

2025-26 Cropping Season

AVT-Malt Barley

Thousand Grain Weight

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		41.1	39.8	41.4	32.7	50.7	40.2	41.0
2	AVT-MB-NWPZ-2		51.5	51.2	46.9	40.8	53.9	49.2	48.9
3	AVT-MB-NWPZ-3		46.7	44.8	45.4	43.2	50.4	44.4	45.8
4	AVT-MB-NWPZ-4		50.9	48.6	46.4	44.4	52.7	48.2	48.5
5	AVT-MB-NWPZ-5		46.6	43.7	38.1*	41.4	50.4	43.1	43.9
6	VT-MB-NWPZ-6		50.3	51.4	44.0	44.3	57.1	47.2	49.0
	Average		47.8	46.6	43.7	41.1	52.5	45.4	46.2

*Under review for retesting

Hectoliter weight

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		66.9	62.6	60.8	57.0	67.1	59.5	62.3
2	AVT-MB-NWPZ-2		70.1	65.9	61.7	62.3	64.5	61.3	64.3
3	AVT-MB-NWPZ-3		71.5	65.8	65.5	64.1	70.1	65.5	67.1
4	AVT-MB-NWPZ-4		69.3	67.0	61.7	60.7	66.5	59.7	64.1
5	AVT-MB-NWPZ-5		71.4	69.2	63.8	65.1	67.3	62.5	66.6
6	AVT-MB-NWPZ-6		68.6	65.6	63.3	63.1	66.9	61.7	64.9
	Average		69.6	66.0	62.8	62.0	67.1	61.7	64.9

Bold grain Percentage

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		73.1	65.9	80.5	60.8	97.0	84.1	76.9
2	AVT-MB-NWPZ-2		96.8	97.1	89.2	94.0	99.6	96.4	95.5
3	AVT-MB-NWPZ-3		82.9	73.0	76.4	78.2	92.5	88.7	81.9
4	AVT-MB-NWPZ-4		96.7	97.2	89.9	94.7	99.1	94.1	95.3
5	AVT-MB-NWPZ-5		83.1	78.7	69.0	77.8	87.1	80.2	79.3
6	AVT-MB-NWPZ-6		92.1	92.4	77.8	87.0	98.1	88.0	89.2
	Average		87.5	84.0	80.5	82.1	95.6	88.6	86.4

Thin Grain Percentage

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		4.54	9.92	6.25	12.25	0.25	2.97	6.0
2	AVT-MB-NWPZ-2		0.21	0.58	2.44	0.7	0.19	0.38	0.8
3	AVT-MB-NWPZ-3		0.75	6.26	5.51	3.59	0.51	0.53	2.9
4	AVT-MB-NWPZ-4		0.08	0.44	2.61	0.76	0.2	0.59	0.8
5	AVT-MB-NWPZ-5		0.83	4.63	11.67	2.91	1.13	2.04	3.9
6	AVT-MB-NWPZ-6		0.76	0.72	5.22	2.48	0.26	1.5	1.8
	Average		1.2	3.8	5.6	3.8	0.4	1.3	2.7

Protein Content (%)

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		11.29	13.58	15.04	14.47	9.76	12.22	12.7
2	AVT-MB-NWPZ-2		10.51	13.23	14.94	9.93	10.3	11.73	11.8
3	AVT-MB-NWPZ-3		10.32	14.94	13.8	11.95	10.25	10.92	12.0
4	AVT-MB-NWPZ-4		10.87	12.31	14.18	9.53	9.99	12.21	11.5
5	AVT-MB-NWPZ-5		10.05	14.23	14.01	10.5	10.46	11.27	11.8
6	VT-MB-NWPZ-6		10.59	12.73	15.12	11.85	10.09	12.37	12.1
	Average		10.6	13.5	14.5	11.4	10.1	11.8	12.0

Husk Content (%)

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		10.7	12.0	12.4	10.3	10.7	12.1	11.4
2	AVT-MB-NWPZ-2		9.9	10.4	12.0	9.4	10.0	10.2	10.3
3	AVT-MB-NWPZ-3		10.0	10.1	11.4	9.0	8.9	10.6	10.0
4	AVT-MB-NWPZ-4		9.9	10.5	12.1	9.5	10.0	12.6	10.8
5	AVT-MB-NWPZ-5		10.1	10.1	12.0	8.8	9.8	11.8	10.4
6	AVT-MB-NWPZ-6		11.4	9.8	12.0	9.4	10.7	12.2	10.9
	Average		10.4	10.5	12.0	9.4	10.0	11.6	10.6

Moisture Content (%)

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		8.5	9.5	9.6	9.4	9.0	8.5	9.1
2	AVT-MB-NWPZ-2		8.8	9.0	11.2	9.1	8.8	9.7	9.4
3	AVT-MB-NWPZ-3		8.6	9.1	9.3	9.0	8.8	8.7	8.9
4	AVT-MB-NWPZ-4		8.7	9.1	9.2	8.9	8.8	8.6	8.9
5	AVT-MB-NWPZ-5		8.5	9.1	10.2	8.9	8.8	8.7	9.0
6	AVT-MB-NWPZ-6		9.0	9.3	9.3	9.1	8.7	8.7	9.0
	Average		8.7	9.2	9.8	9.1	8.8	8.8	9.1

Starch Content (%)

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	AVT-MB-NWPZ-1		63.7	61.7	60.3	60.2	63.8	61.5	61.9
2	AVT-MB-NWPZ-2		64.4	62.3	60.2	63.4	63.0	60.8	62.3
3	AVT-MB-NWPZ-3		64.8	61.5	61.6	62.6	63.9	62.1	62.8
4	AVT-MB-NWPZ-4		64.0	62.7	61.4	63.2	63.6	61.0	62.6
5	AVT-MB-NWPZ-5		65.0	62.0	60.5	63.7	63.3	61.6	62.7
6	AVT-MB-NWPZ-6		63.7	62.2	61.1	62.3	62.8	61.3	62.2
	Average		64.3	62.1	60.8	62.6	63.4	61.4	62.4

IVT-Malt Barley

Thousand Grain Weight (g)

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		45.0	42.3	32.7	38.0	51.0	40.3	41.6
2	IVT-MB-TS-2		46.6	42.0	45.1	42.3	49.3	43.2	44.8
3	IVT-MB-TS-3		48.2	38.5	40.7	36.1	48.2	41.9	42.3
4	IVT-MB-TS-4		54.0	51.1	45.9	50.0	58.2	49.9	51.5
5	IVT-MB-TS-5		48.4	46.7	47.0	45.9	55.2	46.5	48.3
6	IVT-MB-TS-6		53.8	48.9	47.4	41.1	56.3	47.3	49.1
7	IVT-MB-TS-7		52.8	46.3	46.8	45.9	54.3	46.8	48.8
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		48.5	48.5	44.3	39.1	53.2	45.6	46.5
10	IVT-MB-TS-10		54.4	49.9	44.3	43.7	59.7	52.8	50.8
11	IVT-MB-TS-11		55.0	45.7	45.1	41.4	58.0	48.9	49.0
12	IVT-MB-TS-12		54.3	46.7	42.5	47.0	58.3	46.7	49.3
13	IVT-MB-TS-13		42.7	40.8	38.1	35.4	41.5	35.4	39.0
14	IVT-MB-TS-14		53.6	49.2	44.8	45.6	56.1	46.7	49.3
15	IVT-MB-TS-15		54.7	50.6	46.7	42.7	53.3	49.2	49.5
16	IVT-MB-TS-16		58.7	51.6	54.5	52.9	61.4	50.5	54.9
17	IVT-MB-TS-17		45.1	40.8	40.2	36.0	41.5	37.5	40.2
18	IVT-MB-TS-18		44.9	35.8	30.2	32.1	45.8	37.5	37.7
19	IVT-MB-TS-19		44.8	39.9	37.8	34.9	49.5	39.7	41.1
20	IVT-MB-TS-20		44.8	43.0	45.7	46.0	49.3	40.3	44.9
21	IVT-MB-TS-21		62.8	52.1	48.1	52.8	66.3	56.7	56.5
22	IVT-MB-TS-22		46.9	46.1	40.7	42.5	47.6	38.5	43.7
23	IVT-MB-TS-23		50.1	46.2	46.0	43.8	66.3	44.6	49.5
24	IVT-MB-TS-24		47.6	48.1	42.0	43.0	51.2	44.4	46.1
25	IVT-MB-TS-25		52.5	49.4	43.9	47.9	58.7	48.3	50.1
	Average		50.4	45.8	43.4	42.8	53.8	45.0	46.9

Hectoliter Weight

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		67.9	64.51	58.34	61.3	65.09	60.31	62.9
2	IVT-MB-TS-2		67.01	62.28	60.86	59.4	62.61	61.57	62.3
3	IVT-MB-TS-3		70.45	64.21	65.59	63.25	68.54	66.2	66.4
4	IVT-MB-TS-4		69.56	65.37	63.55	62.07	65.41	63.34	64.9
5	IVT-MB-TS-5		69.57	66.9	70.47	63.86	67.57	65.78	67.4
6	IVT-MB-TS-6		67.76	65.47	62.75	58.24	65.62	62.79	63.8
7	IVT-MB-TS-7		69.73	65.75	64.12	60.11	67.22	65.07	65.3
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		69.26	65.02	65.48	63.24	66.62	62.99	65.4
10	IVT-MB-TS-10		68.23	65.46	62.8	57.82	64.62	60.69	63.3
11	IVT-MB-TS-11		69.66	62.08	61.3	56.32	66.89	61.17	62.9
12	IVT-MB-TS-12		66.62	64.7	62.96	60.79	63.92	62.57	63.6
13	IVT-MB-TS-13		68.49	65.46	63.36	57.22	65.49	62.76	63.8
14	IVT-MB-TS-14		69.4	64.31	67.68	62.25	65.23	64.46	65.6
15	IVT-MB-TS-15		70.5	66.3	62.26	57.2	61.51	63.63	63.6
16	IVT-MB-TS-16		67.76	60.87	61.77	58.33	64.07	59.31	62.0
17	IVT-MB-TS-17		67.06	65.27	61.41	55.52	60.11	60.3	61.6
18	IVT-MB-TS-18		69.25	63.6	60.84	59.36	68.34	61.75	63.9
19	IVT-MB-TS-19		67.27	62.87	60.3	58.13	65.96	61.38	62.7
20	IVT-MB-TS-20		68.76	63.77	62.79	64.97	66.93	62.42	64.9
21	IVT-MB-TS-21		67.58	63.53	62.46	61.74	67.46	61.61	64.1
22	IVT-MB-TS-22		77.09	67.81	63.36	62.98	68.94	62.24	67.1
23	IVT-MB-TS-23		69.93	68.14	65.78	62.39	68.9	61.21	66.1
24	IVT-MB-TS-24		64.97	62.61	60.15	56.28	62	60.31	61.1
25	IVT-MB-TS-25		67.61	65.35	62.02	60.91	67.43	62.91	64.4
	Average		68.8	64.7	63.0	60.2	65.7	62.4	64.1

