

The effect of green wind breaks in wind blowing quality growth and production of fruit trees

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Wind have main portion in heat spreading and moist are diminution and according to the different area, have different affection. Wind is an important factor for pollination of trees and flowers, and it's intensity or atony has an important influence on pollinators' action. Blowing a mild wind in very cold nights may prevent from frost damage of fruit trees. Wind increases the amount of evaporation and decreases the yield. Furthermore the wind, causes soil erosion in arid climates.

For a long time, man have used different fences for controlling and preventing of harmful effects of wind by wind breaks; and green wind breaks are the best known. According to some investigations, the yield production in orchards with wind break sometimes has been seven times of that are without wind break. winbreak increases the productivity of an area and prevents from developing of barren area. Experiments show, if we establish windbreak in ten percent of farm, the yield that results from the rest of the farm is more than of farm taht is without windbreak. Therefore, the blowing increases the consumption of water in plants.

In this paper, because of frequency of wind blowing in Iran, some cases about green windbreaks, such as their establishing methods, effect of their physical characteristics in quality of wind blowing and increasing yield, their effects on snow accumulation, and also introduction of many kinds of adapted trees for wind breaks are explained.