

Table 4 Basic information of 5 tested potato varieties

Variety name	Variety source	Variety characteristics
Zheshu956	New varieties of ZAAS, No.:GPD Potato(2019)330032	Large tuber, yellow skin and yellow meat
Zheshu927	New strains of ZAAS	Medium tuber,pink skin and pink flesh
Zheshu974	New strains of ZAAS	Small and round tuber,yellow skin and flesh
Zheshu926	New strains of ZAAS	Medium tuber,yellow skin and yellow flesh
Mira	from Germany,virus-free seed potatoes by ZAAS	Long and round tuber, yellow skin and yellow flesh