

Supplementary Data

Variation for infection response to *Bipolaris sorokiniana* and identification of trait specific sources in barley (*Hordeum vulgare* L.) germplasm

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Supplementary Table 1. Passport information and mean value of pooled (three years) data for AUDPC and yield contributing traits of 124 accessions of barley tested at Varanasi, India

S.No.	Genotype	Source	Origin	AUDPC	DTH	TKW	KS	PHT
1	BCU1	BON-LRA-M(90-91)-1	Exotic	1460.40	77.58	34.04	40.51	80.67
2	BCU5	BON-LRA-M(90-91)-5	Exotic	1889.00	80.42	37.04	31.68	73.94
3	BCU43	BON-LRA-M(90-91)-46	Exotic	1941.30	79.42	32.30	22.29	70.50
4	BCU108	AICBIP	Exotic	1845.01	77.75	37.28	41.47	92.61
5	BCU198	KANPUR	Exotic	1678.86	72.92	37.63	33.58	80.11
6	BCU282	CSAUA&T	Exotic	2208.63	73.83	36.81	38.21	75.78
7	BCU286	KANPUR	Indigenous	1496.45	73.50	29.34	35.14	62.55
8	BCU290		Exotic	1422.34	74.83	33.82	26.92	61.61
9	BCU324		Exotic	1383.58	80.58	26.25	29.65	83.28
10	BCU327		Exotic	1373.88	80.33	37.47	41.17	87.50
11	BCU387		Exotic	1618.47	73.00	38.23	13.58	78.11
12	BCU422	1st EMBSN(91-92)-17	Exotic	892.00	72.00	41.24	50.57	72.11
13	BCU452	1st EMBSN(91-92)-47	Exotic	2300.79	72.75	34.88	50.08	84.00
14	BCU465	19th IBON(91-92)-5	Exotic	1470.81	79.00	38.85	25.65	83.33
15	BCU488	19th IBON(91-92)-28	Exotic	1685.68	74.67	38.15	13.67	76.94
16	BCU545	19th IBON(91-92)-86	Exotic	2301.88	72.00	36.04	23.55	69.72
17	BCU551	19th IBON(91-92)-92	Exotic	1783.21	82.33	36.54	17.37	69.44
18	BCU572	19th IBON-113	Exotic	1948.84	75.67	36.98	14.88	78.89
19	BCU711	2nd IWFBON-112	Exotic	2678.86	82.67	30.34	25.15	73.00
20	BCU1012	BON-MRA(91-92)-4	Exotic	2271.63	82.50	36.00	21.55	71.22
21	BCU1020	BON-MRA(91-92)-13	Exotic	1828.20	82.83	38.87	31.47	72.50
22	BCU1092	BON-MRA(91-92)-93	Exotic	1718.79	83.00	34.32	31.64	65.27
23	BCU1199	BON-LRA-M(91-92)-41	Exotic	1680.36	77.33	39.00	47.09	75.98
24	BCU1204	BON-LRA-M(91-92)-46	Exotic	974.00	82.00	38.15	22.96	67.08
25	BCU1314	BYT-MRA-22	Exotic	1526.62	81.33	29.46	36.31	81.11
26	BCU1338	ICB-25	Exotic	1713.93	88.83	34.28	24.40	84.33
27	BCU1381	ICB-73	Exotic	1952.59	75.83	31.12	51.92	82.41
28	BCU3566	NBPGR	Indigenous	1986.51	83.33	33.42	34.50	82.50
29	BCU3603	NBPGR	Indigenous	2089.96	81.00	37.34	46.50	85.67
30	BCU3609	NBPGR	Indigenous	1851.63	74.00	35.43	50.90	86.39
31	BCU3768	NBPGR	Indigenous	1618.96	85.25	35.39	37.67	84.44
32	BCU3825	NBPGR	Indigenous	1633.68	76.50	32.43	33.83	86.33
33	BCU3928	NBPGR	Indigenous	1908.05	80.00	35.50	49.00	85.89
34	BCU3990	NBPGR	Indigenous	1869.38	71.00	37.82	59.73	77.94
35	BCU3996	NBPGR	Indigenous	1849.61	75.67	40.50	32.29	89.67
36	BCU4127	NBPGR	Indigenous	1763.22	80.83	32.21	45.80	87.44
37	BCU4323	NBPGR	Indigenous	2049.55	72.58	42.43	42.67	81.89
38	BCU4346	NBPGR	Indigenous	1779.87	75.67	40.10	57.06	82.78
39	BCU4382	NBPGR	Indigenous	1257.04	71.08	33.79	33.83	91.44
40	BCU4384	NBPGR	Indigenous	2424.94	77.33	32.67	50.67	85.39
41	BCU4412	NBPGR	Indigenous	1465.62	74.42	29.71	60.28	84.67
42	BCU4415	NBPGR	Indigenous	1849.47	73.75	30.23	49.52	76.56
43	BCU4436	NBPGR	Indigenous	2267.71	76.67	38.89	45.16	84.67

