	prcnt_lodging	tendril_length_node	branch_numb	plant_height	plant_length	tendril_length	nodes_1st_flow	max_nodes	avg_total_yield	main_stm_diam	tiller_diam	comp_tiller_diam	1
prcnt_lodging													
tendril_length_node	0.3												- 0.8
branch_numb	-0.38	-0.25											- 0.6
plant_height	-0.64	0.04	0.29										- 0.4
plant_length	0.57	0.44	-0.2	0.21									- 0.2
tendril_length	0.44	0.56	-0.19	0.15	0.72								- 0
nodes_1st_flow	0.04	-0.14	0.15	0.08	0.1	-0.07							
max_nodes	0.19				0.28		0.82						0.2
avg_total_yield	-0.13	0.15	0.38	0.23	0.09	0.19	-0.17	-0.07					0.4
main_stm_diam	-0.15	0.11	-0.05	-0.22	-0.38	-0.09	-0.36	-0.31	0.38				0.6
tiller_diam		0.25			0	0.2	-0.07	-0.04	0.56	0.61			0.8
comp_tiller_diam	0.22	0.22	-0.29	-0.18	0.09	0.11	0.04	0.17	0.05	0.24	0.33		