

Table 5 The mean of the trait values in different clustering groups of the domestic bred varieties in Northern Xinjiang

Traits	Different clustering mean values			
	1	1-1	1-2	2
Variety number	30	16	14	8
Growth period (day)	125.8	126.9	124.6	126.1
Cotyledon node height (cm)	6.0	6.0	5.9	6.6
Plant height (cm)	71.0	61.3	80.7	82.5
Boll branch	9.0	8.5	9.6	9.5
Boll number each plant	6.3	5.6	7.0	5.7
Boll weight (g)	6.5	6.2	6.7	7.4
Lint (%)	39.9	40.6	39.2	37.2
Seed weight (g)	11.2	11.2	11.1	12.2
Top-half plant mean heigh (mm)	30.1	29.4	30.7	34.3
Trim index (%)	84.7	84.3	85.2	85.7
Micronaire	4.5	4.6	4.4	3.8
Elongation rate (%)	6.4	6.4	6.4	6.5
Strength (cN/tex)	29.3	28.7	29.9	34.7