

Table 2 Clonal varieties of large-leaf tea trees (*Camellia sinensis* var. *assamica*) in Yunnan and its characteristic

No.	Variety	Polyphenol content (%)	Water extract content (%)	Distribution areas	Characteristic
1	Yunkang14	37.37	44.20	Yunnan Province	Macrophanerophytes, with elongated elliptical leaves, rapid growth, and tea harvesting throughout the year, up to 30 times.
2	Yunkang10	33.06	44.90	Yunnan Province	Macrophanerophytes, wide canopy, dense branching. Extended tea picking season, with a total of 31 tea harvests throughout the year.
3	Yunkang43	34.98	44.94	Yunnan Province	Macrophanerophytes, Tall and erect growth habit with abundant branching. Harvested throughout the year for 26 times.
4	Changye Baihao	37.37	44.20	Yunnan Province	Macrophanerophytes, with an expansive tree structure and robust growth, harvested throughout the year for tea production up to 30 times.