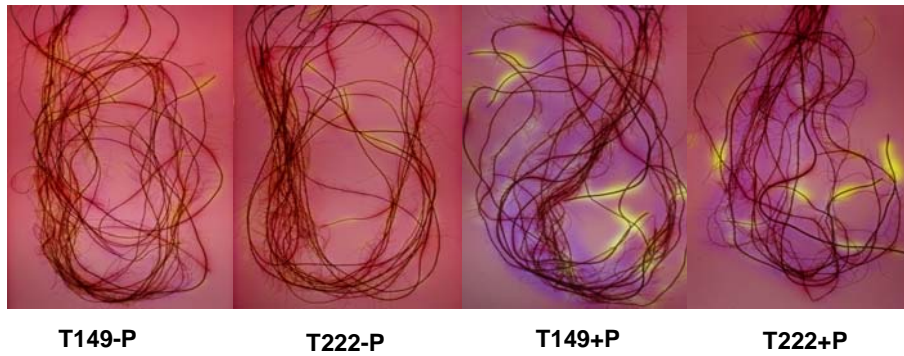


## Supplementary data



**Supplementary Figure 1.** Rhizosphere acidification of two maize genotypes T149 and T222 under LP (-P) and HP (+P) treatments. Staining of pH by agar technique using bromocresol-purple as indicator was conducted at 12th day after LP (-P) or HP (+P) treatment under hydroponic culture conditions. A yellow color indicates acidification, and purple or violet color indicates alkalization.