Bold Grain %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		90.7	86.5	65.8	79.0	97.7	86.6	84.4
2	IVT-MB-TS-2		66.9	55.5	70.5	68.8	80.6	69.4	68.6
3	IVT-MB-TS-3		83.2	46.4	66.5	59.7	86.1	68.2	68.3
4	IVT-MB-TS-4		96.2	94.3	80.5	94.7	98.3	95.2	93.2
5	IVT-MB-TS-5		84.7	88.0	85.2	84.7	96.4	91.2	88.4
6	IVT-MB-TS-6		98.3	95.7	93.4	87.4	99.3	96.7	95.1
7	IVT-MB-TS-7		94.0	78.8	88.8	84.7	97.4	90.0	89.0
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		89.2	92.7	79.5	79.0	97.3	90.4	88.0
10	IVT-MB-TS-10		92.2	89.2	73.0	76.6	97.6	92.5	86.9
11	IVT-MB-TS-11		72.3	78.9	65.3	57.9	89.4	79.7	73.9
12	IVT-MB-TS-12		98.5	94.1	81.8	93.2	99.2	93.8	93.4
13	IVT-MB-TS-13		40.8	41.8	36.2	34.7	34.8	33.5	37.0
14	IVT-MB-TS-14		96.3	93.4	78.7	86.7	97.6	88.6	90.2
15	IVT-MB-TS-15		95.4	94.0	84.0	85.8	98.8	92.8	91.8
16	IVT-MB-TS-16		96.3	94.2	89.8	93.4	97.9	95.4	94.5
17	IVT-MB-TS-17		65.8	63.0	59.7	50.7	63.5	63.4	61.0
18	IVT-MB-TS-18		80.5	45.8	44.2	57.6	87.7	69.5	64.2
19	IVT-MB-TS-19		91.6	71.1	64.9	56.8	93.1	80.3	76.3
20	IVT-MB-TS-20		72.5	87.7	79.6	93.2	93.7	94.4	86.8
21	IVT-MB-TS-21		97.0	92.6	87.7	94.7	98.7	97.7	94.7
22	IVT-MB-TS-22		88.5	88.9	67.9	86.9	92.6	87.0	85.3
23	IVT-MB-TS-23		90.1	88.3	86.0	86.2	95.2	88.1	89.0
24	IVT-MB-TS-24		94.9	95.3	81.5	85.2	99.0	95.2	91.8
25	IVT-MB-TS-25		92.4	94.0	82.8	92.2	97.3	92.0	91.8
	Average		86.2	81.3	74.7	77.9	91.2	84.6	82.7

Thin Grain %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		0.3	2.4	14.6	5.5	0.3	2.3	4.2
2	IVT-MB-TS-2		1.8	11.2	7.6	6.3	1.6	4.6	5.5
3	IVT-MB-TS-3		0.8	13.1	8.7	10.0	1.1	5.8	6.6
4	IVT-MB-TS-4		0.2	0.6	5.8	0.7	0.3	1.1	1.4
5	IVT-MB-TS-5		0.3	1.4	1.9	2.4	0.2	0.9	1.2
6	IVT-MB-TS-6		0.0	0.8	1.0	2.0	0.1	0.9	0.8
7	IVT-MB-TS-7		0.2	4.2	1.7	2.7	0.1	1.5	1.8
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		0.3	0.8	3.6	2.9	0.3	2.3	1.7
10	IVT-MB-TS-10		0.2	1.2	8.2	4.1	0.1	1.0	2.4
11	IVT-MB-TS-11		1.0	3.4	11.0	9.6	0.7	3.0	4.8
12	IVT-MB-TS-12		0.4	0.9	2.9	0.7	0.2	1.1	1.0
13	IVT-MB-TS-13		3.7	9.1	13.0	17.1	9.4	10.2	10.4
14	IVT-MB-TS-14		0.8	0.7	3.2	1.3	0.2	0.8	1.2
15	IVT-MB-TS-15		0.1	0.5	3.7	1.5	0.2	0.8	1.1
16	IVT-MB-TS-16		0.2	1.0	1.4	1.3	0.2	0.7	0.8
17	IVT-MB-TS-17		0.9	6.7	11.1	11.1	6.8	6.1	7.1
18	IVT-MB-TS-18		0.5	12.6	24.1	12.2	1.5	8.5	9.9
19	IVT-MB-TS-19		0.2	6.9	12.5	11.5	0.3	3.1	5.7
20	IVT-MB-TS-20		0.5	1.5	3.9	0.8	0.3	0.8	1.3
21	IVT-MB-TS-21		0.0	1.3	2.9	0.8	0.2	0.4	1.0
22	IVT-MB-TS-22		0.7	1.0	7.1	1.6	0.4	1.8	2.1
23	IVT-MB-TS-23		0.1	1.1	2.0	1.7	0.3	1.9	1.2
24	IVT-MB-TS-24		0.2	0.6	4.2	2.5	0.2	0.4	1.3
25	IVT-MB-TS-25		0.3	0.7	6.3	1.4	0.3	1.6	1.8
	Average		0.6	3.5	6.8	4.7	1.1	2.6	3.2

Protein %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		8.3	10.6	14.7	12.4	10.7	11.3	11.3
2	IVT-MB-TS-2		9.9	12.5	14.2	11.9	11.9	11.5	12.0
3	IVT-MB-TS-3		9.8	13.0	14.2	11.5	11.1	10.8	11.7
4	IVT-MB-TS-4		9.4	12.7	15.4	10.5	11.3	12.8	12.0
5	IVT-MB-TS-5		9.3	13.4	14.0	13.3	11.5	11.8	12.2
6	IVT-MB-TS-6		9.6	12.1	13.6	10.9	12.1	11.1	11.6
7	IVT-MB-TS-7		9.5	12.5	13.9	11.3	10.5	11.7	11.6
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		8.1	12.5	13.3	11.1	10.4	11.7	11.2
10	IVT-MB-TS-10		8.9	12.4	14.5	11.3	10.6	12.5	11.7
11	IVT-MB-TS-11		8.4	11.4	14.9	12.9	10.6	9.7	11.3
12	IVT-MB-TS-12		9.5	12.2	15.4	11.7	11.0	11.8	11.9
13	IVT-MB-TS-13		9.5	12.2	13.5	13.4	11.0	11.4	11.8
14	IVT-MB-TS-14		11.2	13.6	14.5	11.2	13.1	12.6	12.7
15	IVT-MB-TS-15		9.1	12.3	13.1	12.0	10.6	12.2	11.5
16	IVT-MB-TS-16		9.1	11.2	14.7	10.2	11.7	11.9	11.5
17	IVT-MB-TS-17		9.9	13.0	16.1	12.6	12.9	12.8	12.9
18	IVT-MB-TS-18		9.0	11.9	16.3	12.4	10.6	12.6	12.1
19	IVT-MB-TS-19		8.9	13.5	16.2	15.0	11.1	11.9	12.8
20	IVT-MB-TS-20		9.8	13.4	14.4	12.4	11.7	14.0	12.6
21	IVT-MB-TS-21		10.2	12.8	14.9	11.5	11.6	11.8	12.1
22	IVT-MB-TS-22		10.5	13.4	15.1	11.8	11.3	12.1	12.4
23	IVT-MB-TS-23		10.4	13.0	13.7	11.0	10.6	13.0	11.9
24	IVT-MB-TS-24		10.7	13.8	16.6	13.0	13.1	13.7	13.5
25	IVT-MB-TS-25		10.7	12.6	13.1	11.8	12.2	13.7	13.0
	Average		9.6	12.6	14.6	12.0	11.4	12.1	12.1

Husk %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		11.1	10.0	12.5	9.0	11.9	11.0	10.9
2	IVT-MB-TS-2		11.5	10.8	11.8	9.7	11.9	11.3	11.2
3	IVT-MB-TS-3		8.7	7.6	9.0	7.9	8.0	13.6	9.1
4	IVT-MB-TS-4		11.8	9.8	10.9	9.9	10.5	12.5	10.9
5	IVT-MB-TS-5		10.0	9.7	10.5	8.6	9.4	11.5	9.9
6	IVT-MB-TS-6		10.8	10.1	11.6	10.0	9.5	13.1	10.8
7	IVT-MB-TS-7		12.4	9.6	11.6	10.1	9.8	11.1	10.8
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		10.4	9.4	11.6	9.9	9.8	12.1	10.5
10	IVT-MB-TS-10		9.9	11.2	11.4	10.6	10.6	10.6	10.7
11	IVT-MB-TS-11		9.8	11.0	13.1	10.5	9.6	11.6	10.9
12	IVT-MB-TS-12		10.2	9.8	11.3	9.5	10.4	12.2	10.6
13	IVT-MB-TS-13		11.0	10.5	11.8	10.3	10.6	13.9	11.4
14	IVT-MB-TS-14		8.5	9.2	9.4	8.8	8.3	11.6	9.3
15	IVT-MB-TS-15		11.0	9.5	12.0	10.2	9.4	11.6	10.6
16	IVT-MB-TS-16		10.6	10.1	10.4	9.7	9.3	10.6	10.1
17	IVT-MB-TS-17		11.0	9.6	11.3	10.2	10.6	10.7	10.6
18	IVT-MB-TS-18		9.2	8.9	10.8	9.4	8.2	13.5	10.0
19	IVT-MB-TS-19		10.2	10.7	11.7	8.4	10.7	11.1	10.5
20	IVT-MB-TS-20		8.5	9.9	10.8	8.5	9.9	10.7	9.7
21	IVT-MB-TS-21		9.8	11.2	10.4	9.3	7.7	11.8	10.0
22	IVT-MB-TS-22		8.5	8.1	9.8	8.9	10.5	12.7	9.7
23	IVT-MB-TS-23		10.0	11.9	10.1	8.9	9.5	12.2	10.4
24	IVT-MB-TS-24		11.2	9.2	12.6	9.9	11.9	10.7	10.9
25	IVT-MB-TS-25		10.0	10.5	11.3	6.7	10.1	13.4	10.3
	Average		10.3	9.9	11.1	9.4	9.9	11.9	10.4

Moisture %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		8.3	9.0	9.4	9.4	8.9	8.7	8.9
2	IVT-MB-TS-2		8.5	8.3	9.1	9.1	8.7	9.2	8.8
3	IVT-MB-TS-3		8.6	8.4	9.5	9.3	8.8	8.7	8.9
4	IVT-MB-TS-4		8.0	8.8	9.2	9.2	8.9	9.5	8.9
5	IVT-MB-TS-5		8.4	8.7	8.9	9.2	8.6	9.4	8.8
6	IVT-MB-TS-6		8.5	8.6	8.9	9.2	8.6	9.5	8.9
7	IVT-MB-TS-7		8.0	8.4	8.8	9.1	8.6	8.8	8.6
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		8.1	8.6	9.2	9.5	8.7	9.2	8.9
10	IVT-MB-TS-10		9.0	8.6	9.5	9.5	9.0	9.2	9.1
11	IVT-MB-TS-11		8.2	8.6	9.1	9.1	8.7	8.8	8.8
12	IVT-MB-TS-12		8.4	8.8	9.1	9.3	8.8	9.6	9.0
13	IVT-MB-TS-13		8.5	8.8	9.2	9.1	8.8	9.0	8.9
14	IVT-MB-TS-14		8.6	9.1	9.2	9.2	8.7	9.2	9.0
15	IVT-MB-TS-15		8.6	8.8	9.9	9.1	8.7	9.6	9.1
16	IVT-MB-TS-16		7.9	9.0	9.2	9.4	8.7	10.1	9.1
17	IVT-MB-TS-17		8.7	8.8	8.8	9.1	8.6	8.6	8.8
18	IVT-MB-TS-18		8.7	8.7	9.0	9.6	8.9	8.9	8.9
19	IVT-MB-TS-19		8.2	8.6	8.8	9.3	8.4	10.2	8.9
20	IVT-MB-TS-20		8.4	8.9	9.2	9.3	8.6	9.4	9.0
21	IVT-MB-TS-21		8.8	9.0	9.6	9.9	8.9	9.5	9.3
22	IVT-MB-TS-22		9.0	8.5	9.5	9.3	8.8	9.2	9.0
23	IVT-MB-TS-23		8.3	8.6	8.9	9.4	8.6	9.0	8.8
24	IVT-MB-TS-24		8.3	8.8	9.1	9.4	8.5	8.7	8.8
25	IVT-MB-TS-25		8.4	8.8	9.0	9.1	8.6	8.7	8.8
	Average		8.4	8.7	9.2	9.3	8.7	9.2	8.9

