

Soil Test Results Tables (2022–2025)

pH

Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	4.80	4.60	5.30	4.80
2023	4.40	5.00	5.80	5.20
2024	5.20	4.90	5.10	5.10
2025	6.00	6.30	5.60	5.30

Total Fungi (µg/g)

Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	492.35	404.85	262.57	243.57
2023	295.40	570.47	400.79	499.40
2024	204.47	210.06	259.27	102.78
2025	318.41	603.19	458.69	247.67

Total Bacteria (µg/g)

Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	492.35	421.37	533.09	452.35
2023	361.05	448.23	553.47	460.99
2024	333.60	342.74	405.52	264.30
2025	477.61	493.52	538.46	526.30

Fungi:Bacteria Ratio

Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	1.00	0.96	0.49	0.54
2023	0.82	1.27	0.72	1.08
2024	0.61	0.61	0.64	0.39
2025	0.67	1.22	0.85	0.47

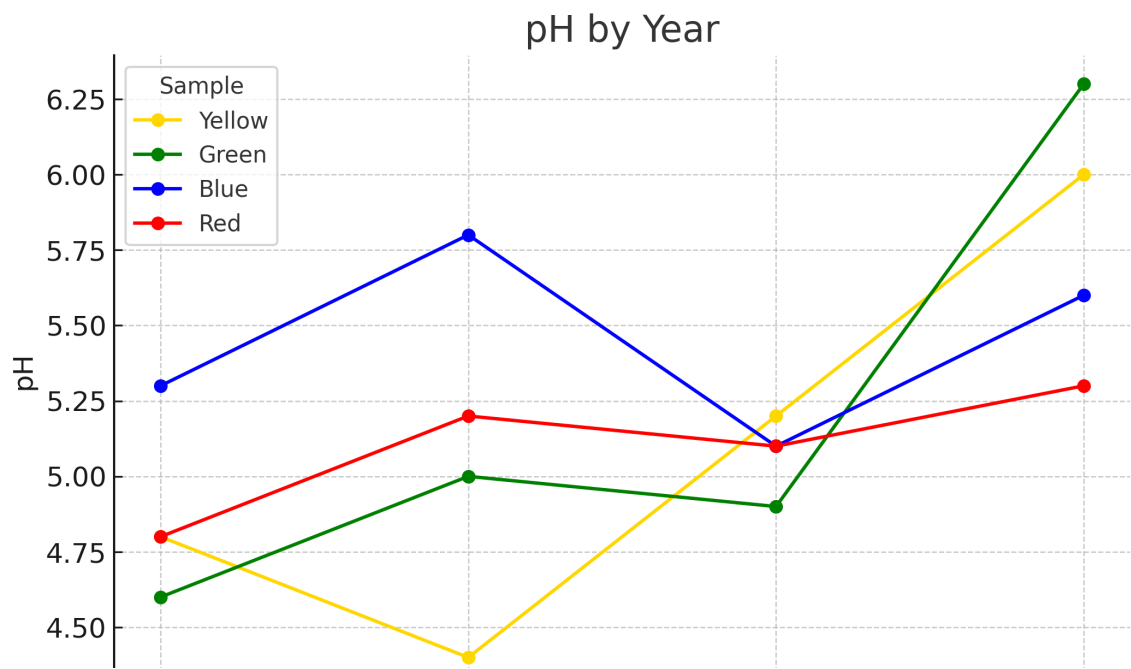
Biol. Carbon

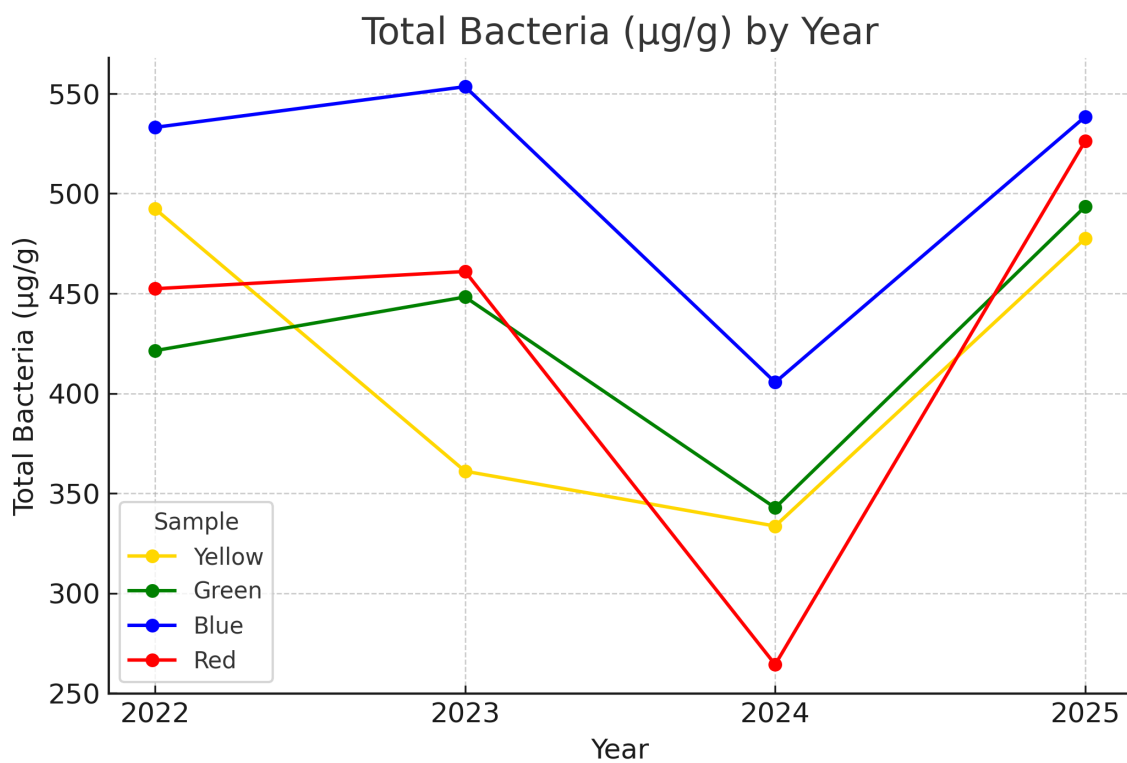
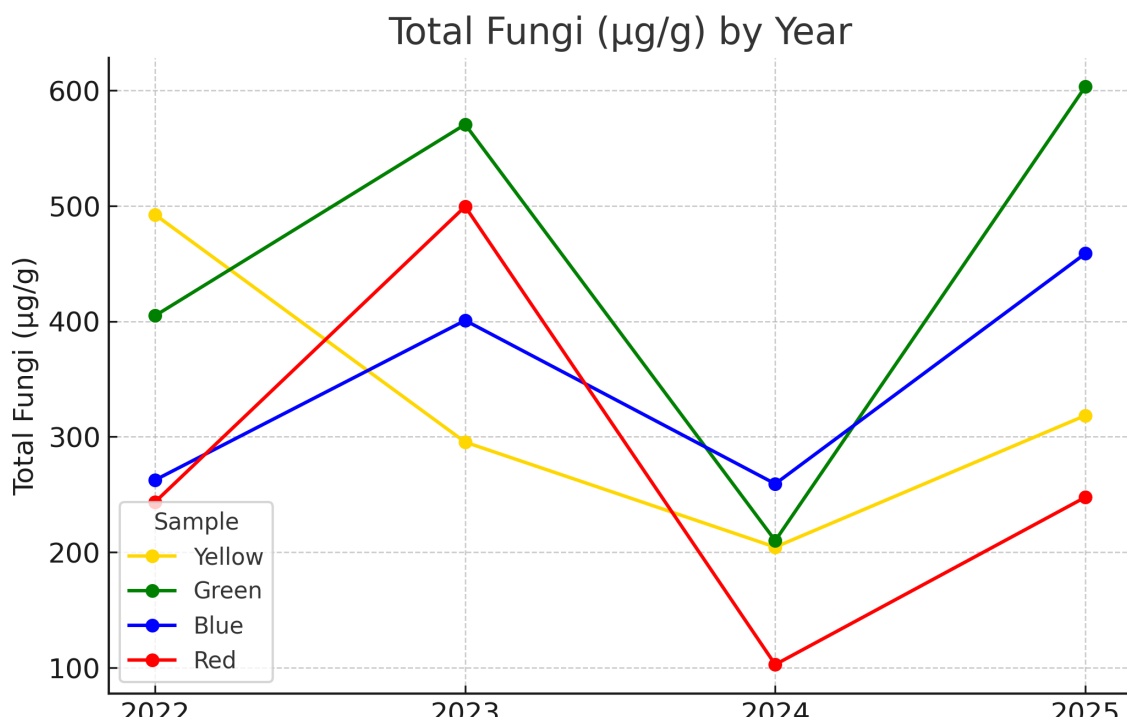
Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	1083.17	908.84	875.23	765.52
2023	722.09	1120.57	1049.68	1056.43
2024	591.88	608.08	731.27	403.79
2025	398.01	548.36	498.57	386.99

