Supplementary Table 4 Overview of experimental conditions of the field trials conducted at the experimental station (2018) and Majiaping (2019 and 2021)

|  |  |  |
| --- | --- | --- |
| Location | Experimental station(86° 3' 25" E, 44° 18' 44" N) | Majiaping(86° 7' 11" E, 44° 16' 23" N) |
| Altitude (m a.s.l.) | 465 | 464 |
| Year | 2018 | 2019 | 2021 |
| Period | May–Aug | May–Aug | May–Aug |
| Sowing dates | 29/05/2018 | 14/05/2019 | 04/05/2021 |
| Net plot size (m2)  | 200.4 m2 | 490 m2 | 490 m2 |
| Net sub-plot size (m2) | 9 m2 | 19.5m2 | 19.5m2 |
| Soil parameters |  |  |  |
| N(g/kg) | 0.88 | 0.88 | - |
| P(mg/Kg) | 18.47 | 11.37 | - |
| K(mg/Kg) | 179.33 | 163.67 | - |