Starch %

S.N	Code	Genotype	Durgapura	Ganganagar	Karnal	Ludhiana	Tabiji	Hisar	Mean
1	IVT-MB-TS-1		66.3	63.3	61.2	62.6	63.5	62.6	63.2
2	IVT-MB-TS-2		65.3	63.0	61.8	62.3	62.4	62.0	62.8
3	IVT-MB-TS-3		64.7	63.2	61.9	63.4	63.6	63.5	63.4
4	IVT-MB-TS-4		64.5	62.0	60.8	62.5	62.0	60.9	62.1
5	IVT-MB-TS-5		65.3	62.2	62.4	61.9	63.0	61.6	62.7
6	IVT-MB-TS-6		64.2	62.8	61.8	62.4	61.9	61.2	62.4
7	IVT-MB-TS-7		65.4	62.8	61.9	62.5	63.4	61.4	62.9
8	IVT-MB-TS-8		NG	NG	NG	NG	NG	NG	NG
9	IVT-MB-TS-9		65.4	62.4	62.1	62.6	62.9	61.4	62.8
10	IVT-MB-TS-10		65.1	62.7	61.2	62.3	63.0	61.4	62.6
11	IVT-MB-TS-11		65.5	62.7	60.9	61.2	62.9	62.1	62.5
12	IVT-MB-TS-12		64.9	63.6	61.4	62.7	63.3	61.4	62.9
13	IVT-MB-TS-13		64.5	62.6	61.6	61.5	63.0	61.7	62.5
14	IVT-MB-TS-14		63.9	61.7	62.0	62.7	62.1	61.4	62.3
15	IVT-MB-TS-15		65.7	62.5	61.0	61.7	62.2	60.7	62.3
16	IVT-MB-TS-16		65.1	61.6	61.5	62.6	62.6	60.9	62.4
17	IVT-MB-TS-17		65.2	62.7	61.3	61.8	61.8	61.7	62.4
18	IVT-MB-TS-18		65.5	63.7	61.1	62.4	64.4	62.6	63.3
19	IVT-MB-TS-19		65.7	62.5	61.1	61.2	63.1	61.1	62.4
20	IVT-MB-TS-20		65.1	61.7	61.4	62.1	62.9	60.6	62.3
21	IVT-MB-TS-21		63.2	61.3	60.9	61.5	62.4	61.1	61.7
22	IVT-MB-TS-22		64.7	62.7	61.3	63.1	64.1	61.8	63.0
23	IVT-MB-TS-23		64.7	62.5	61.7	63.0	63.9	61.0	62.8
24	IVT-MB-TS-24		64.2	61.7	60.7	61.4	62.1	61.1	61.9
25	IVT-MB-TS-25		64.9	63.2	61.0	62.8	63.3	61.9	62.8
	Average		65.0	62.5	61.4	62.3	62.9	61.5	62.6

AVT-NB-NWPZ**Thousand Grain Weight**

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		34.3	37.9	27.6	36.7	34.1	33.6	34.0
2	AVT-NB-NWPZ-2		32.9	36.3	29.0	35.8	31.1	28.4	32.3
3	AVT-NB-NWPZ-3		36.4	35.0	31.8	36.4	32.3	29.1	33.5
4	AVT-NB-NWPZ-4		32.7	33.5	34.9	38.0	34.4	30.1	34.0
5	AVT-NB-NWPZ-5		46.8	41.7	41.0	47.2	43.1	38.7	43.1
6	AVT-NB-NWPZ-6		36.8	36.7	35.9	41.8	36.5	29.7	36.2
7	AVT-NB-NWPZ-7		28.0	43.7	35.7	46.0	44.0	36.5	39.0
8	AVT-NB-NWPZ-8		31.2	33.8	34.9	37.3	34.9	26.2	33.0
Avg			34.9	37.3	33.9	39.9	36.3	31.5	35.6

Protein %

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean NWPZ
1	AVT-NB-NWPZ-1		13.8	11.2	12.9	11.6	11.8	13.0	12.4
2	AVT-NB-NWPZ-2		12.5	9.8	13.2	11.2	11.1	11.3	11.5
3	AVT-NB-NWPZ-3		15.8	10.9	14.6	11.9	12.2	11.7	12.8
4	AVT-NB-NWPZ-4		13.3	11.1	13.1	12.7	12.1	11.4	12.3
5	AVT-NB-NWPZ-5		14.1	11.4	14.3	12.2	12.5	12.0	12.7
6	AVT-NB-NWPZ-6		12.9	9.9	13.3	11.1	12.7	12.8	12.1
7	AVT-NB-NWPZ-7		14.3	10.2	13.4	11.4	11.8	11.8	12.1
8	AVT-NB-NWPZ-8		13.4	9.8	13.5	11.4	10.4	13.5	12.0
Avg			13.8	10.5	13.5	11.7	11.8	12.2	12.2

Hectoliter weight

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		76.2	79.2	79.8	53.9	62.9	71.9	70.6
2	AVT-NB-NWPZ-2		78.2	79.8	79.3	50.8	62.5	74.0	70.8
3	AVT-NB-NWPZ-3		73.7	79.8	80.2	75.6	63.0	75.3	74.6
4	AVT-NB-NWPZ-4		74.3	79.0	63.5	59.5	57.3	70.0	67.2
5	AVT-NB-NWPZ-5		74.6	77.2	77.9	49.9	69.9	75.8	70.9
6	AVT-NB-NWPZ-6		75.4	78.8	61.9	47.6*	45.9*	63.7	62.2
7	AVT-NB-NWPZ-7		72.1	79.9	81.1	57.2	63.5	68.6	70.4
8	AVT-NB-NWPZ-8		76.0	80.7	69.6	56.2	51.1	54.1	64.6
Avg			75.0	79.3	74.2	56.3	59.5	69.2	68.9

Under review for retesting*Bold Grain %**

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		15.2	24.5	3.4	52.6	32.6	13.2	23.6
2	AVT-NB-NWPZ-2		24.5	28.8	6.3	65.6	29.2	15.0	28.3
3	AVT-NB-NWPZ-3		62.4	42.4	19.6	48.4	36.0	26.4	39.2
4	AVT-NB-NWPZ-4		27.9	26.7	37.5	69.1	53.6	31.3	41.0
5	AVT-NB-NWPZ-5		61.5	29.1	14.5	83.0	43.9	37.2	44.9
6	AVT-NB-NWPZ-6		57.4	26.0	51.0	87.9	64.5	37.6	54.1
7	AVT-NB-NWPZ-7		19.8*	59.7	21.8*	86.8	80.7	45.5	52.4
8	AVT-NB-NWPZ-8		22.3	40.4	27.9	68.1	53.2	24.9	39.4
Avg			36.4	34.7	22.7	70.2	49.2	28.9	40.3

***Under review for retesting**

Thin grain %

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		17.7	9.2	54.0	5.8	18.2	30.0	22.5
2	AVT-NB-NWPZ-2		22.8	9.1	56.5	6.9	26.4	32.8	25.7
3	AVT-NB-NWPZ-3		7.4	5.1	26.4	7.0	17.5	27.0	15.1
4	AVT-NB-NWPZ-4		15.0	10.1	16.0	3.4	7.7	15.9	11.4
5	AVT-NB-NWPZ-5		4.7	10.7	23.1	2.3	6.5	10.1	9.6
6	AVT-NB-NWPZ-6		8.0	7.2	10.0	1.5	7.5	15.9	8.3
7	AVT-NB-NWPZ-7		37.9*	1.3	22.0*	2.4	2.0	11.6	12.9
8	AVT-NB-NWPZ-8		16.7	6.5	22.5	6.1	9.2	29.0	15.0
Avg			16.3	7.4	28.8	4.4	11.9	21.5	15.1

*Under review for retesting

Moisture %

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		9.8	8.9	8.7	9.0	8.6	9.0	9.0
2	AVT-NB-NWPZ-2		9.8	8.8	8.8	9.0	8.4	9.2	9.0
3	AVT-NB-NWPZ-3		9.6	8.8	8.6	8.7	8.5	8.7	8.8
4	AVT-NB-NWPZ-4		10.0	8.7	8.8	8.8	10.7	9.0	9.3
5	AVT-NB-NWPZ-5		10.0	8.7	8.9	9.0	8.7	9.2	9.1
6	AVT-NB-NWPZ-6		9.9	8.9	8.9	9.0	8.7	9.1	9.1
7	AVT-NB-NWPZ-7		10.0	9.0	8.8	8.9	9.2	9.1	9.2
8	AVT-NB-NWPZ-8		9.9	9.1	8.8	9.0	9.6	9.1	9.2
Avg			9.9	8.8	8.8	8.9	9.1	9.0	9.1

Starch %

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar	Ludhiana	Mean
1	AVT-NB-NWPZ-1		64.6	66.7	65.7	62.5	62.3	63.9	64.3
2	AVT-NB-NWPZ-2		64.3	67.1	64.5	61.3	63.2	65.5	64.3
3	AVT-NB-NWPZ-3		63.2	67.2	64.8	65.2	62.7	63.1	64.4
4	AVT-NB-NWPZ-4		65.0	67.2	63.5	63.2	61.9	61.6	63.7
5	AVT-NB-NWPZ-5		62.7	65.6	63.5	61.4	63.4	65.0	63.6
6	AVT-NB-NWPZ-6		64.7	67.5	62.4	61.1	60.5	62.7	63.2
7	AVT-NB-NWPZ-7		62.5	67.2	64.5	62.2	62.4	63.9	63.8
8	AVT-NB-NWPZ-8		64.6	67.4	63.1	62.0	61.1	61.2	63.2
Avg			63.9	67.0	64.0	62.4	62.2	63.3	63.8

Fe (ppm)

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar*	Ludhiana	Mean
1	AVT-NB-NWPZ-1		44.5	42.8	36.6	41.8	68.4	37.4	40.6
2	AVT-NB-NWPZ-2		37.2	32.0	36.7	39.0	59.2	33.2	35.6
3	AVT-NB-NWPZ-3		55.9	32.4	36.5	45.3	72.5	36.1	41.2
4	AVT-NB-NWPZ-4		40.1	30.8	33.3	41.4	52.2	30.7	35.3
5	AVT-NB-NWPZ-5		53.3	34.1	38.4	46.5	66.6	40.7	42.6
6	AVT-NB-NWPZ-6		42.0	33.0	35.2	39.1	64.3	40.0	37.9
7	AVT-NB-NWPZ-7		39.9	31.6	34.5	45.3	53.3	35.6	37.4
8	AVT-NB-NWPZ-8		41.8	28.7	35.8	39.5	39.9	38.7	36.9
Avg			44.3	33.2	35.9	42.2	59.6	36.6	38.4

