over  
the area, reels down not running.**





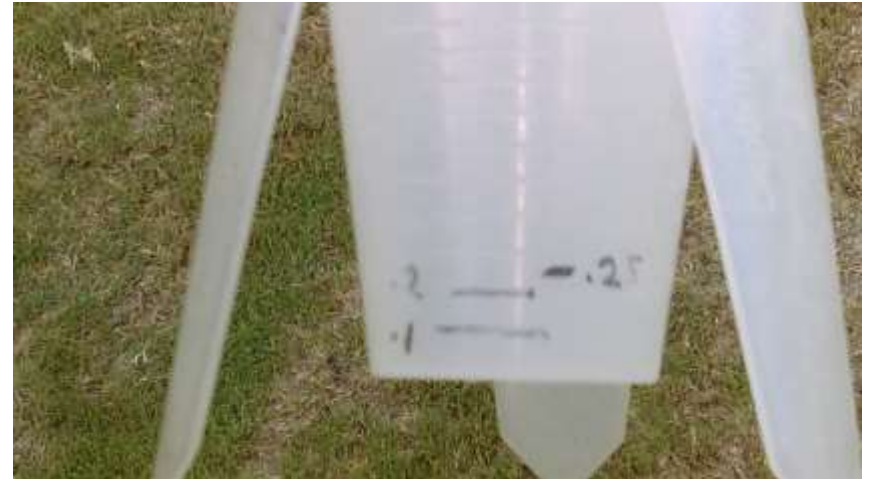
# Localized Dry Spots

## Are You Fighting Yourself ?

Run water on my green for 3 minutes it will receive  $\frac{1}{8}$  of an inch



Run it 5 minutes and the greens will receive .025 inches of water



Are your **high** areas getting the same amount of water as your **low** areas



Do you even know ?

This is my moisture meter, its made for potted plants in a nursery. Isn't a green a large potted plant. Used with a soil profiler. The profiler is one of your most effective tools you will use.





# Taking a soil sample

**Rubber Mallet**

**Home Depot Plumbing Tube**



**Inexpensive way to pull a soil sample**

Total cost under \$15.00



# This water meter will save you money and give you some piece of mind

If you spray 50 gal/A. Then 25 gal equals  $\frac{1}{2}$  an acre. Is your spray rig level when you load. Is your golf cart level when you load

So many uses. Gal (h<sub>2</sub>o) to product ounces. Pesticides, Herbicides, Fungicides, used in 5,10,15,20,30 gallon spray tanks



This is helpful when you are spot spraying areas with your spray rig  
Use what you need. Not so much extra product left over



# Rain Gauge

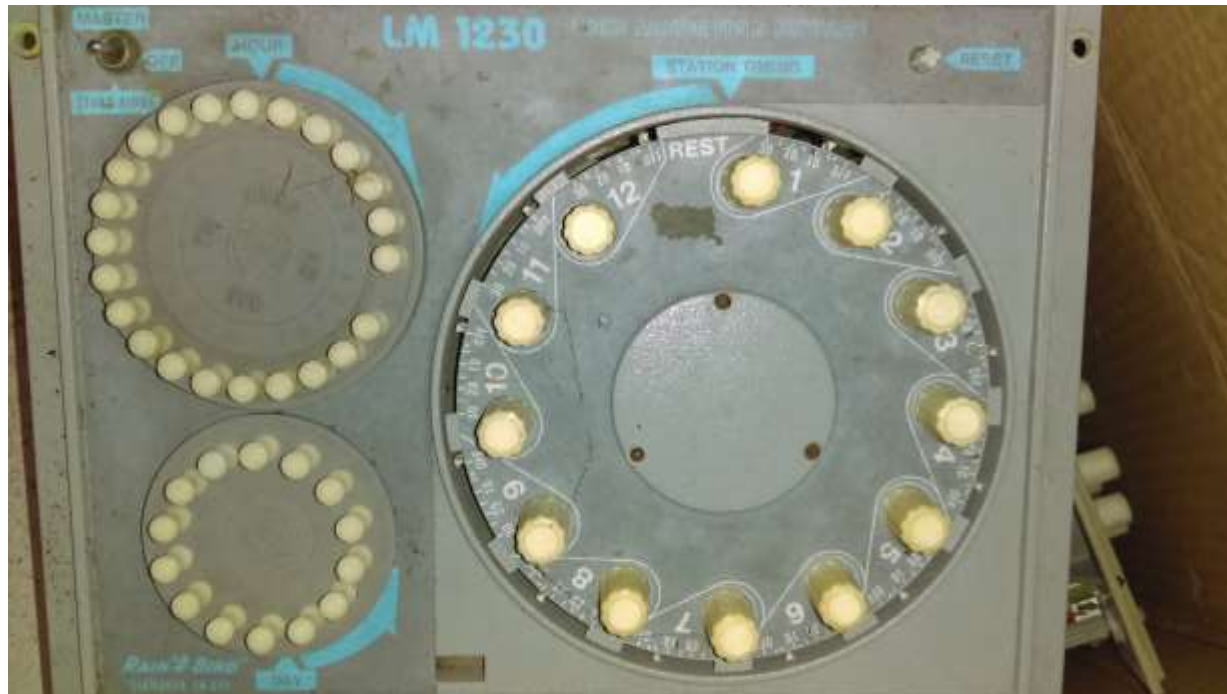
**This works for me and my operation. I set it at  $\frac{1}{4}$ . If it starts raining at 11pm and it's over  $\frac{1}{4}$  of an inch, it turns off the pump. Cost 20.00 .**





