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(57) Abstract :

[028] The invention presents Design and Development of Manually Operated Spring-Tooth Weeder for Horticultural Crops. The present invention comprising of carrying handle of a spring-tooth weeder, placing the spring teeth above the designated soil area, and exerting manual pressure on the handle to eliminate undesirable weeds and vegetation from the soil. The present invention includes modifying the depth at which the spring teeth enter the soil by utilizing a height adjustment mechanism, which depends on the specific type of horticultural crop and its growth stage and further, incorporating an ergonomically designed handle for comfortable manual operation and reducing user fatigue during extended weeding sessions. Accompanied Drawings [Figure 1-2]

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