*Not included in Zonal Mean

Zn (ppm)

SR.NO	Code	Genotype	KARNAL	DURGAPUR	Ganganagar	Tabiji	Hisar*	Ludhiana	Mean
1	AVT-NB-NWPZ-1		35.0	32.6	30.9	28.6	37.8	36.8	32.8
2	AVT-NB-NWPZ-2		32.7	31.6	35.1	25.6	39.3	30.1	31.0
3	AVT-NB-NWPZ-3		48.2	34.3	37.2	34.2	48.7	40.1	38.8
4	AVT-NB-NWPZ-4		30.0	29.1	27.1	26.4	36.9	25.5	27.6
5	AVT-NB-NWPZ-5		49.0	32.9	39.2	26.5	52.3	35.0	36.5
6	AVT-NB-NWPZ-6		34.1	24.7	33.6	22.9	47.3	31.1	29.3
7	AVT-NB-NWPZ-7		35.2	30.0	34.8	25.6	41.3	31.4	31.4
8	AVT-NB-NWPZ-8		30.5	20.6	32.1	25.1	30.5	25.5	26.8
Avg			36.8	29.5	33.8	26.9	41.8	31.9	31.8

*Not included in Zonal Mean

AVT-NB-NEPZ**Thousand Grain Weight**

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		36.9	34.2	37.7	37.0	35.9	35.5	36.2
2	AVT-NB-NEPZ-2		34.7	34.6	34.7	34.4	34.9	30.0	33.9
3	AVT-NB-NEPZ-3		43.2	39.9	43.0	42.5	39.0	41.6	41.5
4	AVT-NB-NEPZ-4		41.0	32.0	38.3	37.8	33.2	36.7	36.5
5	AVT-NB-NEPZ-5		37.8	37.4	37.7	35.8	35.7	30.6	35.8
6	AVT-NB-NEPZ-6		36.3	33.4	41.9	38.9	38.7	36.2	37.6
7	AVT-NB-NEPZ-7		36.9	38.6	36.6	35.7	34.9	33.6	36.1
8	AVT-NB-NEPZ-8		34.8	38.8	38.4	35.9	34.8	32.9	35.9
9	AVT-NB-NEPZ-9		31.3	31.1	34.1	34.2	31.2	33.3	32.5
10	AVT-NB-NEPZ-10		36.8	35.1	33.4	35.4	32.5	30.2	33.9
Avg			37.0	35.5	37.6	36.8	35.1	34.1	36.0

Protein %

SR.NO	Code	Genotype	KANPUR	RANCHI*	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		11.6	18.3	11.0	11.0	10.2	10.7	12.1
2	AVT-NB-NEPZ-2		12.9	17.6	13.4	11.7	11.8	10.9	13.1
3	AVT-NB-NEPZ-3		13.5	15.4	11.6	11.6	10.0	11.1	12.2
4	AVT-NB-NEPZ-4		11.4	20.0	12.8	11.0	11.1	10.7	12.8
5	AVT-NB-NEPZ-5		11.6	15.5	12.4	12.8	11.4	12.6	12.7
6	AVT-NB-NEPZ-6		11.8	18.4	13.3	12.0	11.9	11.6	13.2
7	AVT-NB-NEPZ-7		12.1	15.2	13.1	12.4	10.9	11.0	12.4
8	AVT-NB-NEPZ-8		10.7	14.5	12.4	11.8	10.9	12.1	12.1
9	AVT-NB-NEPZ-9		12.6	19.2	12.5	13.3	10.7	11.0	13.2
10	AVT-NB-NEPZ-10		12.7	16.1	12.9	13.4	12.6	12.3	13.3
Avg			12.1	17.0	12.5	12.1	11.1	11.4	12.7

*Reconfirmation by alternate method is under progress.

Hectoliter Weight

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN*	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		53.6	65.5	60.5	77.3	52.1	46.2	59.2
2	AVT-NB-NEPZ-2		59.0	66.9	66.7	74.7	58.8	52.9	63.2
3	AVT-NB-NEPZ-3		58.3	64.1	57.9	74.8	48.6	47.4	58.5
4	AVT-NB-NEPZ-4		54.2	59.7	59.4	66.5	49.4	47.9	56.2
5	AVT-NB-NEPZ-5		46.6	57.9	50.6	73.5	49.4	39.6	52.9
6	AVT-NB-NEPZ-6		63.7	70.3	72.6	74.9	59.7	60.8	67.0
7	AVT-NB-NEPZ-7		52.5	57.2	56.9	73.3	69.1	40.5	58.2
8	AVT-NB-NEPZ-8		48.8	59.7	52.5	73.1	45.3	42.3	53.6
9	AVT-NB-NEPZ-9		71.1	74.1	74.1	75.4	46.1	64.5	67.5
10	AVT-NB-NEPZ-10		51.3	55.9	53.1	73.3	47.2	44.4	54.2
Avg			55.9	63.1	60.4	73.7	52.6	48.6	59.1

*Not included in Zonal Mean

Bold grain %

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN*	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		65.1	54.9	67.3	38.9	75.2	79.9	63.6
2	AVT-NB-NEPZ-2		53.8	37.8	38.7	32.9	46.2	42.1	41.9
3	AVT-NB-NEPZ-3		38.6	40.6	57.5	20.9	27.5	55.9	40.2
4	AVT-NB-NEPZ-4		85.4	84.9	67.3	40.2	50.2	75.4	67.2
5	AVT-NB-NEPZ-5		67.1	84.6	62.9	36.4	51.2	43.3	57.6
6	AVT-NB-NEPZ-6		43.7	42.0	57.8	50.9	64.2	59.2	53.0
7	AVT-NB-NEPZ-7		53.8	60.1	41.1	29.5	31.1	53.0	44.8
8	AVT-NB-NEPZ-8		65.8	75.7	68.8	35.1	66.2	56.4	61.3
9	AVT-NB-NEPZ-9		22.0	31.9	35.7	14.1	26.0	28.6	26.4
10	AVT-NB-NEPZ-10		45.6	59.0	32.4	24.3	27.5	36.2	37.5
Avg			54.1	57.2	53.0	32.3	46.5	53.0	49.3

*Not included in Zonal Mean

Thin grain %

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		6.5	8.7	5.1	6.1	4.7	4.3	5.9
2	AVT-NB-NEPZ-2		11.0	17.2	14.5	14.5	11.6	18.6	14.6
3	AVT-NB-NEPZ-3		9.6	5.1	6.8	14.2	22.5	9.8	11.3
4	AVT-NB-NEPZ-4		2.4	3.0	6.3	9.5	11.5	4.8	6.2
5	AVT-NB-NEPZ-5		6.7	3.5	8.2	12.2	11.5	17.7	9.9
6	AVT-NB-NEPZ-6		14.3	10.8	8.4	7.3	6.3	8.2	9.2
7	AVT-NB-NEPZ-7		10.7	7.4	15.1	11.0	17.0	13.7	12.5
8	AVT-NB-NEPZ-8		9.0	3.2	5.3	14.2	7.5	14.8	9.0
9	AVT-NB-NEPZ-9		23.9	15.6	15.6	25.5	27.5	22.4	21.8
10	AVT-NB-NEPZ-10		12.6	6.2	18.1	10.8	22.5	22.4	15.4
Avg			10.7	8.1	10.3	12.5	14.3	13.7	11.6

*Not included in Zonal Mean

Moisture %

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		9.8	9.4	11.8	10.1	10.9	9.9	10.3
2	AVT-NB-NEPZ-2		9.7	9.8	12.1	10.0	10.9	9.3	10.3
3	AVT-NB-NEPZ-3		11.1	10.2	11.9	10.4	11.8	10.5	11.0
4	AVT-NB-NEPZ-4		10.7	9.9	12.0	10.0	10.6	9.7	10.5
5	AVT-NB-NEPZ-5		11.4	10.8	12.4	10.5	11.1	9.6	11.0
6	AVT-NB-NEPZ-6		9.7	9.7	12.2	10.3	11.3	8.9	10.3
7	AVT-NB-NEPZ-7		9.9	10.0	12.1	10.2	10.9	9.5	10.4
8	AVT-NB-NEPZ-8		11.1	10.2	12.3	10.1	10.9	10.1	10.8
9	AVT-NB-NEPZ-9		9.8	10.1	12.1	10.0	10.8	9.4	10.4
10	AVT-NB-NEPZ-10		9.9	10.1	12.2	10.8	11.1	9.4	10.6
Avg			10.3	10.0	12.1	10.2	11.0	9.6	10.6

Starch %

SR.NO	Code	Genotype	KANPUR	RANCHI	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		60.6	59.8	61.8	65.1	62.5	61.1	61.8
2	AVT-NB-NEPZ-2		61.4	60.1	62.0	64.4	62.0	62.1	62.0
3	AVT-NB-NEPZ-3		60.3	61.0	61.4	63.8	60.3	60.6	61.2
4	AVT-NB-NEPZ-4		60.4	58.6	60.6	62.8	62.2	61.0	60.9
5	AVT-NB-NEPZ-5		59.9	59.4	59.8	63.4	61.0	60.1	60.6
6	AVT-NB-NEPZ-6		62.2	59.7	61.8	63.1	60.7	62.3	61.6
7	AVT-NB-NEPZ-7		60.4	60.0	61.1	64.0	63.5	60.7	61.6
8	AVT-NB-NEPZ-8		59.8	59.9	60.0	63.4	60.6	60.2	60.6
9	AVT-NB-NEPZ-9		63.5	60.1	63.6	63.2	61.0	63.7	62.5
10	AVT-NB-NEPZ-10		60.3	59.9	60.1	62.5	61.1	60.5	60.7
Avg			60.9	59.9	61.2	63.6	61.5	61.2	61.4

Fe (ppm)

SR.NO	Code	Genotype	KANPUR	RANCHI*	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		40.7	56.2	39.3	47.6	33.5	51.1	42.4
2	AVT-NB-NEPZ-2		49.0	59.8	35.9	52.3	43.1	59.7	48.0
3	AVT-NB-NEPZ-3		44.7	51.9	34.3	44.5	29.0	44.6	39.4
4	AVT-NB-NEPZ-4		42.7	53.2	29.3	35.5	33.6	44.3	37.1
5	AVT-NB-NEPZ-5		33.7	47.5	30.5	44.2	37.2	45.4	38.2
6	AVT-NB-NEPZ-6		39.7	60.2	32.5	46.6	49.5	41.1	41.9
7	AVT-NB-NEPZ-7		52.9	54.8	48.7	51.7	38.7	43.5	47.1
8	AVT-NB-NEPZ-8		34.5	52.8	34.9	45.3	36.4	37.7	37.8
9	AVT-NB-NEPZ-9		45.0	55.2	35.5	46.9	39.5	42.5	41.9
10	AVT-NB-NEPZ-10		52.0	53.2	33.1	57.0	47.2	46.9	47.2
Avg			43.5	54.5	35.4	47.2	38.8	45.7	42.1

*Not included in Zonal Mean

Zn (ppm)

