

Company Name						
Crop Name		WHEAT				
Variety Name						
Types of Variety: (Hybrid/ composite/ synthetic/ improved/ Single cross/ Double cross)						
S.No	Characteristics	States	Note	Hybrid/ Research Variety	Female	Male
1	2	3	4	5	6	7
1	Coleoptile : Anthocyanin colouration	Absent	1			
		Present	9			
2	Plant : Growth habit	Erect	1			
		Semi-erect	3			
		Intermediate	5			
		Semi-prostrate	7			
		Prostrate	9			
3	Foliage : Colour	Pale green	1			
		Green	5			
		Dark green	9			
4	Flag leaf : Anthocyanin colouration of auricles	Absent	1			
		Medium	5			
		Very strong	9			
5	Flag leaf : Hairs on auricle	Absent	3			
		Medium	5			
		Strong	7			
6	Plant : Flag leaf attitude	Erect	1			
		Semi-erect	3			
		Drooping	5			
7	Ear: Time of emergence (first spikelet visible on 50% of ears)	Very early	1			
		Early	3			
		Medium	5			
		Late	7			
		Very late	9			
8	Flag leaf: Waxiness of sheath	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			
9	Flag leaf: Waxiness of blade	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			
10	Ear: Waxiness	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			

S.No	Characteristics	States	Note	Hybrid/ Research Variety	Female	Male
1	2	3	4	5	6	7
11	Culm: Waxiness of neck (Peduncle)	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			
12	Flag leaf: Length	Short	1			
		Medium	5			
		Long	9			
13	Flag leaf: Width	Narrow	1			
		Medium	5			
		Broad	9			
14	Plant: Length (excluding awns/ scurs)	Very short	1			
		Short	3			
		Medium	5			
		Long	7			
		Very long	9			
15	Ear: Shape in profile	Tapering	1			
		Parallel sided	2			
		Club shaped	3			
		Fusiform	4			
16	Ear: Density	Very lax	1			
		Lax	3			
		Medium	5			
		Dense	7			
		Very dense	9			
17	Ear: Length (excluding awns and scurs)	Very short	1			
		Short	3			
		Medium	5			
		Long	7			
		Very long	9			
18	Awns or scurs: Presence	Both absent	1			
		Scurs present	2			
		Awns present	3			
19	Scurs: _____	Short tip	1			
		Long tip	9			
20	Awns: Length	Very short	1			
		Short	3			
		Medium	5			
		Long	7			
		Very long	9			
21	Awn: Colour	White	1			
		Light brown	2			
		Dark brown	3			
		Black	4			

S.No	Characteristics	States	Note	Hybrid/ Research Variety	Female	Male
1	2	3	4	5	6	7
22	Awn: Attitude	Appressed	1			
		Medium	2			
		Spreading	3			
23	Outer glume: Pubescence	Absent	3			
		Medium	5			
		Very strong	7			
24	Ear: Colour	White	1			
		Light brown	2			
		Dark brown	3			
25	Lower glume: Shaller width (spikelets in mid- third of ear)	Absent or very narrow	1			
		Narrow	3			
		Medium	5			
		Broad	7			
		Very broad	9			
26	Lower glume: Shaller shape (as for 25)	Sloping	1			
		Round	3			
		Straight	5			
		Elevated	7			
		Strongly elevated with 2nd point present	9			
27	Lower glume: Beak length (as for 25)	Very short	1			
		Short	3			
		Medium	5			
		Long	7			
		Very long	9			
28	Lower glume: Beak shape (as for 25)	Straight	1			
		Moderately curved	2			
		Strongly curved	3			
		Geniculate	4			
29	Peduncle : Length	Short	1			
		Medium	5			
		Long	9			
30	Spike attitude (at the time of maturity)	Straight	3			
		Bent	5			
		Crooked	9			
31	Grain: Colouration with phenol	None	1			
		Light	3			
		Medium	5			
		Dark	7			
		Very dark	9			
32	Grain: Colour	White	1			
		Amber	2			
		Red	3			

S.No	Characteristics	States	Note	Hybrid/ Research Variety	Female	Male
1	2	3	4	5	6	7
33	Grain : Shape	Round	1			
		Ovate	2			
		Oblong	3			
		Elliptical	4			
34	Grain: Germ width	Narrow	3			
		Medium	5			
		Wide	7			
35	Brush hair : Length	Absent / short	3			
		Medium	5			
		Long	7			
36	Seed : Size (weight of 1000 grains)	Small	3			
		Medium	5			
		Large	7			
		Very large	9			
37	Season: Type	Winter type	1			
		Alternative type	2			
		Spring type	3			
38	Grain : Hardness	Soft	3			
		Semi-hard	5			
		Hard	7			