

Supplementary Materials

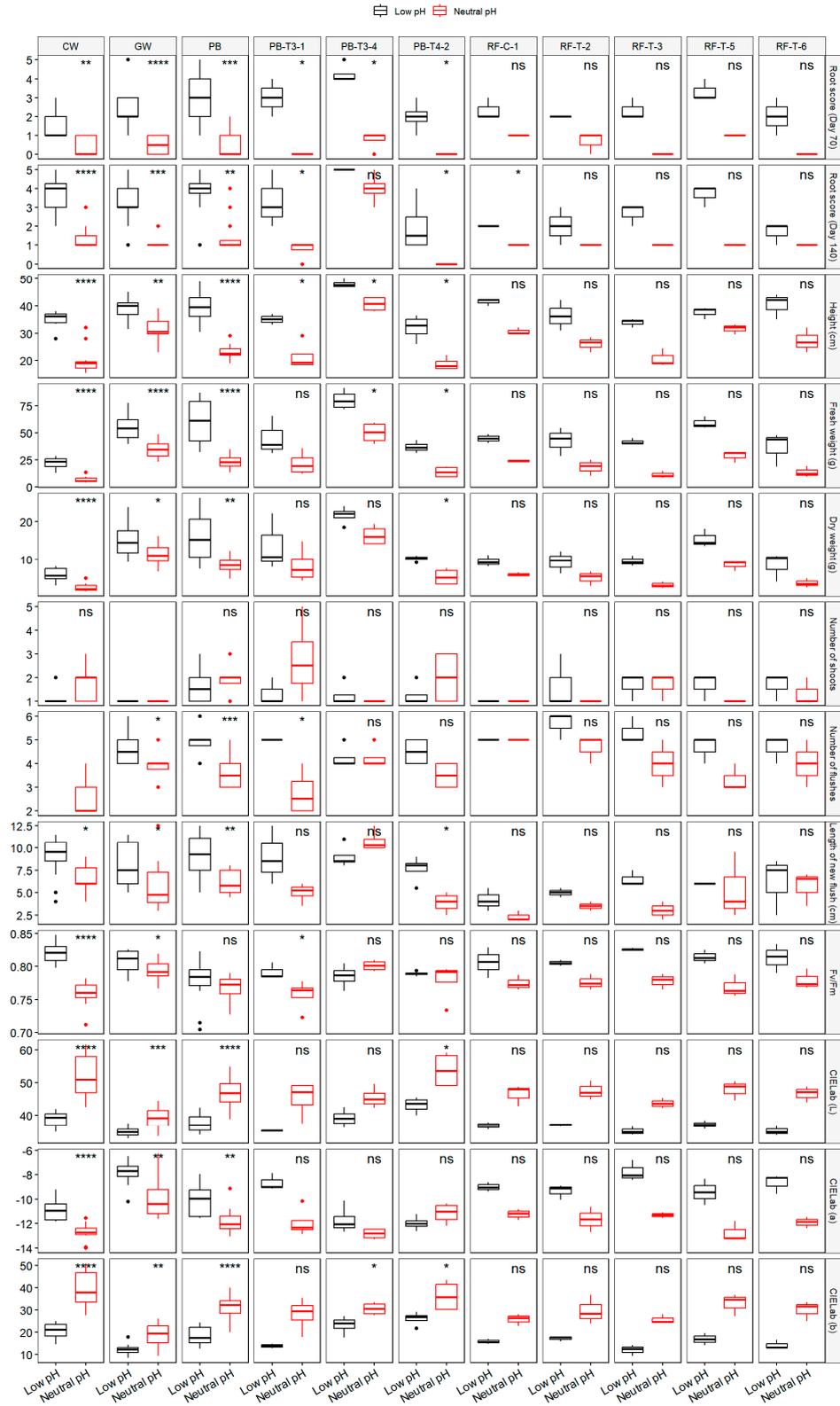


Figure S1. Effects of neutral (CaCO_3) treatment on root score (Day 70 and 140), height, fresh weight, dry weight, number of shoots, number of flushes, length of new flush, F_v/F_m and CIELab (L^* , a^* , b^*) of different genotypes. Pairwise comparisons against the control treatment were calculated by Wilcoxon test, and indicated by **** ($p < 0.0001$), *** ($p < 0.001$), ** ($p < 0.01$), * ($p < 0.05$) and “ns” (not significant) respectively.

