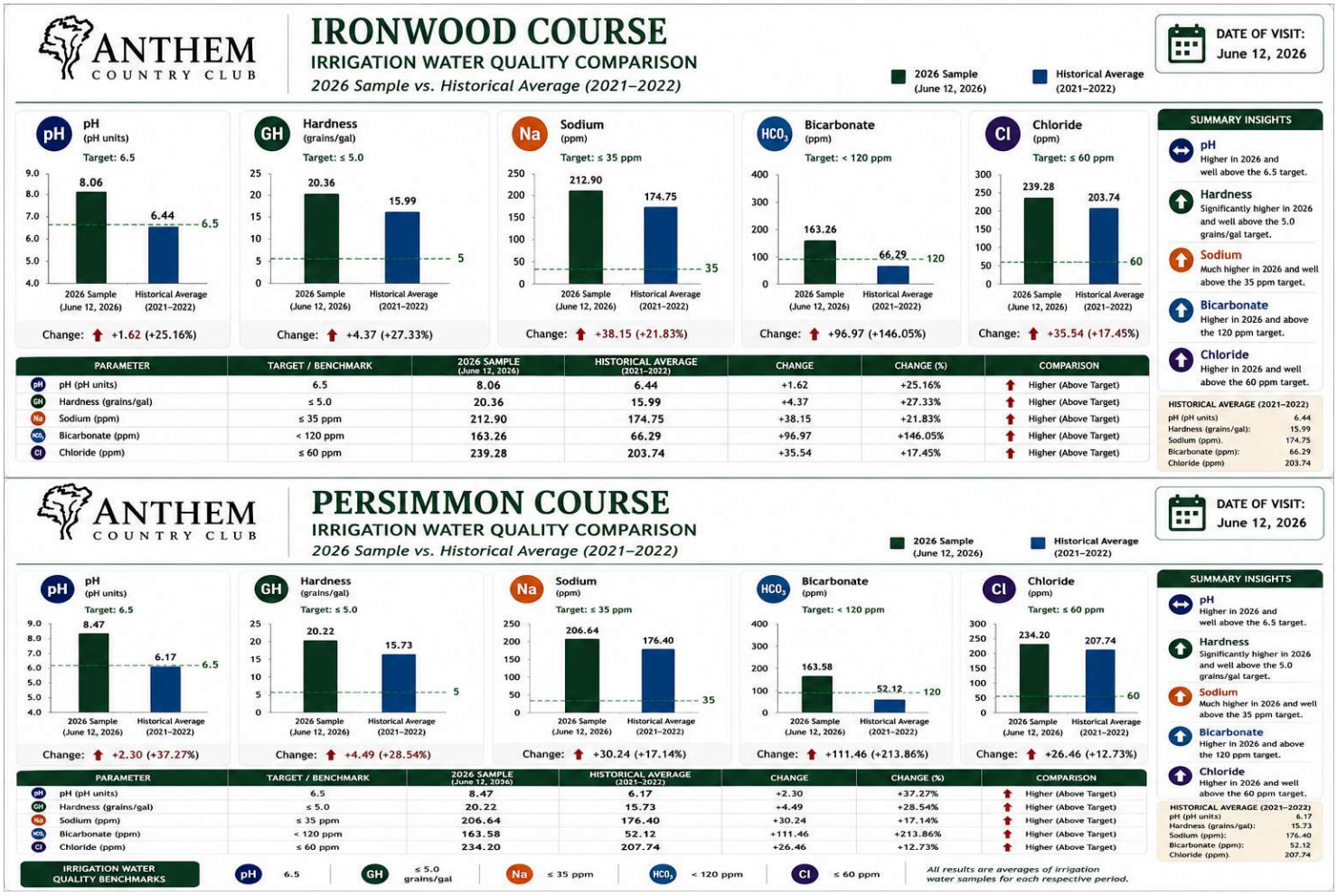
IRRIGATION WATER



- For this report, I will be able to show comparisons from other June/July visits I have made. There were two others one in July 2021 and one in June 2022. You currently have two tracks of data you could be looking at. One from the springtime and one from the summertime.

- The most important thing to note is that the two water samples I collected on June 12th, showed no treatment of the water at that time. The historical data would show the use of sulfuric acid injection and or a sulfur burner.