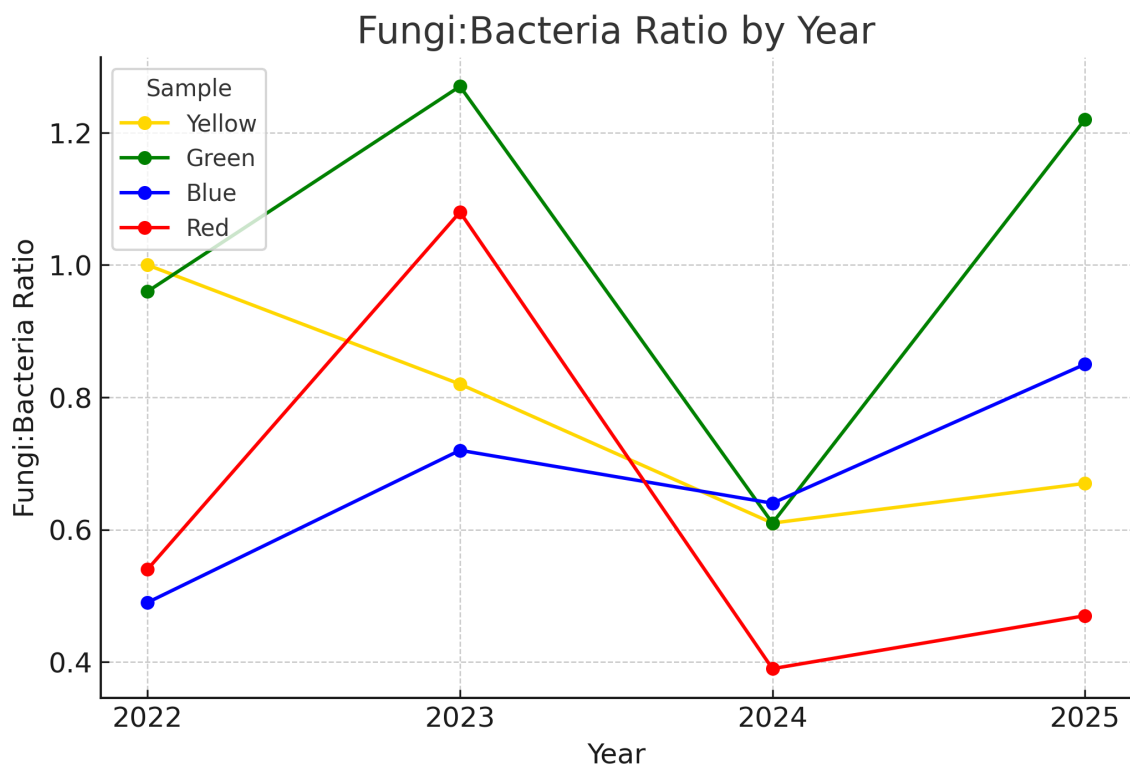
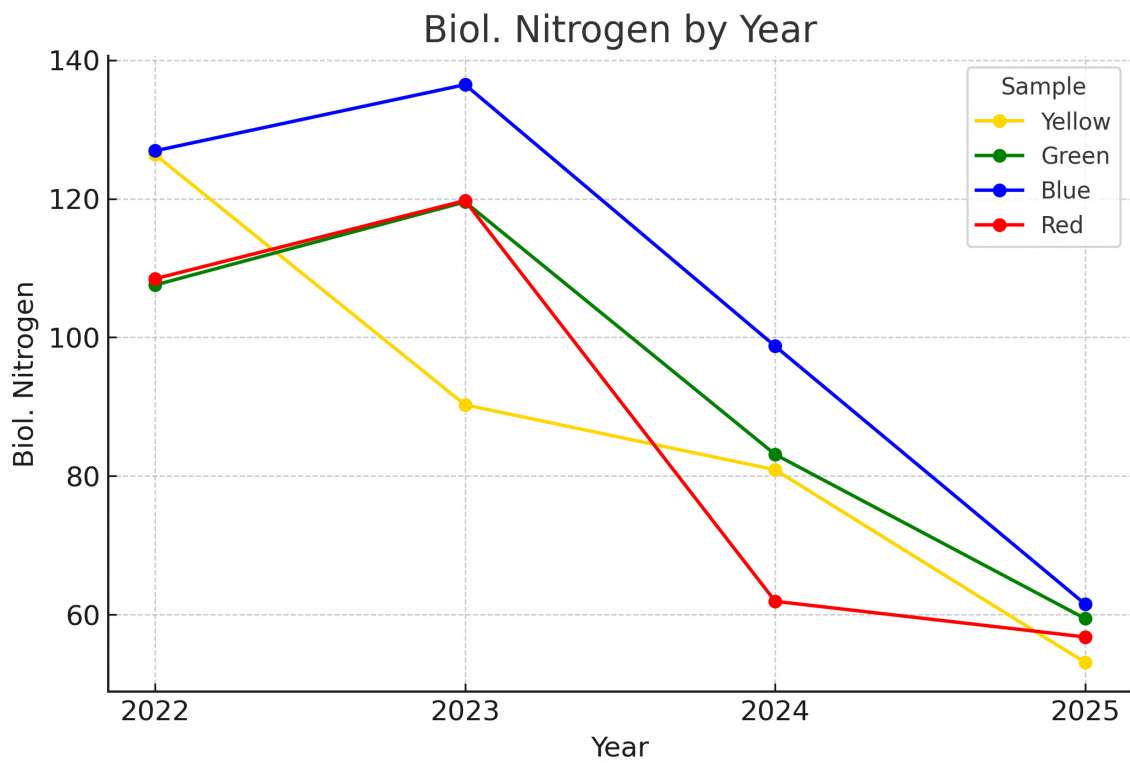
Biol. Nitrogen