My pump runs from 11:30pm to 8am. I do modify it in the summer. There are many reasons why I do this.

**Old Rainbird 1970,click click click  
My irrigation controller when I started**





# Same box you can get for your house

**I use three programs**

**A- tee/fairway**

**B- greens**

**C- daytime both A&B**

**Existing wires into new box**

**Used existing control box**



**Walkway from behind green to tee box.  
Compaction, water not draining well.**



**Cup Cutter**

# Quick fix





**Quick aerification or venting**  
**Remember it's the end result that**  
**matters**



**I did three tee boxes in a few minutes**



**Good depth for a roller ,soil factors  
determined this and how much water  
is in the roller**



**The core is being slug out at a good speed**

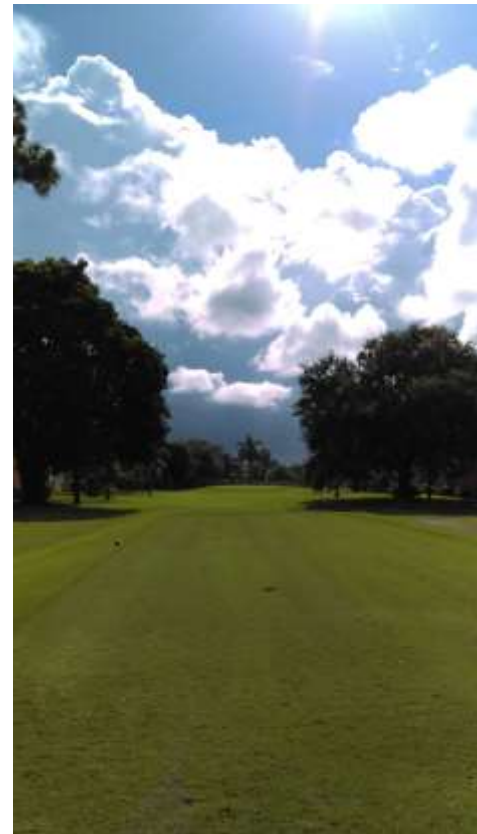


# The results are just about as good as a brand name unit

**After mowing**



**After mowing**



**Its not as good as a name brand but  
does get the job done for low buck**



# **GROOMING: on a flat surface place each plate under each corner of the rollers**

**Adjust till they just touch the floor, using paper as a feeler gauge**



**Toro sells them in packs of four, in different thicknesses**



**This is cheaper than a gauge , a good starting point.**



# **Keep the bottom of your hand spray pump somewhat dry and steady**

**I put the 5 gal bucket in a milk crate to hold it steady**



**1 inch pvc pipe keeps the spray pump off the bottom**









# Thank You