44	BCU4517	NBPGR	Indigenous	1728.19	74.67	31.07	50.83	80.05
45	BCU4521	NBPGR	Indigenous	1410.18	79.08	35.97	53.17	82.33
46	BCU4529	NBPGR	Indigenous	2189.81	72.00	36.19	54.58	54.44
47	BCU4539	NBPGR	Indigenous	2149.66	81.67	31.26	54.20	80.56
48	BCU4540	NBPGR	Indigenous	1772.19	75.67	38.18	52.67	79.89
49	BCU4547	NBPGR	Indigenous	1758.32	82.83	32.68	33.83	84.00
50	BCU4548	NBPGR	Indigenous	1745.49	79.92	37.28	52.62	83.00
51	BCU4698	NBPGR	Indigenous	1546.02	72.42	38.82	49.60	84.22
52	BCU4706	DWR	Exotic	1484.98	76.08	36.97	50.55	83.67
53	BCU4716	DWR	Exotic	1469.14	85.67	36.33	18.50	74.78
54	BCU4717	DWR	Exotic	1822.77	72.17	37.89	48.69	73.66
55	BCU4720	DWR	Exotic	1928.49	75.67	37.07	38.23	79.00
56	BCU4722	DWR	Exotic	2321.68	82.92	36.13	30.00	77.61
57	BCU4723	DWR	Exotic	1857.93	81.25	36.76	36.30	79.50
58	BCU4725	DWR	Exotic	1858.62	83.42	30.93	33.83	71.33
59	BCU4745	DWR	Exotic	1848.40	83.00	30.94	38.10	58.44
60	BCU4746	DWR	Exotic	1499.96	79.33	31.25	30.47	67.00
61	BCU4748	DWR	Exotic	1348.29	82.83	38.86	23.70	69.89
62	BCU4752	DWR	Exotic	1289.67	82.50	32.06	52.55	63.11
63	BCU4755	DWR	Exotic	1546.96	82.67	36.80	43.68	45.89
64	BCU4756	DWR	Exotic	1345.18	84.50	42.00	27.11	67.22
65	BCU4860	DWR	Exotic	1223.98	80.67	35.13	48.59	74.11
66	BCU4881	DWR	Exotic	1212.40	83.67	32.43	36.50	73.00
67	BCU4896	DWR	Exotic	1795.01	83.00	26.79	40.00	57.11
68	BCU5069	DWR	Indigenous	1553.73	84.33	31.38	56.71	88.22
69	BCU5082	DWR	Indigenous	1533.88	78.00	36.72	49.92	73.78
70	BCU5083	DWR	Indigenous	1327.03	79.67	32.28	33.53	83.05
71	BCU5091	DWR	Indigenous	2480.05	77.00	27.97	33.84	84.11
72	BCU5092	DWR	Indigenous	1020.00	82.00	38.00	34.15	93.77
73	BCU5113	DWR	Indigenous	2420.30	83.83	34.10	23.83	90.89
74	BCU5178	DWR	Indigenous	2531.41	79.67	32.58	25.20	61.78
75	BCU5179	DWR	Indigenous	2143.26	83.83	24.98	18.23	70.00
76	BCU5180	DWR	Indigenous	1526.57	82.58	23.38	29.50	73.66
77	BCU5181	DWR	Indigenous	1644.54	78.25	23.62	42.80	75.55
78	BCU5118	DWR	Indigenous	2128.20	79.83	27.79	36.00	70.89
79	BCU5200	DWR	Indigenous	1947.82	83.00	31.34	32.24	81.11
80	BCU5214	DWR	Indigenous	2576.74	82.50	34.89	36.16	76.78
81	BCU5216	DWR	Indigenous	3108.08	75.33	29.17	44.21	69.22
82	BCU5451	DWR	Indigenous	2424.97	76.33	31.22	49.83	61.00
83	BCU5453	DWR	Indigenous	1960.25	75.33	38.80	41.08	74.11
84	BCU5455	DWR	Indigenous	1690.07	83.08	37.82	39.67	66.72
85	BCU5479	DWR	Indigenous	1259.30	83.67	27.23	33.83	77.89
86	BCU5519	DWR	Exotic	1523.95	69.67	36.88	31.42	80.72
87	BCU5522	DWR	Exotic	1824.54	71.00	37.56	24.14	76.22
88	BCU5527	DWR	Exotic	2252.00	79.33	36.01	20.33	75.44
89	BCU5566	DWR	Exotic	1386.37	86.17	38.19	17.40	71.55
90	BCU5569	DWR	Exotic	1695.85	83.00	36.45	22.11	69.55
91	BCU5586	DWR	Exotic	1918.72	86.25	34.86	48.90	85.56
92	BCU5587	DWR	Exotic	1241.28	83.67	29.41	16.00	77.55
93	BCU5592	DWR	Exotic	1373.73	84.42	34.47	52.50	79.44
94	BCU5593	DWR	Exotic	1565.04	79.33	35.92	32.50	67.50
95	BCU5594	DWR	Exotic	1564.30	84.33	37.72	17.21	74.50
96	BCU5601	DWR	Exotic	1843.95	76.67	19.99	31.21	83.78
97	BCU5609	DWR	Exotic	1698.37	80.33	32.20	18.86	85.39
98	BCU5613	DWR	Exotic	1235.56	73.33	36.08	18.50	81.33
99	BCU5627	DWR	Exotic	1604.33	83.67	38.90	19.13	78.22
100	BCU5635	DWR	Exotic	1780.05	72.67	34.36	32.10	70.00
101	BCU5637	DWR	Exotic	2195.70	71.33	32.45	29.92	66.44
102	BCU5638	DWR	Exotic	2007.11	74.67	33.01	33.83	55.89