SR.NO	Code	Genotype	KANPUR	RANCHI*	SAMASTIPUR	BURDWAN	AYODHYA	VARANSI	Mean NWPZ
1	AVT-NB-NEPZ-1		32.1	62.9	31.1	51.0	33.5	27.4	35.0
2	AVT-NB-NEPZ-2		42.1	54.7	34.9	48.2	36.3	38.1	39.9
3	AVT-NB-NEPZ-3		33.9	52.7	32.5	37.2	25.2	29.6	31.7
4	AVT-NB-NEPZ-4		31.4	69.9	27.6	36.2	35.5	34.2	33.0
5	AVT-NB-NEPZ-5		25.3	38.8	33.3	37.2	32.5	28.0	31.3
6	AVT-NB-NEPZ-6		30.0	72.3	29.2	49.5	50.7	31.4	38.2
7	AVT-NB-NEPZ-7		33.0	50.8	38.1	45.8	34.6	33.1	36.9
8	AVT-NB-NEPZ-8		28.4	40.7	31.7	35.2	34.3	27.8	31.5
9	AVT-NB-NEPZ-9		35.1	66.5	36.4	52.7	30.8	30.9	37.2
10	AVT-NB-NEPZ-10		36.0	50.5	24.0	45.0	32.8	34.3	34.4
Avg			32.7	56.0	31.9	43.8	34.6	31.5	34.9

*Not included in Zonal Mean

AVT-NB-CZ

Thousand Grain Weight

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		30.2	31.1	34.7	32.0
2	AVT-NB-CZ-2		27.5	34.0	36.1	32.5
3	AVT-NB-CZ-3		26.1	35.4	34.9	32.1
4	AVT-NB-CZ-4		26.0	36.3	35.9	32.7
5	AVT-NB-CZ-5		27.3	29.9	37.7	31.6
6	AVT-NB-CZ-6		31.5	33.5	33.1	32.7
7	AVT-NB-CZ-7		27.7	26.5	36.9	30.4
8	AVT-NB-CZ-8		30.7	32.0	35.0	32.6
9	AVT-NB-CZ-9		32.0	29.0	39.5	33.5
10	AVT-NB-CZ-10		31.5	34.7	34.1	33.4
11	AVT-NB-CZ-11		36.2	39.2	38.0	37.8
12	AVT-NB-CZ-12		33.9	39.2	43.4	38.8
13	AVT-NB-CZ-13		26.8	27.9	35.2	29.9
Avg			29.8	33.0	36.5	33.1

Protein %

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR*	BANDA	Mean
1	AVT-NB-CZ-1		12.5	16.9	11.0	13.5
2	AVT-NB-CZ-2		12.2	16.1	9.4	12.5
3	AVT-NB-CZ-3		14.9	19.1	11.0	15.0
4	AVT-NB-CZ-4		14.1	16.0	10.5	13.5
5	AVT-NB-CZ-5		11.9	14.8	9.0	11.9
6	AVT-NB-CZ-6		14.5	15.6	9.6	13.2
7	AVT-NB-CZ-7		14.3	17.8	10.3	14.1
8	AVT-NB-CZ-8		13.1	17.3	9.8	13.4
9	AVT-NB-CZ-9		13.0	17.4	9.5	13.3
10	AVT-NB-CZ-10		15.5	18.9	10.2	14.9
11	AVT-NB-CZ-11		12.8	16.5	10.5	13.3
12	AVT-NB-CZ-12		14.2	18.2	9.6	14.0
13	AVT-NB-CZ-13		13.7	18.4	9.3	13.8
Avg			13.6	17.1	10.0	13.6

***Validation by alternate method under progress**

Hectoliter Weight

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		78.5	75.2	69.0	74.2
2	AVT-NB-CZ-2		78.0	70.5	61.2	69.9
3	AVT-NB-CZ-3		75.7	72.3	66.1	71.4
4	AVT-NB-CZ-4		70.8	74.2*	63.6	69.5
5	AVT-NB-CZ-5		75.5	64.9	52.8	64.4
6	AVT-NB-CZ-6		73.3	62.6	50.0	62.0
7	AVT-NB-CZ-7		72.8	64.6	56.7	64.7
8	AVT-NB-CZ-8		75.0	73.6*	64.3	71.0
9	AVT-NB-CZ-9		76.6	59.0*	56.7	64.1
10	AVT-NB-CZ-10		77.1	73.4	63.6	71.3
11	AVT-NB-CZ-11		76.5	66.0	60.0	67.5
12	AVT-NB-CZ-12		74.3	70.9	64.6	69.9
13	AVT-NB-CZ-13		75.1	70.2	62.7	69.3
Avg			75.3	69.0	60.9	68.4

*Samples under repeat estimation for confirmation

Bold grain %

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		1.9	7.1	42.8	17.3
2	AVT-NB-CZ-2		4.3	25.1	58.5	29.3
3	AVT-NB-CZ-3		3.1	50.1	64.9	39.4
4	AVT-NB-CZ-4		5.6	32.4	68.0	35.3
5	AVT-NB-CZ-5		6.7	20.7	82.7	36.7
6	AVT-NB-CZ-6		27.2	38.1	68.7	44.7
7	AVT-NB-CZ-7		4.9	21.4	75.7	34.0
8	AVT-NB-CZ-8		9.1	24.7	57.5	30.4
9	AVT-NB-CZ-9		18.8	22.5	79.8	40.4
10	AVT-NB-CZ-10		8.4	18.6	45.6	24.2
11	AVT-NB-CZ-11		16.2	51.1	69.8	45.7
12	AVT-NB-CZ-12		4.1	29.5	58.4	30.7
13	AVT-NB-CZ-13		2.4	12.9	40.3	18.5
Avg			8.7	27.3	62.5	32.8

Thin grain %

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		53.9	43.8	11.2	36.3
2	AVT-NB-CZ-2		52.8	26.8	7.5	29.1
3	AVT-NB-CZ-3		68.9	13.7	6.8	29.8
4	AVT-NB-CZ-4		49.8	18.3	5.1	24.4
5	AVT-NB-CZ-5		55.9	34.9	3.3	31.4
6	AVT-NB-CZ-6		23.8	16.1	5.9	15.3
7	AVT-NB-CZ-7		50.2	36.5	4.2	30.3
8	AVT-NB-CZ-8		32.6	33.4	6.3	24.1
9	AVT-NB-CZ-9		35.4	38.9	3.3	25.9
10	AVT-NB-CZ-10		39.3	29.8	9.2	26.1
11	AVT-NB-CZ-11		31.3	12.5	5.0	16.3
12	AVT-NB-CZ-12		45.9	25.9	6.2	26.0
13	AVT-NB-CZ-13		68.0	46.6	17.2	43.9
Avg			46.8	29.0	7.0	27.6

Moisture %

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		9.4	9.2	9.0	9.2
2	AVT-NB-CZ-2		9.4	8.9	8.6	9.0
3	AVT-NB-CZ-3		9.6	9.1	8.5	9.0
4	AVT-NB-CZ-4		9.2	9.1	8.9	9.0
5	AVT-NB-CZ-5		9.6	9.0	8.5	9.1
6	AVT-NB-CZ-6		9.6	9.1	8.9	9.2
7	AVT-NB-CZ-7		9.7	8.5	8.8	9.0
8	AVT-NB-CZ-8		9.5	9.4	8.7	9.2
9	AVT-NB-CZ-9		9.5	8.9	8.8	9.1
10	AVT-NB-CZ-10		9.4	8.3	8.6	8.8
11	AVT-NB-CZ-11		9.3	9.1	8.9	9.1
12	AVT-NB-CZ-12		9.5	9.1	8.4	9.0
13	AVT-NB-CZ-13		9.5	9.4	8.6	9.1
Avg			9.5	9.0	8.7	9.1

Starch %

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		64.7	60.9	64.5	63.4
2	AVT-NB-CZ-2		65.3	61.8	64.8	64.0
3	AVT-NB-CZ-3		62.9	59.8	65.0	62.6
4	AVT-NB-CZ-4		63.2	62.1	64.6	63.3
5	AVT-NB-CZ-5		65.0	61.5	63.4	63.3
6	AVT-NB-CZ-6		62.8	61.7	62.2	62.2
7	AVT-NB-CZ-7		63.3	60.1	61.6	61.7
8	AVT-NB-CZ-8		64.4	61.0	64.8	63.4
9	AVT-NB-CZ-9		63.4	60.0	63.6	62.3
10	AVT-NB-CZ-10		62.3	60.5	63.6	62.1
11	AVT-NB-CZ-11		64.7	60.9	63.6	63.1
12	AVT-NB-CZ-12		62.1	59.9	64.2	62.1
13	AVT-NB-CZ-13		63.0	59.4	63.8	62.0
Avg			63.6	60.7	63.8	62.7

Fe (ppm)

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		39.9	42.6	37.1	39.9
2	AVT-NB-CZ-2		35.2	33.2	30.9	33.1
3	AVT-NB-CZ-3		43.3	37.2	35.2	38.6
4	AVT-NB-CZ-4		52.8	37.2	33.6	41.2
5	AVT-NB-CZ-5		39.1	45.0	29.2	37.8
6	AVT-NB-CZ-6		44.9	37.5	33.5	38.6
7	AVT-NB-CZ-7		38.5	41.0	35.8	38.4
8	AVT-NB-CZ-8		34.9	40.2	36.4	37.2
9	AVT-NB-CZ-9		40.8	45.6	32.5	39.6
10	AVT-NB-CZ-10		45.9	37.5	41.4	41.6
11	AVT-NB-CZ-11		41.5	45.6	38.2	41.8
12	AVT-NB-CZ-12		59.3	42.5	36.0	45.9
13	AVT-NB-CZ-13		41.9	39.2	30.9	37.3
Avg			42.9	40.3	34.7	39.3

Zn (ppm)

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	Mean
1	AVT-NB-CZ-1		42.4	48.9	36.3	42.5
2	AVT-NB-CZ-2		37.8	44.4	27.2	36.5
3	AVT-NB-CZ-3		47.2	44.9	32.5	41.5
4	AVT-NB-CZ-4		35.2	35.6	24.8	31.9
5	AVT-NB-CZ-5		36.1	47.1	22.3	35.2
6	AVT-NB-CZ-6		41.0	43.6	27.1	37.2
7	AVT-NB-CZ-7		42.7	48.3	26.9	39.3
8	AVT-NB-CZ-8		36.3	37.8	29.6	34.6
9	AVT-NB-CZ-9		39.4	42.2	23.6	35.1
10	AVT-NB-CZ-10		52.7	50.3	33.2	45.4
11	AVT-NB-CZ-11		44.8	52.0	28.7	41.8
12	AVT-NB-CZ-12		48.9	48.6	28.1	41.9
13	AVT-NB-CZ-13		48.5	46.0	29.7	41.4
Avg			42.5	45.4	28.5	38.8

