

Potential rice yield in Dampa, Mezoram state, India (2012-2021)



Source: United Nations. 2020. Map of the world [online]. [Cited July 2022]

In support of the GreenAg project (GCP/IND/183/GEF), the potential annual rice yield was calculated for Dampa in Mizoram state, India. The assessment was carried out using a free and open package for agroecological zoning (PyAEZ)¹, 2012-2021 climate (ERA5), soil characteristics (ICAR-NBSS&LUP) and 2021 cropland data (Worldcover).

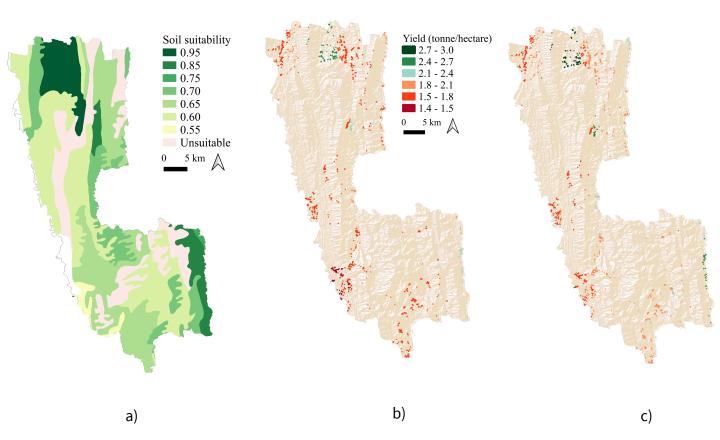


Figure: Potential annual rice yield in Dampa a) soil suitability (%) b) potential yield in rainfed conditions (tonne/hectare) and c) potential yield in irrigated conditions (tonne/hectare)

Table: Potential average rice yield in Dampa, Mizoram state

Region	Yield (tonne/hectare)		Cropland (ha)	Total land area
	Rain-fed	Irrigated	Cropland (ha)	('000 hectare)
Dampa	1.77	1.98	239	165

Prepared by Shrijwal Adhikari, Gianluca Franceschini, Amit Ghosh, Gautam Dadhich, Sheila Wertz, Manoj Semwal, Divya Shah, Athira Sobhana and Matieu Henry for GreenAg project, India.

² GADM. The boundaries and names shown, and the designations used on these map(s) do not express any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

