

Supplementary Table S1. Mean weekly meteorological data during the rice-growing season in 2013 and 2014												
Meteorological weeks	Rainfall (mm) (2013)	Rainfall (mm) (2014)	Temperature Max. (°C) (2013)	Temperature Max. (°C) (2014)	Temperature Min. (°C) (2013)	Temperature Min. (°C) (2014)	Sunshine (hours/day) (2013)	Sunshine (hours/day) (2014)	RH mean (%) (2013)	RH mean (%) (2014)	Evaporation (2013) (mm)	Evaporation (2014) (mm)
23	9.8	0.0	39.5	45.1	29.1	26.0	7.4	9.5	62	40	71.8	95.0
24	68.6	8.8	37.0	41.5	23.5	27.0	3.4	6.0	76	60	47.2	76.9
25	68.4	6.0	37.0	41.8	25.9	27.7	6.3	6.0	65	55	43.7	76.3
26	4.2	41.6	37.3	39.0	26.3	26.2	3.4	5.6	71	63	50.7	60.9
27	4.2	0.0	36.0	36.0	26.8	26.4	4.0	3.9	76	46	47.8	43.1
28	173.0	4.6	34.8	40.1	25.0	27.8	5.1	6.3	81	65	35.9	68.0
29	165.4	120.6	33.9	34.4	25.1	25.9	0.8	4.6	87	83	29.7	50.1
30	70.6	23.2	34.1	33.6	25.7	26.0	5.3	3.1	83	83	31.2	40.2
31	54.2	29.8	34.0	35.1	26.3	26.0	4.1	4.9	86	81	30.9	41.2
32	125.8	41.7	31.3	33.8	25.1	26.1	1.5	3.3	92	79	23.9	51.0
33	196.1	0.0	31.7	35.6	24.3	25.7	1.6	6.5	95	71	21.6	48.6
34	145.4	0.0	33.7	38.1	24.7	26.0	5.5	5.8	87	59	29.2	60.4
35	47.0	76.6	34.0	35.3	25.4	24.8	4.6	4.6	77	78	43.7	42.3
36	3.2	89.6	35.1	32.3	24.6	24.3	7.9	3.8	67	82	48.4	33.8
37	3.0	9.3	35.7	33.2	24.0	23.5	7.2	6.0	75	79	35.6	34.0
38	51.1	0.0	34.4	35.2	23.0	24.4	7.2	9.1	77	61	38.9	44.4
39	50.8	0.0	33.2	35.7	24.0	23.4	4.8	9.3	81	56	41.8	44.4
40	0.4	0.0	31.3	36.7	22.9	23.2	5.6	7.9	80	59	30.3	47.1
41	108.6	0.0	31.8	33.9	22.1	20.0	5.6	7.3	81	58	30.5	37.0
42	0.0	0.0	32.2	30.4	18.1	15.5	7.0	7.2	71	61	28.1	29.3
43	0.0	0.0	30.8	32.1	16.1	17.4	3.3	2.8	71	68	20.5	24.2
44	0.0	0.0	29.8	30.8	13.9	15.6	4.6	3.8	69	59	24.6	26.9

Note- rainfall and evaporation data is the sum of the total for each meteorological week; while other values are the average for a particular week

Supplementary Table S2. Mean weekly meteorological data during the wheat growing season in 2013-14 and 2014-15												
Meteorological weeks	Rainfall (mm) (2013-14)	Rainfall (mm) (2014-15)	Temperature Max.(°C) (2013-14)	Temperature Max.(°C) (2014-15)	Temperature Min.(°C) (2013-14)	Temperature Min.(°C) (2014-15)	Sunshine (hours/day) (2013-14)	Sunshine (hours/day) (2014-15)	RH mean (%) (2013-14)	RH mean (%) (2014-15)	Evaporation (mm) (2013-14)	Evaporation (mm) (2014-15)
45	0.4	0.0	25.8	30.4	11.8	15.2	1.8	4.7	78	60	18.7	32.9
46	0.0	0.0	25.9	27.0	7.4	8.0	6.0	6.0	66	61	22.8	26.6
47	0.0	0.0	26.9	27.0	8.4	7.1	5.7	6.6	69	65	19.6	25.9
48	0.0	0.0	27.8	27.9	8.9	10.4	7.4	6.5	64	60	23.0	27.0
49	0.0	0.0	25.7	27.0	7.2	9.0	4.4	7.7	69	68	16.4	24.5
50	0.0	26.4	24.0	21.3	7.5	7.7	5.9	4.1	69	71	17.0	19.4
51	0.0	0.0	19.9	16.0	9.4	5.7	0.4	2.3	87	69	9.7	11.2
52	1.9	0.0	18.9	16.3	4.7	3.4	4.9	2.8	76	66.0	16.5	12.8
1	0.0	18.6	17.7	17.9	4.8	8.7	2.1	1.8	77	80	13.4	12.6
2	0.0	1.4	19.6	15.1	4.3	5.2	2.8	1.3	76	73	14.3	15.4
3	5.8	0.0	17.7	18.5	8.5	5.3	2.0	2.9	89	61	11.4	11.9
4	12.8	15.4	18.1	16.1	9.1	9.1	1.9	1.1	86	85	12.6	10.3
5	0.0	0.0	21.6	20.0	7.8	7.6	2.6	5.4	79	71	15.6	15.9
6	1.6	0.0	21.7	22.6	7.8	6.7	4.3	7.1	76	66	21.6	17.2
7	53.0	0.0	19.0	24.7	6.1	10.1	5.4	5.3	82	72	14.5	22.1
8	0.0	0.0	23.5	27.4	7.2	15.1	4.5	3.4	81	75	16.5	31.0
9	47.6	135.4	24.0	23.7	9.8	11.7	4.1	3.8	81	74	19.9	18.9
10	3.9	45.0	23.9	24.1	11.1	9.6	6.4	7.2	73	71	29.4	27.6
11	7.8	0.0	27.8	25.5	12.1	12.9	8.3	4.9	68	54	27.4	27.3
12	4.4	0.0	28.8	29.7	13.8	13.5	7.0	9.6	67	39	24.9	42.0
13	8.4	21.0	30.9	32.9	16.3	17.8	5.6	6.6	60	46	31.1	32.2
14	0.0	45.4	33.8	30.2	17.1	17.0	8.8	6.5	59	45	41.5	31.5
15	0.0	0.0	24.0	31.9	20.4	17.7	8.9	7.2	58	46	46.7	35.0

Note- rainfall and evaporation data is sum of the total for each meteorological week; while other values are the average for a particular week