



BLOOM AUTOMATION

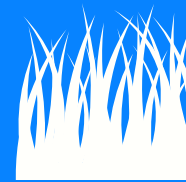
ROBOTIC TRIM TESTING





CUSTOM TRIM SETTINGS

The Bloom automated trimming robot is extremely configurable, with parameters to set trim tightness, speed, and more.



A coarse trim removes all fan leaves and the tips of most sugar leaves, leaving behind a majority of the sugar leaf.

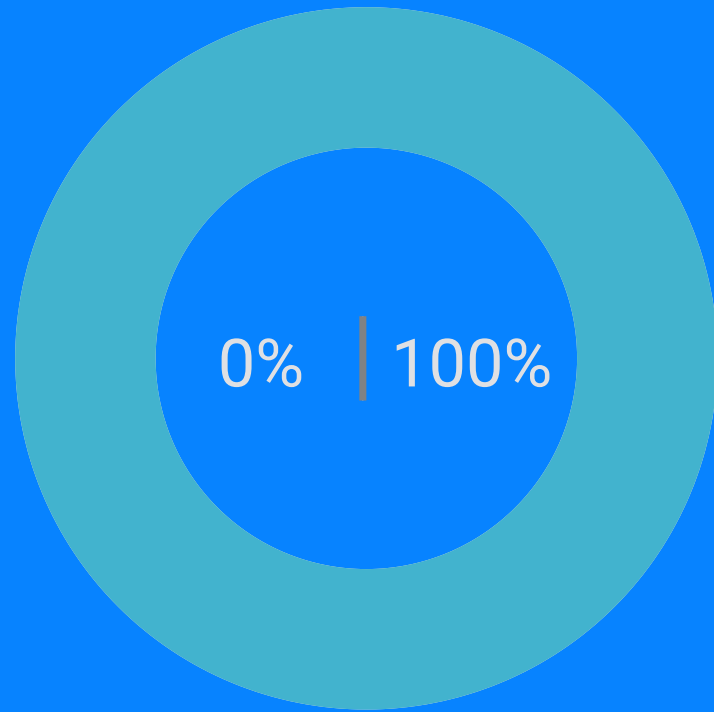


A medium trim removes all fan leaves and the body of most sugar leaves, approximately 3-5mm of each sugar leaf is generally left on the plant.



A fine trim removes all fan leaves and the vast majority of sugar leaf, with less than 2mm of sugar leaf remaining. This trim is similar to a hand-trim.

PRE-TRIMMING



The branches enter the robotic cell with 100% of its leaves and vegetation at the time of harvest. No pre-trimming is required.

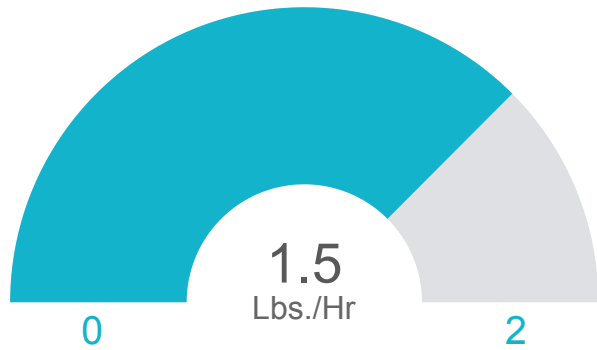


Fig 1: A sample loaded into the robotic cell just prior to an automated trim cycle.

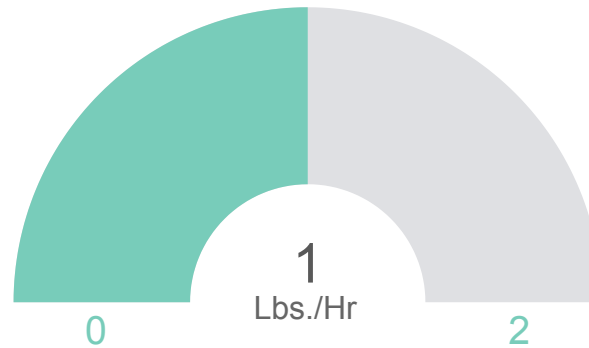
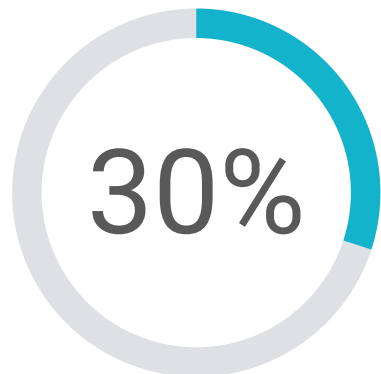
TRIM-ADJUSTABILITY



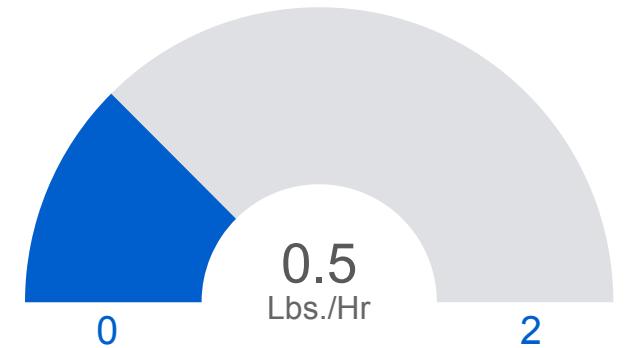
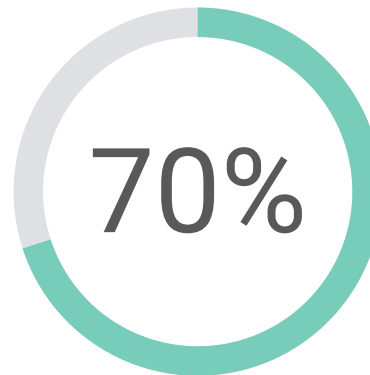
Efficiency (Lbs/Hr)



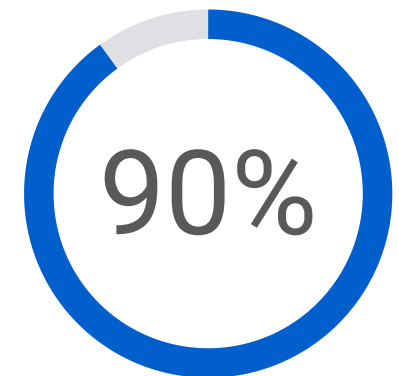
Fan leaves and petioles removed;



Fan leaves and petioles removed;
some sugar leaf removed.



Fan leaves and petioles removed;
most sugar leaf removed.



Accuracy (% Removal)

WET-TRIMMED

Coarse

Fine



DRIED & CURED

Coarse

Fine

