Supplementary Materials

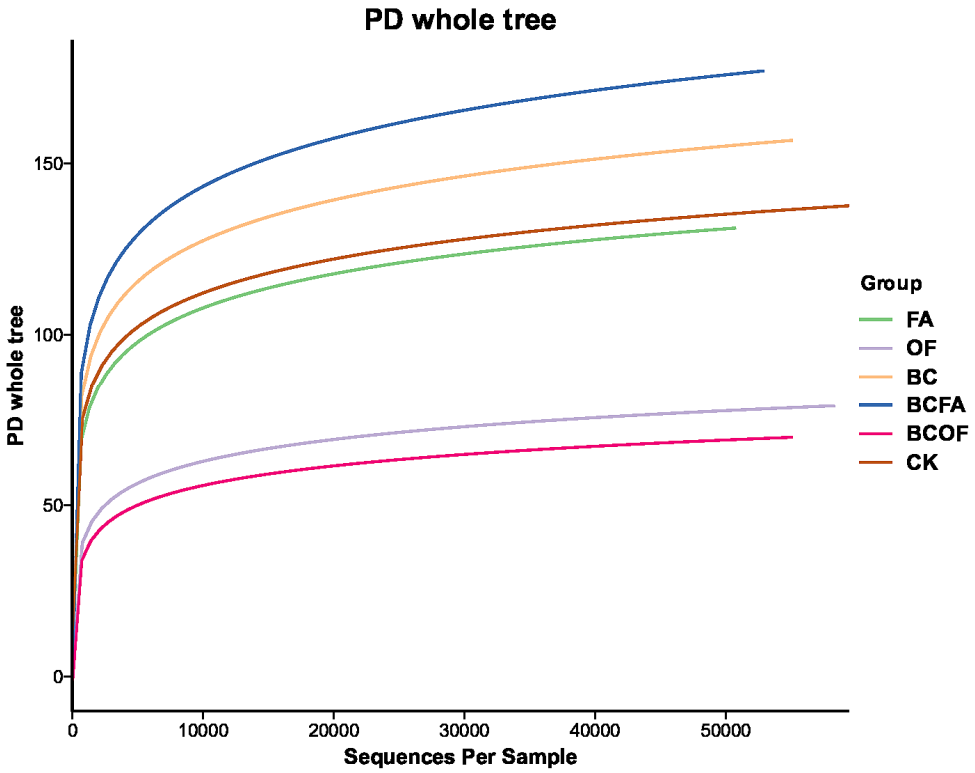


Figure S1. Species richness rarefaction curve.

Table S1. Estimated nutrient and carbon inputs associated with different amendment treatments.

Treatments	N input (kg/ha)	P input (kg/ha)	K input (kg/ha)	C input (kg/ha)
FA	169.5	45.1	62.3	522
OF	909.5	175.9	83.0	3190
BC	177.0	45.1	0.2	5850
BC+FA	237.0	45.1	62.5	6372
BC+OF	977.0	175.9	83.2	9040
CK	109.5	45.1	0	0

Table S2. Summary of sample sequencing tag distribution.

Sample	Raw Reads	filtered	denoised	merged	non chimeric	ASV counts
CK1	79193	74834	72607	61236	58707	1113
CK2	80369	75045	73050	61755	59787	1111
CK3	78836	74055	72227	61688	59959	1184
FA1	80119	73710	70633	52721	51193	1138
FA2	79700	75288	72842	59487	57382	1552
FA3	81581	76748	73926	58164	55978	1479
OF1	81847	77099	74975	63394	60367	728
OF2	78212	73509	71634	61315	58444	630
OF3	80505	75484	73677	63580	61004	666
BC1	78085	73494	69891	52640	50065	1133
BC2	78368	73637	70940	57577	55758	1445
BC3	78288	73635	70851	57892	56427	1351
BC+FA1	80373	75411	71767	55417	53293	1646
BC+FA2	81623	76867	73756	58380	56404	1733
BC+FA3	80921	76135	72411	54023	51772	1753
BC+OF1	80738	75899	73476	61115	58089	945
BC+OF2	80200	75170	73098	62525	55941	486
BC+OF3	78535	70233	66572	50053	48672	628