

Figure S1. A scheme of the setup of static tree pulling. AP1, AP2–upper and base anchor points of pulling line, respectively; PB–pulley block; EL–extension line; 0.5H–half tree height; TH–topping height.

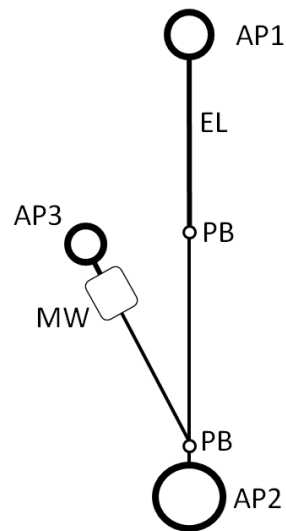


Figure S2. The location of motor winch during the static tree pulling. AP1, AP2 and AP3–anchoring points; MW–motor-winch; PB–pulley block; EL– extension line.

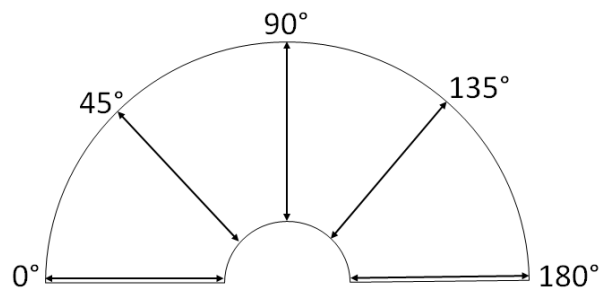


Figure S3. Measurements of the radii of the surface of soil-root plate in 5 directions at 0°, 45°, 90°, 135°, and 180°.