

Status of farm mechanization of different agro-climatic zones in Uttar Pradesh

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■ **ABSTRACT** : India accounts for only about 2.4 per cent of the world's geographical area and 4 per cent of its water resources, but has to support about 17 per cent of the world's human population and 15 per cent of the livestock. Agriculture is an important sector of the Indian economy, accounting for 14 per cent of the nation's GDP and about 11 per cent of its exports. Agriculture in India is currently growing at an average compound annual growth rate (CAGR) of 2.8 per cent. The estimated numbers of tractors, power tillers, diesel engines and motors per 1000 ha were average found to be 116, 0, 63 and 119, respectively, in Uttar Pradesh. The number of power sources per 1000 ha of net area sown in the selected village of Bareilly, Bulandshahr, Bijnour, Firozabad, Etawah, Jalaun, Kushinagar, Azamgarh and Sonbhadra districts were: Tractors – 108, 172, 152, 159, 104, 106, 75, 104, and 65; Diesel Engines – 91, 91, 81, 36, 51, 15, 29, 85, and 85; and Electric Motors – 108, 151, 141, 165, 115, 155, 14, 145 and 80, respectively.

■ **KEY WORDS** : Tractor, Diesel engine, Electric motor

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