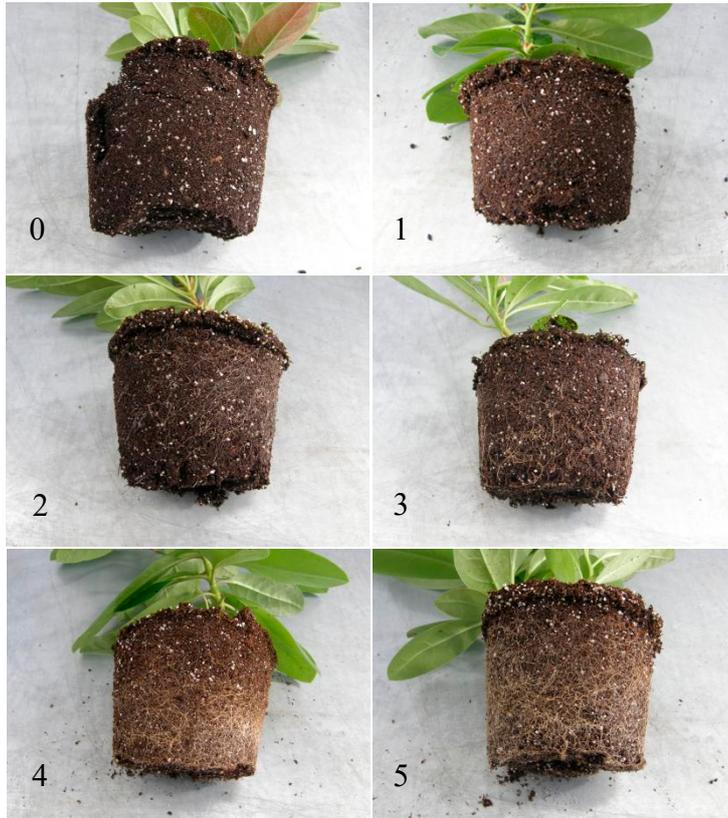


Figure S2. Root scores 0 to 5, with score 0: no roots are visible; score 1: a little bit of roots visible at one side or just a single root on a few sides of the root ball; score 2: roots at two sides appear; score 3: roots are visible around the pot; score 4: roots are present around the root ball; score 5: roots from top to bottom are all around the potting soil.

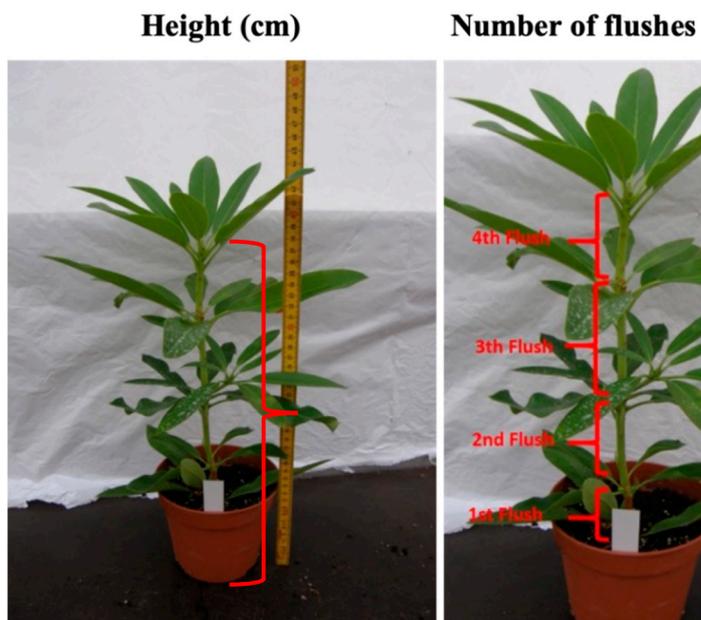


Figure S3. Measurements of above ground growth (height) and number of flushes.

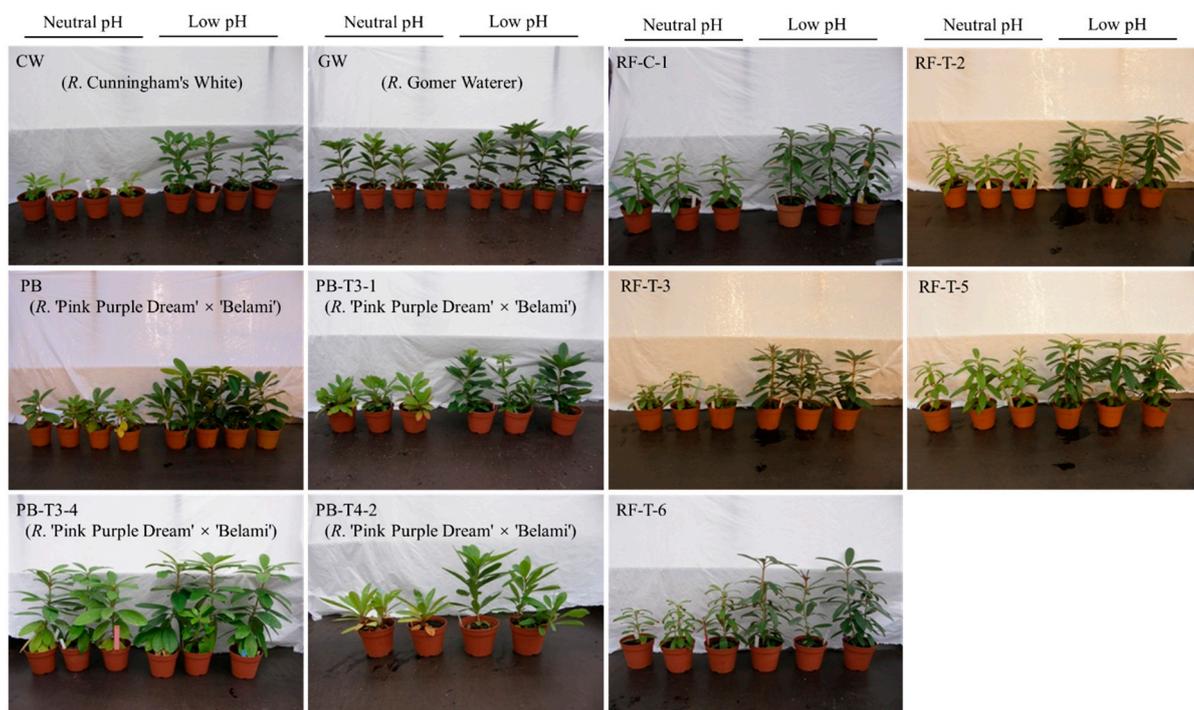


Figure S4. Pictures taken at the end of the experiment 140 days after potting in acidic or neutral pH.