TEES

ANTHEM
—COUNTRY CLUB—

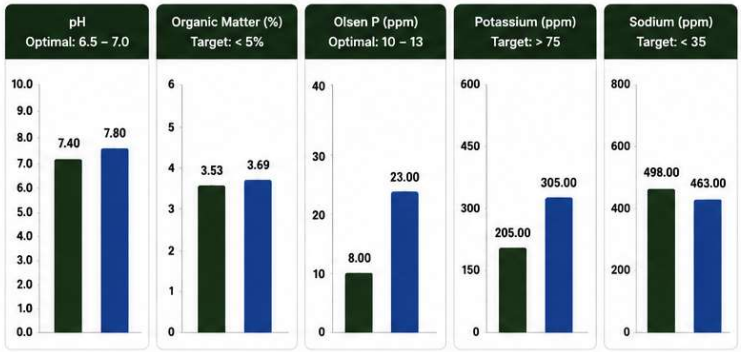
TEE SOIL ANALYSIS SUMMARY

Average Results by Course

Visit Date:
June 12, 2026

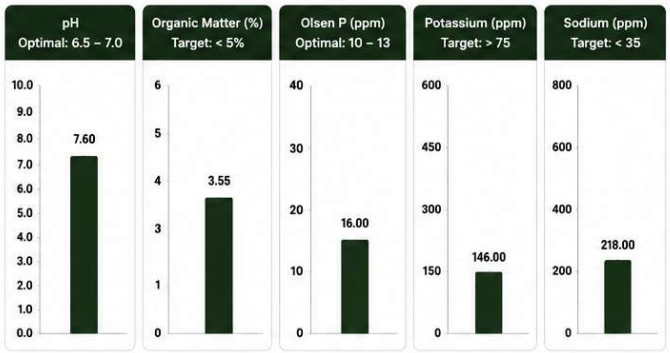
IRONWOOD COURSE – TEES

3 13



PERSIMMON COURSE – TEES

5



	Hole	pH (Optimal: 6.5 – 7.0)	Organic Matter (%) (Target: < 5%)	Olsen P (ppm) (Optimal: 10 – 13)	Potassium (ppm) (Target: > 75)	Sodium (ppm) (Target: < 35)
IRONWOOD COURSE	3	7.40	3.53	8.00	205.00	498.00
	13	7.80	3.69	23.00	305.00	463.00
	Average	7.60	3.61	15.50	255.00	480.50
PERSIMMON COURSE	5	7.60	3.55	16.00	146.00	218.00

SOIL HEALTH STANDARDS (Benchmarks)

pH	Organic Matter (Tees & Greens)	Organic Matter (Fairways)	Olsen P	Calcium	Magnesium	Potassium	Sodium	K : Na Ratio	Irrigation Water pH	Irrigation Water Bicarbonate
6.5 – 7.0	< 2%	< 5%	10 – 13 ppm	≥ 500 ppm	≥ 100 ppm	≥ 75 ppm	≤ 35 ppm	2 : 1 Ideal	6.5 Ideal	< 120 ppm

Note: Soil test results are from samples collected on the dates shown.
Results represent laboratory analysis of the tee samples.

- In the past Summer visits, I have not collected samples from the tees. As we go forward with sample collection, I will continue to do the tees and will have more to compare later.

- Although the potassium levels seem to be high enough, the soil in these tees is sodium dominant. An application of 0-0-50 on all the tees would be recommended so that the plant has some availability to outcompete the sodium.

FAIRWAYS

ANTHEM — COUNTRY CLUB —

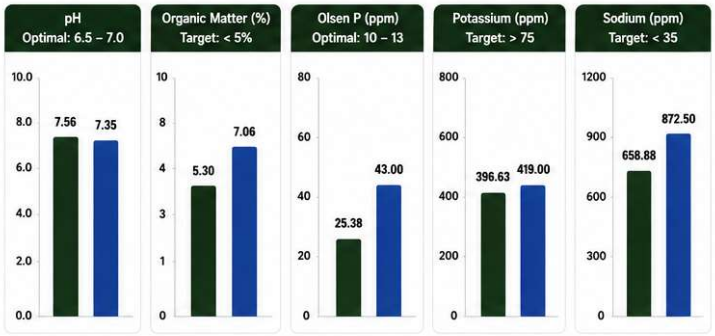
FAIRWAY SOIL ANALYSIS SUMMARY

Average Results by Course

Visit Date: June 12, 2026

IRONWOOD COURSE – FAIRWAYS

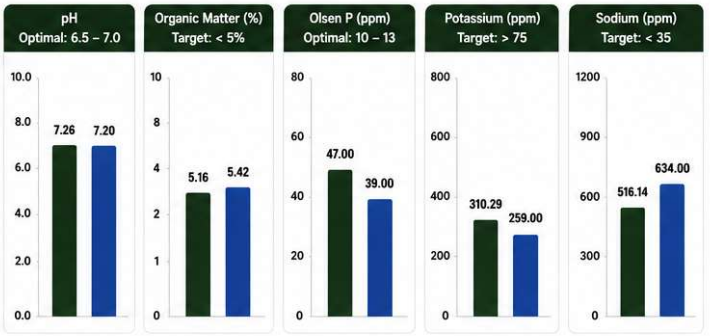
Historical Average (2021 & 2022) | 2026 Average