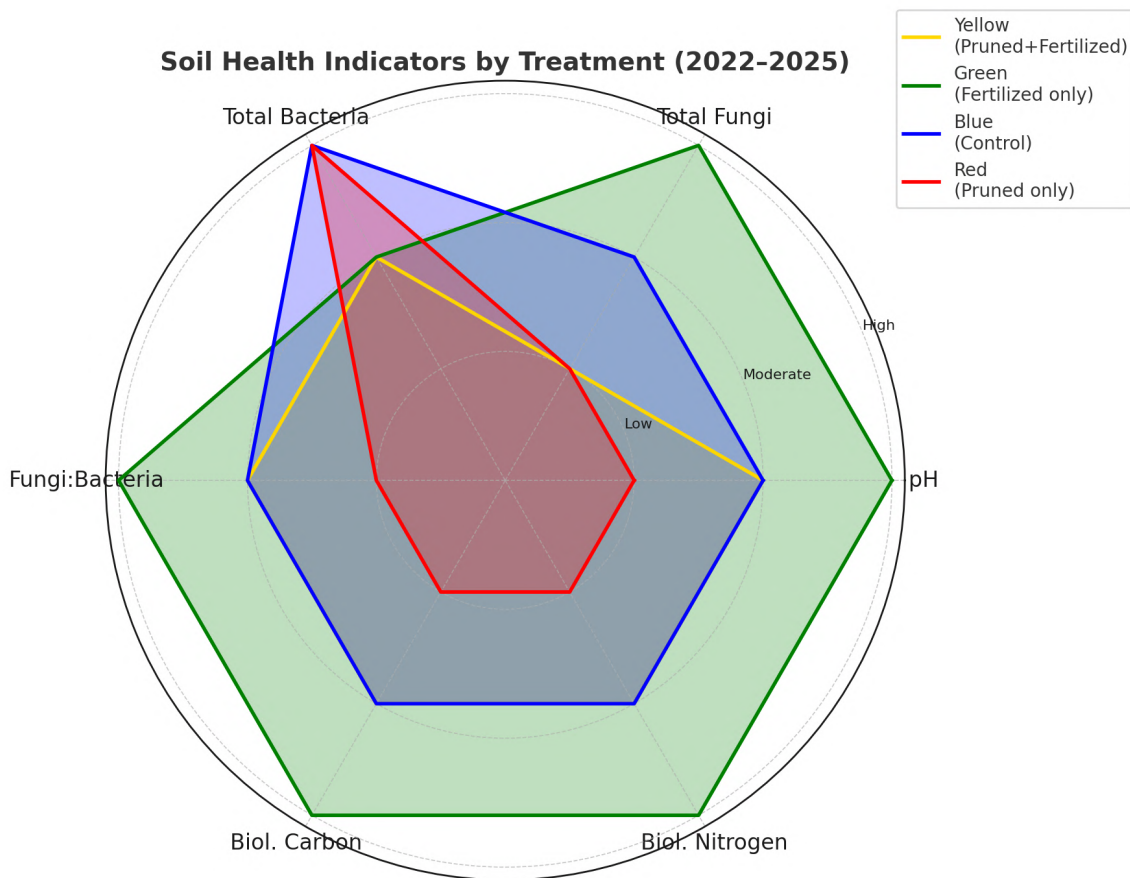
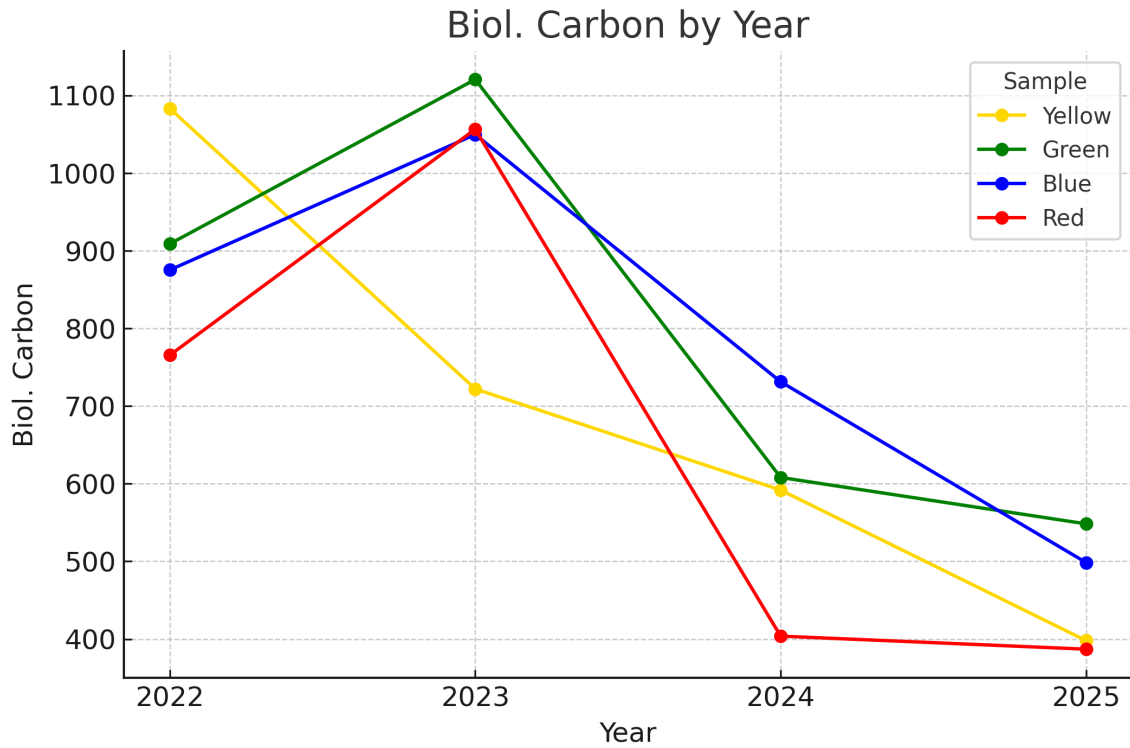
Year	Yellow; pruned and fertilized	Green; fertilized, not pruned	Blue; not fertilized, not pruned	Red; pruned, not fertilized
2022	126.37	107.55	126.91	108.45
2023	90.26	119.53	136.46	119.73
2024	80.89	83.10	98.72	61.91
2025	53.07	59.41	61.49	56.76

Soil Test Results Graphs (2022–2025)









Chestnut Yield by Treatment (2022-2024)

