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Quantification of Water Loss Due to Unleveled Surface of Conventionally Puddled Wet Rice Fields

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***Abstract*:** The amount of water wasted due to unleveled conventionally puddled fields was quantified by measuring elevations of the wet rice fields with dumpy level at 2.5 m grid points in six conventionally puddled wet rice fields at Sangareddy, Telangana. The surface SD's of the six fields from the mean level were observed as ±0.019, ±0.034, ±0.029, ±0.039, ±0.044, and 0.038 m and the amount of water to be filled to have a leveled surface for six fields were quantified as 78,205 , 1,42,828, 1,33,950, 1,43,968, 1,70,830 + or -0.038 m and 1,47,323 lit ha^{-1} respectively.

***Key Words*:** Cut, Dumpy level, Fill, Unleveled surface, Wet rice fields