

efficiency (E) (% , fraction)

application efficiency (E_a , AE) Ratio of the average depth of the irrigation water stored in the root zone to the average depth of irrigation water applied.

irrigation efficiency (E_i , IE)

Ratio of the average depth of irrigation water that is beneficially used to the average depth of irrigation water applied.

water storage efficiency

Ratio of the amount of water stored in the root zone during irrigation to the amount of water needed to fill the root zone to field capacity.