

Table 3 Main agronomic traits, correlative degree and grade of core collection which were resistant to BPH Bangladesh

Variety	Grade of	Main agronomic traits										Correlative	Grade
		x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}		
IR31892-46-3-2	3.2	43	107	110	112	143	90.5	31.0	94.2	35.8	22.6	0.6348	16
IR45131-59-2-3-2-3	3.8	18	83	85	87	118	116.0	9.0	108.0	78.4	21.0	0.8485	2
IR54751-2-44-15-24-2	3.7	16	72	74	75	107	92.0	17.0	98.0	83.2	23.6	0.8113	5
IR74	3.4	24	91	93	96	125	99.0	14.0	146.0	55.7	24.3	0.8451	3
RP1579-1862-72-31-52	3.0	13	90	92	94	125	110.0	11.0	117.0	87.4	28.5	0.8563	1
570056	2.4	15	87	90	92	122	138.0	13.0	164.0	68.7	21.1	0.7312	11
IR71718-85-3-2-3	3.1	10	89	93	96	128	89.7	26.0	128.0	61.3	23.4	0.8181	4
IR56	5.1	19	81	84	87	127	87.3	13.7	77.9	65.1	22.9	0.7735	7
IR62	4.6	35	92	93	94	132	99.3	13.7	88.7	67.2	20.7	0.7391	9
OM997-6	5.4	18	74	76	78	112	105.0	12.0	134.0	76.8	23.8	0.7960	6
RP1579-1360-62	4.8	18	81	86	88	118	103.0	12.0	185.0	55.6	25.1	0.7073	12
90-572	5.1	12	67	70	73	103	109.0	12.0	145.0	66.1	26.3	0.7009	13
IR72101-8-1-2-1-3-3	3.9	13	92	96	98	130	84.7	36.0	86.0	68.9	25.9	0.6916	15
DAHADALA37YM2014	4.7	18	75	76	77	107	139.0	23.0	109.0	86.7	25.8	0.7331	10
RP2397-406-50	5.0	14	85	87	89	122	121.0	12.0	90.0	67.1	27.3	0.7729	8
520167	5.1	15	80	82	84	118	175.0	12.0	146.0	83.1	21.6	0.6972	14