

Table S1. Pearson correlation coefficient among tree morphological traits. Trees of the apple cultivar Gala, grafted onto the M9 rootstock, were planted in March 2020 and soils amended with specific products.

Variable	G_5_202 0	G_20_202 1	G_20_202 2	G_20_202 3	G_20_202 4	Tree height
G_20_2021\$	0.844***					
G_20_2022	0.668***	0.759***				
G_20_2023	0.587***	0.663***	0.820***			
G_20_2024	0.516***	0.603***	0.793***	0.896***		
Tree height	0.108	0.144	0.292***	0.240**	0.286***	
Canopy area	0.166*	0.198**	0.269***	0.286***	0.279***	0.721***

\$: G_x_y is the tree girth at 'x' cm above the graft union measured in the spring of 'y'. Statistical significance at the level of 0.001, 0.01 and 0.05 is indicated by ***, ** and *, respectively.