IRONWOOD COURSE	pH (Optimal: 6.5 – 7.0)	Organic Matter (%) (Target: < 5%)	Olsen P (ppm) (Optimal: 10 – 13)	Potassium (ppm) (Target: > 75)	Sodium (ppm) (Target: < 35)
Historical Average (2021 & 2022)	7.56	5.30	25.38	396.63	658.88
2026 Average (Fairways 3 & 13)	7.35	7.06	43.00	419.00	872.50
Change (2026 – Hist.)	-0.21 ↓	+1.76 ↑	+17.62 ↑	+22.37 ↑	+213.62 ↑
Comparison	⊖	↑	↑	↑	↑

PERSIMMON COURSE – FAIRWAYS

Historical Average (2021 & 2022) | 2026 Average



PERSIMMON COURSE	pH (Optimal: 6.5 – 7.0)	Organic Matter (%) (Target: < 5%)	Olsen P (ppm) (Optimal: 10 – 13)	Potassium (ppm) (Target: > 75)	Sodium (ppm) (Target: < 35)
Historical Average (2021 & 2022)	7.26	5.16	47.00	310.29	516.14
2026 Average (Fairway 5)	7.20	5.42	39.00	259.00	634.00
Change (2026 – Hist.)	-0.06 ↓	+0.26 ↑	-8.00 ↓	-51.29 ↓	+117.86 ↑
Comparison	⊖	↑	↓	↓	↑

SOIL HEALTH STANDARDS (Benchmarks)

pH	Organic Matter (Tees & Greens)	Organic Matter (Fairways)	Olsen P	Calcium	Magnesium	Potassium	Sodium	K : Na Ratio	Irrigation Water pH	Irrigation Water Bicarbonate
6.5 – 7.0	< 2%	< 5%	10 – 13 ppm	≥ 500 ppm	≥ 100 ppm	≥ 75 ppm	≤ 35 ppm	2 : 1 Ideal	6.5 Ideal	< 120 ppm

Note: Soil test results are from samples collected on the dates shown.
Results represent laboratory analysis of the fairway samples.

- As the fairway soils are much heavier than the tees and greens where water stands, collects into a lower area, or where there is compaction near the cart paths from golfers, the grass in those areas will suffer. Although you cannot remove sodium and chloride from the water through treatment, by treating the water and reducing its hardness, the water will penetrate better and move sodium deeper in the profile.

GREENS

ANTHEM — COUNTRY CLUB —

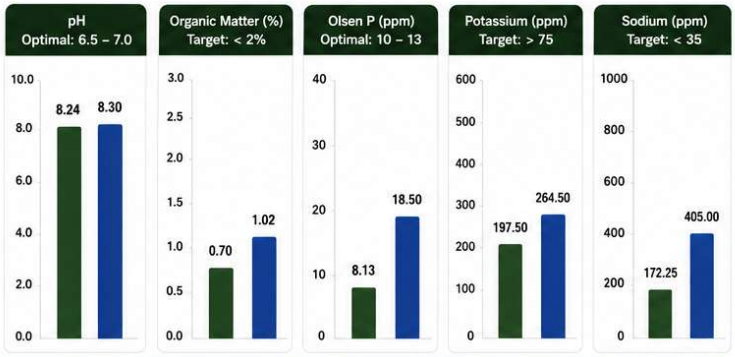
GREEN SOIL ANALYSIS SUMMARY

Average Results by Course

Visit Date: June 12, 2026

IRONWOOD COURSE – GREENS

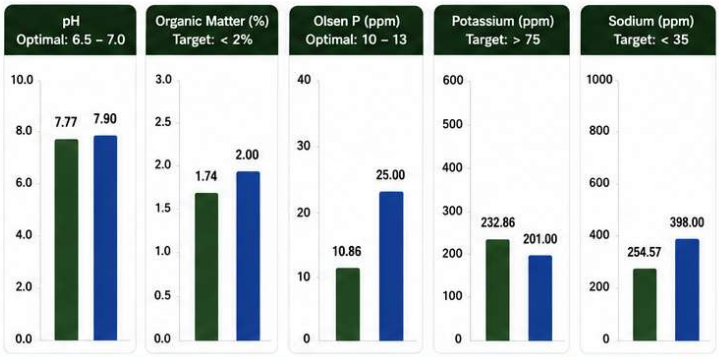
Historical Average (2021 & 2022) | 2026 Average