IVT-NB-NWPZ**TGW**

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		30.7	33.5	36.5	36.5	34.3
2	IVT-NB-2		31.8	33.7	33.8	35.8	33.8
3	IVT-NB-3		35.8	40.2	37.0	43.3	39.1
4	IVT-NB-4		35.8	36.7	34.4	39.9	36.7
5	IVT-NB-5		39.8	40.4	48.3	36.2	41.2
6	IVT-NB-6		35.7	32.7	37.0	22.6	32.0
7	IVT-NB-7		20.6	20.7	24.7	27.0	23.3
8	IVT-NB-8		40.0	42.3	40.2	46.7	42.3
9	IVT-NB-9		37.4	35.5	32.0	40.0	36.2
10	IVT-NB-10		43.6	43.9	43.2	46.2	44.2
11	IVT-NB-11		26.4	31.8	26.0	27.5	27.9
12	IVT-NB-12		28.4	30.7	27.1	34.1	30.1
13	IVT-NB-13		30.9	39.2	33.4	45.8	37.3
14	IVT-NB-14		31.1	36.0	29.5	34.1	32.7
15	IVT-NB-15		31.5	35.4	29.6	38.4	33.7
16	IVT-NB-16		38.1	47.9	37.9	52.1	44.0
17	IVT-NB-17		38.3	35.2	31.0	48.2	38.2
18	IVT-NB-18		34.3	34.4	37.0	38.1	35.9
19	IVT-NB-19		31.4	35.2	37.8	38.2	35.6
20	IVT-NB-20		29.0	32.7	33.4	34.7	32.4
21	IVT-NB-21		32.7	35.7	30.8	37.7	34.2
22	IVT-NB-22		35.6	39.0	35.1	40.1	37.4
23	IVT-NB-23		34.9	35.2	37.6	39.5	36.8
24	IVT-NB-24		36.2	33.0	32.0	36.1	34.3
25	IVT-NB-25		36.4	41.3	38.3	42.8	39.7
26	IVT-NB-26		40.7	59.3	52.3	55.0	51.8
27	IVT-NB-27		33.9	32.2	34.2	35.0	33.8
28	IVT-NB-28		32.7	35.0	29.4	34.2	32.8
29	IVT-NB-29		40.2	42.0	39.1	43.5	41.2
30	IVT-NB-30		43.3	36.5	46.5	47.9	43.5
31	IVT-NB-31		25.8	31.6	34.0	34.6	31.5
32	IVT-NB-32		29.8	32.9	29.6	38.4	32.7
33	IVT-NB-33		46.4	49.3	54.4	56.0	51.5
34	IVT-NB-34		40.5	41.7	40.9	41.2	41.1
35	IVT-NB-35		44.1	42.9	33.2	52.9	43.3
36	IVT-NB-36		38.0	30.3	35.8	38.3	35.6
AVG			35.0	37.1	35.9	40.0	37.0

Protein

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		12.8	11.3	13.7	12.5	12.6
2	IVT-NB-2		12.7	11.2	14.1	11.5	12.4
3	IVT-NB-3		14.4	12.5	14.1	13.5	13.7
4	IVT-NB-4		13.3	11.8	14.5	12.1	12.9
5	IVT-NB-5		13.3	12.0	13.5	13.6	13.1
6	IVT-NB-6		12.6	11.9	12.9	14.7	13.0
7	IVT-NB-7		13.5	11.4	13.0	12.5	12.6
8	IVT-NB-8		14.3	10.8	14.5	13.7	13.3
9	IVT-NB-9		13.0	11.0	17.2	13.7	13.7
10	IVT-NB-10		15.0	13.4	16.2	14.3	14.7
11	IVT-NB-11		14.2	9.5	12.9	13.3	12.5
12	IVT-NB-12		14.7	12.6	14.5	13.2	13.7
13	IVT-NB-13		13.7	12.1	13.9	14.5	13.5
14	IVT-NB-14		14.3	11.4	13.1	14.1	13.2
15	IVT-NB-15		14.0	10.8	17.6*	15.0	14.4
16	IVT-NB-16		14.6	11.6	14.3	14.2	13.7
17	IVT-NB-17		12.9	9.6	13.5	10.9	11.7
18	IVT-NB-18		13.2	10.8	14.1	13.8	13.0
19	IVT-NB-19		14.3	11.4	15.4	12.6	13.4
20	IVT-NB-20		13.5	14.0	14.3	13.4	13.8
21	IVT-NB-21		13.1	11.3	13.8	11.2	12.4
22	IVT-NB-22		15.2	11.5	14.5	14.5	13.9
23	IVT-NB-23		14.7	12.7	13.8	14.1	13.8
24	IVT-NB-24		13.1	11.9	11.9	12.0	12.2
25	IVT-NB-25		12.3	10.3	15.3	11.3	12.3
26	IVT-NB-26		14.4	11.0	15.3	14.3	13.7
27	IVT-NB-27		13.7	10.7	12.2	11.9	12.1
28	IVT-NB-28		14.2	11.8	13.6	13.9	13.4
29	IVT-NB-29		12.6	11.3	14.2	14.4	13.1
30	IVT-NB-30		14.5	12.7	15.9	15.5	14.7
31	IVT-NB-31		15.8	12.2	16.7*	12.6	14.3
32	IVT-NB-32		13.2	11.9	14.4	12.3	12.9
33	IVT-NB-33		15.8	14.9	16.2	14.8	15.4
34	IVT-NB-34		13.6	12.6	13.6	14.5	13.6
35	IVT-NB-35		13.6	12.1	13.8	12.2	12.9
36	IVT-NB-36		13.2	10.8	15.4	12.8	13.0
AVG			13.8	11.7	14.4	13.3	13.3

*Samples under repeat estimation for confirmation

Hectoliter weight

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		56.1	77.7	75.5	59.7	67.2
2	IVT-NB-2		57.4	78.6	75.9	59.0	67.7
3	IVT-NB-3		68.2	77.4	77.7	73.5	74.2
4	IVT-NB-4		64.7	77.4	77.5	76.1	73.9
5	IVT-NB-5		59.8	76.5	78.1	61.2	68.9
6	IVT-NB-6		57.9	75.5	79.1	49.6	65.5
7	IVT-NB-7		52.2	74.6	75.6	54.4	64.2
8	IVT-NB-8		63.7	78.5	75.2	76.4	73.4
9	IVT-NB-9		57.0	77.8	74.1	57.4	66.6
10	IVT-NB-10		61.1	75.7	76.1	63.1	69.0
11	IVT-NB-11		45.2	78.9	77.4	58.3	65.0
12	IVT-NB-12		71.8	75.1	72.8	75.5	73.8
13	IVT-NB-13		60.2	77.9	78.5	65.5	70.5
14	IVT-NB-14		52.5	77.7	73.8	57.9	65.5
15	IVT-NB-15		69.0	78.5	71.8	71.7	72.7
16	IVT-NB-16		54.4	78.5	74.5	68.4	68.9
17	IVT-NB-17		53.9	78.5	74.9	67.7	68.8
18	IVT-NB-18		53.7	69.7	77.7	65.1	66.5
19	IVT-NB-19		74.1	79.8	77.5	75.1	76.6
20	IVT-NB-20		64.7	78.5	77.3	70.3	72.7
21	IVT-NB-21		62.7	79.8	76.2	73.4	73.0
22	IVT-NB-22		67.1	78.2	75.5	73.9	73.7
23	IVT-NB-23		67.8	77.4	75.3	75.3	73.9
24	IVT-NB-24		57.8	78.9	75.6	63.4	68.9
25	IVT-NB-25		52.6	80.3	79.2	55.9	67.0
26	IVT-NB-26		68.3	78.6	75.1	77.5	74.9
27	IVT-NB-27		54.2	78.3	77.9	76.7	71.8
28	IVT-NB-28		51.1	78.5	74.9	53.5	64.5
29	IVT-NB-29		66.0	78.2	75.1	72.0	72.8
30	IVT-NB-30		63.0	77.2	74.6	69.8	71.1
31	IVT-NB-31		51.2	77.8	75.5	54.7	64.8
32	IVT-NB-32		51.4	76.9	75.6	55.1	64.8
33	IVT-NB-33		62.6	75.8	76.7	72.0	71.8
34	IVT-NB-34		71.1	76.7	75.5	71.9	73.8
35	IVT-NB-35		55.5	77.9	71.3	57.7	65.6
36	IVT-NB-36		56.6	77.2	76.1	58.7	67.2
AVG			59.9	77.5	75.9	65.8	69.8

Bold Grain

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		44.1	44.5	48.4	73.1	52.5
2	IVT-NB-2		52.9	21.8	47.4	66.4	47.1
3	IVT-NB-3		34.1	37.8	52.8	54.5	44.8
4	IVT-NB-4		33.5	21.6	20.5	39.5	28.8
5	IVT-NB-5		58.9	31.7	77.0*	33.5	50.3
6	IVT-NB-6		50.7	31.4	52.0	25.6	39.9
7	IVT-NB-7		6.9	0.9	5.9	13.4	6.8
8	IVT-NB-8		50.2	51.3	54.3	63.0	54.7
9	IVT-NB-9		71.8	36.2	36.6	70.1	53.7
10	IVT-NB-10		60.7	48.6	47.8	61.7	54.7
11	IVT-NB-11		28.4	39.0	15.4	24.9	27.0
12	IVT-NB-12		9.6	9.1	7.4	25.6	12.9
13	IVT-NB-13		29.4	19.3	14.7	54.9	29.6
14	IVT-NB-14		49.2	70.3	41.8	58.3	54.9
15	IVT-NB-15		24.3	34.1	14.5	44.7	29.4
16	IVT-NB-16		60.2	91.1	42.0	90.8	71.0
17	IVT-NB-17		56.3	67.1	30.6	81.9	59.0
18	IVT-NB-18		57.2	23.2	34.9	49.1	41.1
19	IVT-NB-19		33.8	39.2	58.4	42.3	43.4
20	IVT-NB-20		28.5	12.1	29.3	36.4	26.6
21	IVT-NB-21		40.3	34.1	16.5	48.3	34.8
22	IVT-NB-22		37.1	34.4	34.4	60.1	41.5
23	IVT-NB-23		28.9	34.4	50.3	53.1	41.7
24	IVT-NB-24		56.0	42.5	74.9	67.7	60.3
25	IVT-NB-25		53.6	60.2	40.6	69.6	56.0
26	IVT-NB-26		58.5	89.6	82.0	70.9	75.2
27	IVT-NB-27		34.8	10.5	26.7	21.7	23.4
28	IVT-NB-28		29.4	17.0	12.8	42.6	25.4
29	IVT-NB-29		35.1	45.8	61.7	36.2	44.7
30	IVT-NB-30		36.1	34.8	49.4	38.0	39.6
31	IVT-NB-31		42.2	27.9	45.8	70.2	46.6
32	IVT-NB-32		33.4	7.7	17.7	62.3	30.3
33	IVT-NB-33		74.1	82.8	88.2	87.4	83.1
34	IVT-NB-34		23.8	48.5	31.7	44.1	37.0
35	IVT-NB-35		88.1	79.9	37.3	98.5	75.9
36	IVT-NB-36		63.0	19.9	34.4	58.8	44.0
AVG			43.7	38.9	39.9	53.9	44.1

