

Company Name						
Crop Name		PUMPKIN				
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	Cotyledon: length	Short (<4.5cm)	3			
		Medium (4.5-5.5cm)	5			
		Long (>5.5cm)	7			
2	Cotyledon: width	Narrow (<2.5cm)	3			
		Medium (2.5-3.5cm)	5			
		Broad (>3.5cm)	7			
3	Plant: length of main vine	Short (<3m)	3			
		Medium (3- 4.5m)	5			
		Long (>4.5m)	7			
4	Plant: stem shape	Angular	1			
		Round	2			
5	Leaf blade: length	Short (<15cm)	3			
		Medium (15-20cm)	5			
		Long (>20cm)	7			
6	Leaf blade: width	Narrow (<15cm)	3			
		Medium (15-20cm)	5			
		Broad (>20cm)	7			
7	Leaf blade: margin	Entire or very weakly incised	1			
		Weakly incised	2			
		Moderately incised	3			
8	Leaf blade: intensity of green colour of upper side	Light (137a)	3			
		Medium (137b)	5			
		Dark (139a)	7			
9	Leaf blade: silver patches	Absent	1			
		Present	9			
10	Petiole: length	Short (<12cm)	3			
		Medium (12-18cm)	5			
		Long (>18cm)	7			
11	Peduncle: length	Short (<5cm)	3			
		Medium (5- 10cm)	5			
		Long (>10cm)	7			
12	Peduncle: diameter (point of attachment at immature stage)	Small (<1cm)	3			
		Medium (1- 1.4cm)	5			
		Large (>1.4cm)	7			
13	Peduncle: pubescence (at immature fruit stage)	Absent	1			
		Present	9			
14	Fruit: main colour of skin (at immature fruit stage)	Cream	1			
		Light green	2			
		Medium green	3			
		Dark green	4			

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1	2	3	4	5	6	7
15	Fruit: skin colour pattern	Uniform	3			
		Mottled	5			
		Striped	7			
16	Fruit: shape at peduncle end	Raised	1			
		Flat	2			
		Moderately Depressed	3			
		Strongly depressed	4			
17	Fruit: shape at blossom end	Depressed	1			
		Flat	2			
		Raised	3			
18	Fruit: surface grooves	Absent	1			
		Present	9			
19	Fruit: marbling (immature stage)	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
20	Fruit: length (mature stage)	Short (<12cm)	3			
		Medium (12-20cm)	5			
		Long (21-30cm)	7			
		Very long (>30cm)	9			
21	Fruit: diameter (mature stage)	Small (<15cm)	3			
		Medium (15-30cm)	5			
		Large (>30cm)	7			
22	Fruit: shape	Heart shaped	1			
		Round flat	2			
		Oval or oblong	3			
		Rectangular	4			
		Spherical	5			
		Pear shaped	6			
		Club shaped	7			
		Cylindrical	8			
23	Fruit: main colour of skin (mature stage)	Cream (GYG-161C)	1			
		Green with creamy patches (GYG-162C)	2			
		Orange (OG-24D)	3			
24	Fruit: waxiness of skin (at mature fruit stage)	Absent	1			
		Present	9			
25	Fruit: main colour of flesh	Creamy white (YG- 11D)	1			
		Yellowish orange (YOG-13C)	2			
		Greenish orange (GYG-1C)	3			
		Orange	4			
		Dark orange (YOG-17C)	5			
26	Fruit: thickness of flesh	Thin (<2.5cm)	3			
		Medium (2.5-4.5cm)	5			
		Thick (>4.5cm)	7			

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1	2	3	4	5	6	7
27	Fruit: diameter of scar (blossom end)	Small (<1cm)	3			
		Medium (1-2cm)	5			
		Large (>2cm)	7			
28	Seed: length	Short (<1.2cm)	3			
		Medium (1.2-1.6cm)	5			
		Long (>1.6cm)	7			
29	Seed: width	small (<0.6cm)	3			
		medium (0.6-0.9cm)	5			
		large (>0.9 cm)	7			
30	Seed: colour of coat	cream (YW-158a, OW-159b)	1			
		yellow (GY-162c)	2			
		White	3			
		Brown	4			