IRONWOOD COURSE	pH (Optimal: 6.5 – 7.0)	Organic Matter (%) (Target: < 2%)	Olsen P (ppm) (Optimal: 10 – 13)	Potassium (ppm) (Target: > 75)	Sodium (ppm) (Target: < 35)
Historical Average (2021 & 2022)	8.24	0.70	8.13	197.50	172.25
2026 Average (Greens 3 & 13)	8.30	1.02	18.50	264.50	405.00
Change (2026 – Hist.)	+0.06 ↓	+0.32 ↑	+10.37 ↑	+67.00 ↑	+232.75 ↑
Comparison	⊖	↑	↑	↑	↑

PERSIMMON COURSE – GREENS

Historical Average (2021 & 2022) | 2026 Average



PERSIMMON COURSE	pH (Optimal: 6.5 – 7.0)	Organic Matter (%) (Target: < 2%)	Olsen P (ppm) (Optimal: 10 – 13)	Potassium (ppm) (Target: > 75)	Sodium (ppm) (Target: < 35)
Historical Average (2021 & 2022)	7.77	1.74	10.86	232.86	254.57
2026 Average (Green 5)	7.90	2.00	25.00	201.00	398.00
Change (2026 – Hist.)	+0.13 ↓	+0.26 ↑	+14.14 ↑	-31.86 ↓	+143.43 ↑
Comparison	⊖	↑	↑	↓	↑

SOIL HEALTH STANDARDS (Benchmarks)

pH	Organic Matter (Tees & Greens)	Organic Matter (Fairways)	Olsen P	Calcium	Magnesium	Potassium	Sodium	K : Na Ratio	Irrigation Water pH	Irrigation Water Bicarbonate
6.5 – 7.0	< 2%	< 5%	10 – 13 ppm	≥ 500 ppm	≥ 100 ppm	≥ 75 ppm	≤ 35 ppm	2 : 1 Ideal	6.5 Ideal	< 120 ppm

Note: Soil test results are from samples collected on the dates shown.
Results represent laboratory analysis of the green samples.

- You've made a nice increase in phosphorus compared to historical averages.
- Again, the potassium levels seem high enough, yet they are losing to the sodium. Concentrating on soluble potassium for the plant will be important through the summer.
- Flushing the greens can be a good practice to get them back to a point where the sodium and chloride has been moved out and then apply 0-0-50 behind the heavy watering.

SUMMARY

- Soil temperatures measured **72°F** with forecast air temperatures reaching **100°F**, creating elevated evapotranspiration demand and increasing the importance of precise moisture management.

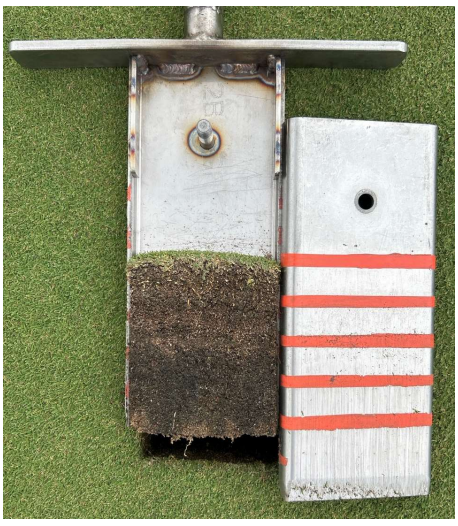
- Persimmon Course Green #5 profile shows a healthy rooting depth of approximately **4 inches**, with the core holding together well and demonstrating good rootzone stability under current conditions.

- The Green's root mass remains active through the upper profile but with significant layering observed on both courses. Most of this would have been created during the grow-in but can still be managed with aggressive cultural practices.

- Fairway rooting extends **beyond 6 inches**, indicating strong root development, favorable soil conditions, and good resilience heading into the summer stress period.

- Surface turf quality is uniform across inspected areas, with healthy rooting supporting overall plant vigor on both greens and fairways.

- Monitor root depth and profile conditions routinely through the summer to preserve current rooting strength and identify any developing stress before visible symptoms occur.



Corey Angelo | Owner

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