*Revalidation under process

Thin grain

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		16.2	4.7	8.6	3.4	8.2
2	IVT-NB-2		10.2	12.9	8.3	6.0	9.3
3	IVT-NB-3		14.9	8.4	9.6	4.3	9.3
4	IVT-NB-4		18.2	15.2	32.0	7.9	18.3
5	IVT-NB-5		5.8	5.3	1.9	15.6	7.1
6	IVT-NB-6		10.4	15.5	8.3	43.3	19.4
7	IVT-NB-7		65.5	89.1	60.1	53.0	66.9
8	IVT-NB-8		12.2	3.4	10.9	3.1	7.4
9	IVT-NB-9		4.4	4.6	18.1	5.2	8.1
10	IVT-NB-10		3.8	3.0	9.4	2.7	4.7
11	IVT-NB-11		31.3	7.2	32.5	30.7	25.4
12	IVT-NB-12		41.1	38.6	47.5	19.0	36.6
13	IVT-NB-13		24.3	7.5	16.1	4.1	13.0
14	IVT-NB-14		14.0	2.7	15.9	10.1	10.7
15	IVT-NB-15		24.7	8.2	46.2	5.8	21.2
16	IVT-NB-16		9.7	0.6	15.6	0.8	6.7
17	IVT-NB-17		12.9	4.9	31.9	3.3	13.2
18	IVT-NB-18		9.4	12.1	14.8	7.6	11.0
19	IVT-NB-19		17.2	6.3	5.8	5.8	8.8
20	IVT-NB-20		27.3	28.0	13.5	15.5	21.1
21	IVT-NB-21		16.1	11.4	33.5	6.3	16.8
22	IVT-NB-22		21.3	6.5	16.5	3.5	11.9
23	IVT-NB-23		21.1	11.9	7.2	3.5	10.9
24	IVT-NB-24		8.6	5.8	2.6	3.9	5.2
25	IVT-NB-25		11.0	4.0	15.7	4.3	8.8
26	IVT-NB-26		8.5	0.7	2.8	1.5	3.4
27	IVT-NB-27		20.6	18.8	15.3	9.2	16.0
28	IVT-NB-28		24.0	21.9	35.6	17.7	24.8
29	IVT-NB-29		12.8	4.7	8.9	19.9	11.6
30	IVT-NB-30		12.6	4.2	7.9	8.8	8.4
31	IVT-NB-31		21.0	10.4	12.8	3.7	12.0
32	IVT-NB-32		18.4	17.6	18.7	4.7	14.8
33	IVT-NB-33		4.3	0.8	1.4	0.8	1.8
34	IVT-NB-34		15.8	3.6	9.5	6.9	9.0
35	IVT-NB-35		1.4	0.8	11.1	0.2	3.3
36	IVT-NB-36		6.8	10.3	13.4	4.6	8.8
AVG			16.6	11.4	17.2	9.6	13.7

Moisture

SR.NO	Code	Genotype	GANGANAGAR	DURGAPURA	KARNAL	TABIJI	MEAN
1	IVT-NB-1		9.0	9.9	10.2	8.9	9.5
2	IVT-NB-2		8.8	8.9	10.0	8.8	9.1
3	IVT-NB-3		8.4	8.8	10.3	8.9	9.1
4	IVT-NB-4		8.7	8.7	10.2	8.9	9.1
5	IVT-NB-5		8.8	8.8	9.9	9.0	9.1
6	IVT-NB-6		8.8	9.0	9.9	8.9	9.2
7	IVT-NB-7		9.1	8.8	10.2	9.0	9.3
8	IVT-NB-8		9.2	8.6	10.0	8.6	9.1
9	IVT-NB-9		9.0	9.2	10.0	9.0	9.3
10	IVT-NB-10		8.9	8.9	10.0	8.9	9.2
11	IVT-NB-11		8.8	9.4	10.0	8.8	9.3
12	IVT-NB-12		8.7	8.8	10.1	8.9	9.1
13	IVT-NB-13		8.6	8.7	10.1	8.4	8.9
14	IVT-NB-14		8.7	8.5	9.9	8.7	8.9
15	IVT-NB-15		8.8	9.1	10.0	8.7	9.1
16	IVT-NB-16		8.7	9.2	9.9	8.8	9.1
17	IVT-NB-17		9.3	8.7	10.2	9.1	9.3
18	IVT-NB-18		8.9	9.0	10.0	9.1	9.2
19	IVT-NB-19		9.2	9.1	9.9	8.6	9.2
20	IVT-NB-20		8.7	8.8	10.1	8.9	9.1
21	IVT-NB-21		8.8	8.4	9.8	8.7	8.9
22	IVT-NB-22		8.8	8.7	10.0	8.6	9.0
23	IVT-NB-23		8.9	8.6	10.1	9.0	9.1
24	IVT-NB-24		9.1	8.9	10.0	8.8	9.2
25	IVT-NB-25		9.3	8.9	10.1	8.6	9.2
26	IVT-NB-26		8.9	8.3	10.0	8.9	9.0
27	IVT-NB-27		8.7	8.8	9.9	9.0	9.1
28	IVT-NB-28		9.2	8.7	10.2	8.8	9.2
29	IVT-NB-29		8.7	8.8	10.1	8.8	9.1
30	IVT-NB-30		8.9	9.0	9.9	8.7	9.1
31	IVT-NB-31		8.8	8.8	10.1	8.7	9.1
32	IVT-NB-32		9.0	8.7	10.1	9.2	9.3
33	IVT-NB-33		9.0	8.3	10.5	8.8	9.2
34	IVT-NB-34		8.6	8.8	10.1	9.3	9.2
35	IVT-NB-35		8.9	8.6	10.3	9.0	9.2
36	IVT-NB-36		9.2	8.6	10.2	8.9	9.2
AVG			8.9	8.8	10.1	8.9	9.2

IVT-NB-NEPZ

TGW

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		39.1	34.4	35.9	36.4
2	IVT-NB-2		42.1	36.2	37.2	38.5
3	IVT-NB-3		41.4	41.1	49.7	44.1
4	IVT-NB-4		41.9	27.9	43.5	37.8
5	IVT-NB-5		42.5	45.0	43.5	43.7
6	IVT-NB-6		42.4	40.8	39.6	41.0
7	IVT-NB-7		27.6	24.6	34.6	28.9
8	IVT-NB-8		44.9	44.9	42.3	44.0
9	IVT-NB-9		41.9	36.6	38.7	39.1
10	IVT-NB-10		44.3	42.7	40.4	42.5
11	IVT-NB-11		37.5	36.0	39.5	37.6
12	IVT-NB-12		31.6	34.4	37.7	34.6
13	IVT-NB-13		39.3	39.9	39.7	39.6
14	IVT-NB-14		35.4	31.2	36.8	34.4
15	IVT-NB-15		35.7	29.0	44.0	36.2
16	IVT-NB-16		46.3	49.9	55.3	50.5
17	IVT-NB-17		43.6	35.6	45.8	41.7
18	IVT-NB-18		43.5	34.7	35.1	37.7
19	IVT-NB-19		40.0	38.1	36.6	38.2
20	IVT-NB-20		37.8	33.9	37.3	36.3
21	IVT-NB-21		34.4	33.6	32.0	33.3
22	IVT-NB-22		36.2	27.5	41.0	34.9
23	IVT-NB-23		38.3	32.7	33.9	35.0
24	IVT-NB-24		37.3	37.9	39.1	38.1
25	IVT-NB-25		47.2	36.4	45.8	43.1
26	IVT-NB-26		53.7	57.6	54.7	55.3
27	IVT-NB-27		38.3	39.9	36.2	38.1
28	IVT-NB-28		40.6	35.1	34.4	36.7
29	IVT-NB-29		42.3	39.9	35.2	39.1
30	IVT-NB-30		51.3	46.3	51.0	49.5
31	IVT-NB-31		37.2	31.8	33.8	34.3
32	IVT-NB-32		38.0	38.8	40.1	38.9
33	IVT-NB-33		57.1	50.8	56.1	54.7
34	IVT-NB-34		47.7	48.8	45.9	47.5
35	IVT-NB-35		46.9	42.1	40.3	43.1
36	IVT-NB-36		36.0	37.1	31.9	35.0
AVG			41.1	38.1	40.7	40.0

Protein

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		10.7	14.4	13.8	13.0
2	IVT-NB-2		13.4	12.7	14.0	13.4
3	IVT-NB-3		12.3	12.7	14.5	13.2
4	IVT-NB-4		11.4	15.1	13.0	13.2
5	IVT-NB-5		11.5	12.3	12.8	12.2
6	IVT-NB-6		10.7	14.2	15.7	13.6
7	IVT-NB-7		11.1	14.3	13.7	13.0
8	IVT-NB-8		10.8	11.9	13.4	12.0
9	IVT-NB-9		12.0	16.5	20.0*	16.2
10	IVT-NB-10		13.3	15.0	15.0	14.4
11	IVT-NB-11		11.3	12.8	13.1	12.4
12	IVT-NB-12		9.9	12.9	13.4	12.0
13	IVT-NB-13		13.0	15.3	16.2	14.8
14	IVT-NB-14		10.8	15.1	15.5	13.8
15	IVT-NB-15		12.7	17.6	14.8	15.1
16	IVT-NB-16		11.1	13.5	15.8	13.5
17	IVT-NB-17		10.2	13.7	10.6	11.5
18	IVT-NB-18		10.4	14.8	15.6	13.6
19	IVT-NB-19		13.0	14.0	17.5	14.8
20	IVT-NB-20		11.2	13.8	14.8	13.2
21	IVT-NB-21		10.9	13.3	17.0	13.7
22	IVT-NB-22		11.5	17.8	14.4	14.6
23	IVT-NB-23		11.8	16.4	14.2	14.1
24	IVT-NB-24		10.5	13.0	13.5	12.4
25	IVT-NB-25		9.8	14.8	12.3	12.3
26	IVT-NB-26		11.7	13.8	16.5	14.0
27	IVT-NB-27		9.5	14.0	11.2	11.6
28	IVT-NB-28		11.7	15.4	15.0	14.0
29	IVT-NB-29		11.0	11.8	13.6	12.1
30	IVT-NB-30		13.1	14.0	12.4	13.2
31	IVT-NB-31		12.0	12.5	16.4	13.6
32	IVT-NB-32		11.2	11.5	11.9	11.5
33	IVT-NB-33		15.5	16.9	17.5*	16.6
34	IVT-NB-34		11.7	16.9	19.3*	16.0
35	IVT-NB-35		10.5	16.1	12.1	12.9
36	IVT-NB-36		10.7	12.5	16.5	13.2
AVG			11.5	14.3	14.6	13.5

*Samples under repeat estimation for confirmation

HL

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		54.2	48.0	51.9	51.4
2	IVT-NB-2		56.4	57.7	61.0	58.4
3	IVT-NB-3		65.6	73.2	71.4	70.1
4	IVT-NB-4		64.8	66.6	68.6	66.7
5	IVT-NB-5		61.8	65.2	73.7	66.9
6	IVT-NB-6		57.0	65.4	57.9	60.1
7	IVT-NB-7		52.0	47.9	59.2	53.1
8	IVT-NB-8		67.0	71.3	66.7	68.3
9	IVT-NB-9		51.6	64.7	63.5	59.9
10	IVT-NB-10		ND	57.8	66.8	62.3
11	IVT-NB-11		55.2	59.7	59.5	58.1
12	IVT-NB-12		66.8	74.6	70.9	70.8
13	IVT-NB-13		53.2	66.5	64.4	61.4
14	IVT-NB-14		54.0	47.9	61.8	54.6
15	IVT-NB-15		62.3	64.0	71.0	65.8
16	IVT-NB-16		56.4	70.6	71.1	66.0
17	IVT-NB-17		53.1	59.0	61.2	57.8
18	IVT-NB-18		53.0	46.3	59.5	52.9
19	IVT-NB-19		64.6	68.8	64.7	66.0
20	IVT-NB-20		59.3	67.6	64.8	63.9
21	IVT-NB-21		61.5	71.4	62.5	65.1
22	IVT-NB-22		63.0	65.4	72.3	66.9
23	IVT-NB-23		62.5	66.4	69.2	66.1
24	IVT-NB-24		51.1	54.0	56.1	53.7
25	IVT-NB-25		52.5	50.1	57.9	53.5
26	IVT-NB-26		69.6	72.5	66.8	69.6
27	IVT-NB-27		48.4	61.8	58.0	56.1
28	IVT-NB-28		53.0	52.8	60.5	55.4
29	IVT-NB-29		68.6	72.6	69.1	70.1
30	IVT-NB-30		61.3	69.1	55.4	61.9
31	IVT-NB-31		54.5	46.1	71.2	57.2
32	IVT-NB-32		53.0	60.0	58.3	57.1
33	IVT-NB-33		63.4	70.3	70.7	68.2
34	IVT-NB-34		64.5	70.6	64.0	66.4
35	IVT-NB-35		55.0	49.8	56.1	53.7
36	IVT-NB-36		52.7	67.7	55.5	58.6
AVG			58.4	62.3	63.7	61.5

