Food and Agriculture Organization of the United Nations

Maximum potential maize yield in Mizoram 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 maximum potential annual maize yield was calculated for Mizoram state, India. The assessment was carried out using a free and open package for agro-ecological zoning (PyAEZ)[1], 2012-2021 climate (ERA5) and 2021 cropland data (Worldcover).

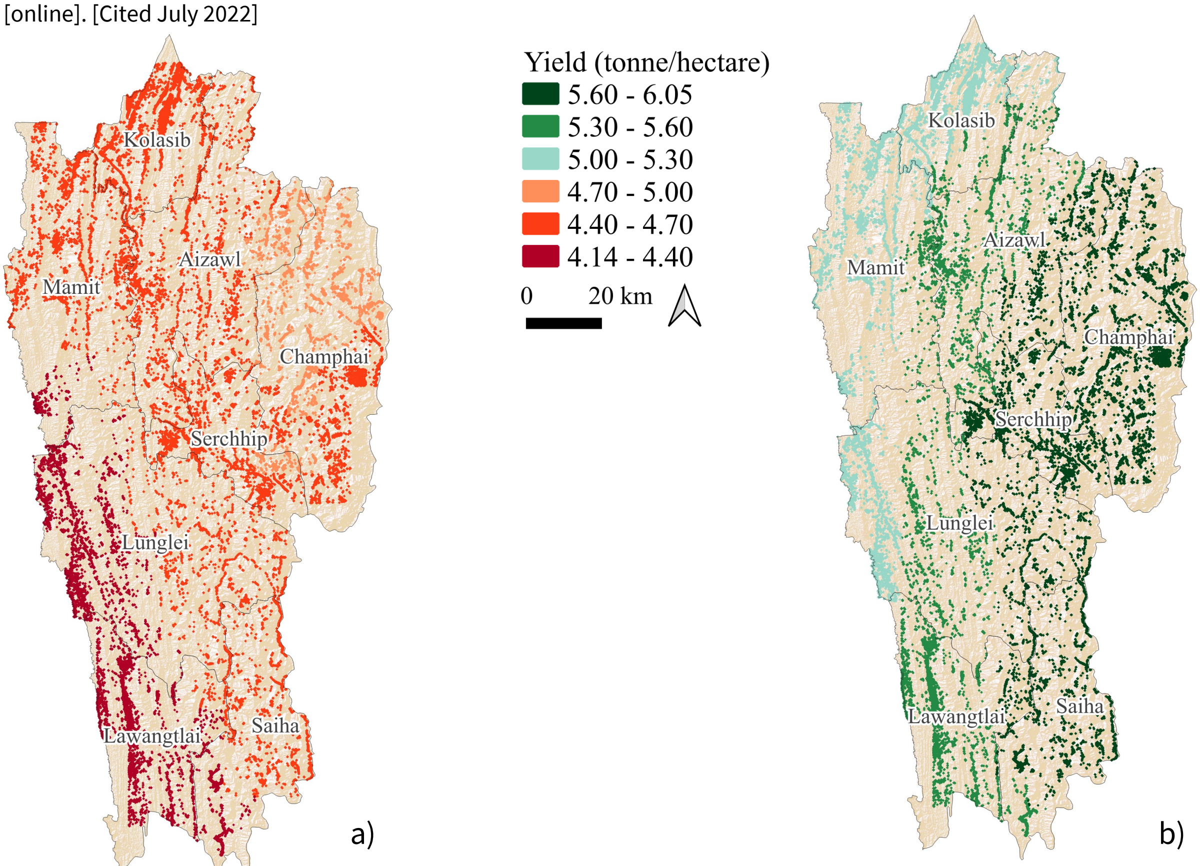

Figure: Maximum potential annual maize yield (tonne/hectare) in Mizoram state under a) rainfed conditions, b) irrigated conditions

Table: Maximum potential maize yield in Mizoram State in India

District	Yield (tonne/hectare)		Cropland (ha)	Total area ('000 ha)
	Rain-fed	Irrigated		
Champhai	4.68	5.86	2 622	343
Aizawl	4.62	5.54	450	345
Serchhip	4.59	5.70	835	136
Mamit	4.50	5.19	827	308
Kolasib	4.49	5.17	2 186	135
Lunglei	4.37	5.45	847	455
Saiha	4.37	5.71	504	198
Lawangtlai	4.26	5.42	1 162	205

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[1] PyAEZ

[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.