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(57) Abstract :

The present invention relates to an automatic fruit plucking device, comprises of an n L-shaped telescopic rod 1 having a first and second portion, a rod 1 for extending/retracting in accordance to height of a tree from which user desires to pluck and collect fruit, a capturing module 2 for determining height of tree, a plate 3 is assembled on first portion, a sliding arrangement 4 is assembled with multiple telescopic pins 5 to slide and extend in order to grip fruits from trees, a pesticide storage chamber 6 configured with nozzle 7 for dispensing solution on fruits, a weight sensor for measuring and evaluating amount of weight of fruits and a L-shaped extendable links 9 for extending links 9 to provide support to rod 1.

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