103	BCU5676	DWR	Exotic	1605.33	79.33	32.03	20.29	70.33
104	BCU5687	DWR	Exotic	1629.43	74.67	37.61	22.10	70.11
105	BCU5766	DWR	Exotic	1411.57	83.00	25.60	44.70	71.11
106	BCU5785	DWR	Exotic	1624.89	77.67	36.95	26.75	68.67
107	BCU5863	DWR	Exotic	1279.64	84.17	37.63	22.90	71.33
108	BCU5869	DWR	Exotic	2226.27	83.00	38.30	19.10	75.89
109	BCU5952	DWR	Indigenous	1271.11	81.67	37.69	19.30	76.33
110	BCU5966	DWR	Indigenous	1893.09	77.33	35.17	30.10	68.55
111	BCU6032	DWR	Exotic	2164.15	77.00	31.43	33.83	61.33
112	BCU6031	DWR	Exotic	1721.78	79.67	27.64	18.05	80.89
113	BCU6027	DWR	Exotic	2000.89	75.67	34.09	22.00	80.33
114	BCU6034	DWR	Exotic	1523.95	72.67	38.69	20.50	68.78
115	BCU6038	DWR	Exotic	1842.67	70.33	37.62	23.67	67.22
116	BCU6040	DWR	Exotic	1656.00	76.67	36.71	22.33	68.67
117	BCU6079	DWR	Exotic	1319.41	74.67	38.17	18.50	60.78
118	BCU6080	DWR	Exotic	1589.33	74.33	33.49	20.00	75.33
119	BCU6097	NBPR	Indigenous	1287.41	81.67	28.85	38.92	87.44
120	BCU6125	NBPR	Indigenous	1824.89	79.67	43.32	30.60	80.44
121	BCU1093	BON-MRA(91-92)-94	Exotic	1548.40	72.33	34.89	30.60	69.89
122	BCU5987	DWR	Indigenous	1687.00	79.27	33.43	42.00	76.37
123	K603	Cultivar	Indigenous	2856.64	78.00	38.03	52.00	91.89
124	RD2503	cultivar	Indigenous	2574.25	75.00	37.34	51.24	79.90

(AUDPC-Area Under Disease Progress Curve, DTH-Days to 50% Heading, TKW-1000 Kernel Weight, KS-Number of Kernels/Spike, PHT-Plant Height)