

Turf Monitoring Tools



The items listed below all share 4 major criteria. They have been tested thoroughly by PACE Turf, they have been useful to us and to turf management colleagues, they are easy to acquire and use, and (with one exception) they are priced under \$400.00. Most items can be obtained from many sources. The suppliers listed here are presented as examples, and should not be considered endorsements of one company over another.

	Item	Source	Catalog #	Cost*	Use
1	Plastic shoeboxes	Container Store www.containerstore.com	10008759	\$1.79	irrigation audit, disease incubation chamber
2	TeeJet Tip Tester	TeeJet dealers	37670	\$106.00	handheld flow meter checks nozzle flow rate
3	GPI industrial grade electronic digital meter	Great Plains Industries www.gpi.net	G2S10N09 GMA	price on request	measures water volumes for spray tanks
4	Nitrate test strips	Hach Company www.hach.com	27454-25	\$16.99/ 25 strips	test nitrate levels of soil and water
5	Field Scout Electrical conductivity meter	Spectrum www.specmeters.com	2265FS	\$365.00	measure salts levels of soil and water
6	pHydrion pH paper	Amazon www.amazon.com	----	\$12.49	measures water & soil pH
7	Field Scout TDR 300 Soil Moisture Meter	Spectrum www.specmeters.com	6430FS	\$1065	monitors soil moisture (probes are \$58 extra)
8	Bonjour laser probe combo thermometer	Amazon www.amazon.com	----	\$90.00	measures turf canopy temperature
9	Reotemp Soil thermometer (6")	Ben Meadows www.benmeadows.com	111080	\$32.00	measures soil temperature
10	Turbo Meter wind speed indicator	Davis Instruments www.davisnet.com	00271	\$165.00	measures wind speed
11	Hand lens (10X)	Ben Meadows www.benmeadows.com	103184	\$10.00	10X close-ups of pests, plants
12	IPM Scope	Spectrum www.specmeters.com	2860	\$349.00	40X and 140X magnifications
13	Seiko DM-50 metronome	Amazon www.amazon.com	----	\$14.40	helps keep constant pace during walking spray apps.
14	Turf Tec Soil Profiler	Turf-Tec International www.turf-tec.com	MPS1-S	\$210.00	evaluation of soil profile
15	Gilmour 362 Professional no pre-mix sprayer	Amazon www.amazon.com	----	\$16.59	IPM monitoring for insects with soap solution

* cost is approximate, as of February, 2011

QR Codes for each of the manufacturers listed on the reverse side

Smart phones equipped with QR readers will gain immediate access to the manufacturer's website by scanning the code of interest. The QR code reader works by using the phone's camera to snap a photo of the code.

