

Table 6 Agronomic traits and criteria for establishing differences between rows

Trait	Criteria for significant differences
Seedling plant shape	Tillers procumbent/erect/acclivitous ascending
Adult plant shape	Tillers erect/acclivitous ascending
Plant height	Difference is more than 3 cm
Leaf color	Dark green/green/light green
Flag leaf shape	Erect/acclivitous/ horizontally spreading/curved/curly/reclinate
Flag leaf length	Difference is more than 3.0 cm
Flag leaf width	Difference is more than 0.5 cm
Waxiness of stem and	Heavy/light/no
Waxiness of spike	Heavy/light/no
Stem color	Green or purple
Awn characteristics	Long/short/curly/without awn
Heading date	Difference is more than 2 days
Shape of neck	Straight/curved
Spike shape	Oblong/spindly/virgate
Spike length	Difference is ≥ 1.0 cm
Ear density	Sparse/moderate/tight
Number of spikes per plant	Difference is more than 3
Number of spikelets per	Difference is more than 5
Number of sterile spikelets	Difference is more than 5
Grain number per spike	Difference is more than 5
Thousand-grain weight	Difference is more than 5 g
Grain color	Red or white
Grain shape	Ovoid/egg-rotund/oblong/oval
Grain hardness	Soft or hard
Date of maturity	Difference is more than 2 days
Lodging resistance	Strong/medium/weak
Cold hardiness	Highly resistant/resistant/moderately resistant/sensitive/highly sensitive