

Big River Chestnuts: Cornell CASH soil test data

Parameters	June 2019 N	Rating	June 2019 S	Rating	June 2020 N	Rating	June 2020 S	Rating	June 2021 N	Rating	June 2021 S	Rating
Predicted Available Water Capacity	0.27	95	0.28	96	0.28	97	0.37	99	0.28	96	0.29	97
Surface Hardness	95	79	122	68	217	26	214	27	225	23	206	30
Subsurface Hardness	218	77	235	72	289	53	300	50	246	68	262	63
Aggregate Stability	15.7	19	16.9	21	14.8	18	12.8	15	15.4	19	11.1	13
Organic Matter	1.6	6	1.9	10	2.0	1	1.8	0	1.9	10	1.8	8
ACE Soil Protein Index	3.7	19	4.3	25	5.00	32	4.80	30	4.20	24	3.90	21
Soil Respiration	0.3	16	0.3	19	0.3	17	0.4	23	0.4	21	0.4	24
Active Carbon	300	14	328	17	428	34	398	29	341	19	317	16
Soil pH	6.8	100	6.7	100	6.7	100	6.6	100	6.4	100	6.6	100
Extractable Phosphorus	11.2	100	10	100	11.3	100	12.8	100	5.5	100	7.2	100
Extractable Potassium	31.3	41	40.3	59	52	77	49.9	74	56.6	81	69.3	94
Overall Quality Score	56	Medium	57	Medium	51	Medium	54	Medium	51	Medium	52	Medium

Key:
Physical
Biological
Chemical