Bold Grain

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		80.2	80.2	88.4	82.9
2	IVT-NB-2		80.8	80.8	65.4	75.7
3	IVT-NB-3		60.9	60.9	91.8	71.2
4	IVT-NB-4		36.3	36.3	79.4	50.7
5	IVT-NB-5		47.6	47.6	62.3	52.5
6	IVT-NB-6		74.5	74.5	74.8	74.6
7	IVT-NB-7		32.8	32.8	65.9	43.8
8	IVT-NB-8		57.6	57.6	81.6	65.6
9	IVT-NB-9		87.5	87.5	64.9	80.0
10	IVT-NB-10		ND	ND	ND	ND
11	IVT-NB-11		68.2	68.2	85.1	73.9
12	IVT-NB-12		18.8	18.8	31.5	23.0
13	IVT-NB-13		64.1	64.1	56.3	61.5
14	IVT-NB-14		75.0	75.0	93.3	81.1
15	IVT-NB-15		44.1	44.1	85.5	57.9
16	IVT-NB-16		82.2	82.2	95.4	86.6
17	IVT-NB-17		74.5	74.5	90.4	79.8
18	IVT-NB-18		85.3	85.3	68.8	79.8
19	IVT-NB-19		63.5	63.5	70.1	65.7
20	IVT-NB-20		53.1	53.1	61.8	56.0
21	IVT-NB-21		51.9	51.9	56.9	53.6
22	IVT-NB-22		43.5	43.5	81.1	56.0
23	IVT-NB-23		57.3	57.3	89.1	67.9
24	IVT-NB-24		82.3	82.3	93.2	86.0
25	IVT-NB-25		80.9	80.9	86.2	82.6
26	IVT-NB-26		62.0	62.0	70.0	64.6
27	IVT-NB-27		51.5	51.5	77.8	60.3
28	IVT-NB-28		74.0	74.0	68.2	72.1
29	IVT-NB-29		49.5	49.5	48.6	49.2
30	IVT-NB-30		71.9	71.9	56.6	66.8
31	IVT-NB-31		83.1	83.1	69.4	78.6
32	IVT-NB-32		57.8	57.8	73.2	62.9
33	IVT-NB-33		87.8	87.8	93.3	89.7
34	IVT-NB-34		46.3	46.3	72.0	54.9
35	IVT-NB-35		91.1	91.1	94.7	92.3
36	IVT-NB-36		72.2	72.2	76.9	73.8
AVG			64.3	64.3	74.8	67.8

Thin Grain

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		2.8	6.6	3.0	4.1
2	IVT-NB-2		2.0	4.8	4.6	3.8
3	IVT-NB-3		4.4	7.0	2.2	4.6
4	IVT-NB-4		10.9	68.1	2.3	27.1
5	IVT-NB-5		7.1	4.5	5.5	5.7
6	IVT-NB-6		4.1	5.6	4.4	4.7
7	IVT-NB-7		24.1	33.8	5.9	21.2
8	IVT-NB-8		5.2	4.3	2.0	3.8
9	IVT-NB-9		1.5	7.4	5.2	4.7
10	IVT-NB-10		ND	7.9	6.6	7.3
11	IVT-NB-11		5.1	6.3	2.5	4.6
12	IVT-NB-12		21.9	16.3	10.3	16.1
13	IVT-NB-13		4.6	7.2	1.2	4.3
14	IVT-NB-14		3.8	13.5	2.6	6.6
15	IVT-NB-15		11.5	39.0	1.4	17.3
16	IVT-NB-16		2.5	3.3	1.3	2.4
17	IVT-NB-17		6.7	20.2	2.3	9.7
18	IVT-NB-18		2.1	15.0	9.3	8.8
19	IVT-NB-19		5.3	6.5	4.2	5.3
20	IVT-NB-20		9.6	14.1	6.2	10.0
21	IVT-NB-21		8.8	20.5	9.0	12.8
22	IVT-NB-22		11.5	43.5	1.8	18.9
23	IVT-NB-23		5.5	29.3	3.7	12.8
24	IVT-NB-24		2.6	3.8	1.5	2.6
25	IVT-NB-25		2.7	11.8	2.2	5.5
26	IVT-NB-26		2.7	4.1	2.7	3.2
27	IVT-NB-27		7.2	5.8	3.9	5.6
28	IVT-NB-28		4.7	16.8	8.3	9.9
29	IVT-NB-29		12.0	13.4	12.0	12.5
30	IVT-NB-30		1.7	7.8	4.9	4.8
31	IVT-NB-31		2.6	15.0	5.5	7.7
32	IVT-NB-32		7.5	5.7	2.5	5.3
33	IVT-NB-33		1.4	3.9	1.0	2.1
34	IVT-NB-34		3.8	2.0	2.7	2.8
35	IVT-NB-35		1.6	3.8	3.0	2.8
36	IVT-NB-36		5.4	7.9	6.1	6.5
AVG			6.2	13.5	4.3	8.0

Moisture

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		9.5	11.5	14.5	11.8
2	IVT-NB-2		11.6	11.6	11.8	11.6
3	IVT-NB-3		9.5	11.5	11.7	10.9
4	IVT-NB-4		9.3	11.7	12.6	11.2
5	IVT-NB-5		9.4	11.6	11.3	10.8
6	IVT-NB-6		9.7	11.2	11.6	10.8
7	IVT-NB-7		9.8	11.6	14.5	12.0
8	IVT-NB-8		9.2	11.8	12.7	11.2
9	IVT-NB-9		10.9	11.1	12.6	11.5
10	IVT-NB-10		10.0	11.4	10.7	10.7
11	IVT-NB-11		9.7	11.9	10.5	10.7
12	IVT-NB-12		9.4	11.7	11.8	11.0
13	IVT-NB-13		10.3	12.1	11.3	11.2
14	IVT-NB-14		9.8	11.6	11.4	10.9
15	IVT-NB-15		9.8	11.8	11.7	11.1
16	IVT-NB-16		9.3	11.5	11.9	10.9
17	IVT-NB-17		9.8	11.5	11.0	10.8
18	IVT-NB-18		10.7	11.5	12.2	11.5
19	IVT-NB-19		9.3	11.1	11.2	10.5
20	IVT-NB-20		9.6	11.6	12.7	11.3
21	IVT-NB-21		9.4	11.1	12.2	10.9
22	IVT-NB-22		10.0	10.8	12.6	11.1
23	IVT-NB-23		9.5	11.1	9.7	10.1
24	IVT-NB-24		10.3	12.2	11.5	11.3
25	IVT-NB-25		10.4	11.4	11.3	11.0
26	IVT-NB-26		9.4	12.0	12.5	11.3
27	IVT-NB-27		10.5	11.5	12.3	11.4
28	IVT-NB-28		10.4	11.4	11.7	11.1
29	IVT-NB-29		9.7	11.6	12.4	11.2
30	IVT-NB-30		9.8	11.8	10.9	10.8
31	IVT-NB-31		9.5	11.8	10.4	10.6
32	IVT-NB-32		10.4	12.0	12.1	11.5
33	IVT-NB-33		9.6	11.9	11.9	11.1
34	IVT-NB-34		10.1	11.7	12.5	11.4
35	IVT-NB-35		10.1	11.5	12.6	11.4
36	IVT-NB-36		11.8	10.7	11.3	11.3

Starch

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	RANCHI	MEAN
1	IVT-NB-1		60.9	59.4	58.5	59.6
2	IVT-NB-2		59.6	61.4	59.9	60.3
3	IVT-NB-3		62.4	63.0	61.3	62.2
4	IVT-NB-4		63.2	61.5	61.0	61.9
5	IVT-NB-5		61.9	62.3	61.0	61.7
6	IVT-NB-6		61.2	61.4	59.2	60.6
7	IVT-NB-7		60.9	60.5	59.2	60.2
8	IVT-NB-8		63.9	63.5	60.4	62.6
9	IVT-NB-9		59.8	60.3	58.5	59.5
10	IVT-NB-10		59.7	60.0	60.6	60.1
11	IVT-NB-11		61.0	61.3	60.3	60.9
12	IVT-NB-12		64.2	63.3	61.5	63.0
13	IVT-NB-13		60.1	60.4	59.2	59.9
14	IVT-NB-14		60.4	59.5	59.1	59.7
15	IVT-NB-15		61.6	59.9	60.5	60.7
16	IVT-NB-16		60.7	62.3	60.0	61.0
17	IVT-NB-17		61.0	61.0	61.0	61.0
18	IVT-NB-18		60.0	59.7	60.2	60.0
19	IVT-NB-19		62.2	62.3	59.6	61.3
20	IVT-NB-20		61.9	61.7	59.7	61.1
21	IVT-NB-21		62.1	62.2	58.4	60.9
22	IVT-NB-22		61.5	60.6	60.3	60.8
23	IVT-NB-23		61.7	61.1	61.5	61.4
24	IVT-NB-24		60.5	60.2	59.7	60.1
25	IVT-NB-25		60.3	59.5	59.9	59.9
26	IVT-NB-26		61.6	61.3	59.7	60.9
27	IVT-NB-27		59.9	61.2	59.9	60.3
28	IVT-NB-28		59.9	59.5	59.4	59.6
29	IVT-NB-29		63.2	64.2	61.2	62.8
30	IVT-NB-30		60.7	61.4	60.4	60.8
31	IVT-NB-31		61.1	59.5	60.4	60.3
32	IVT-NB-32		60.4	62.5	60.5	61.1
33	IVT-NB-33		60.9	60.4	59.4	60.2
34	IVT-NB-34		60.5	60.6	58.1	59.7
35	IVT-NB-35		60.6	59.0	59.3	59.6
36	IVT-NB-36		59.6	62.1	58.5	60.1
AVG			61.1	61.1	59.9	60.7

IVT-NB-CZ

TGW

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		30.2	32.0	38.9	33.7
2	IVT-NB-2		25.4	27.8	36.0	29.7
3	IVT-NB-3		34.9	38.5	36.8	36.7
4	IVT-NB-4		31.4	34.1	35.0	33.5
5	IVT-NB-5		36.3	36.3	46.7	39.8
6	IVT-NB-6		32.0	28.9	27.0	29.3
7	IVT-NB-7		21.2	22.1	25.1	22.8
8	IVT-NB-8		37.3	37.4	43.5	39.4
9	IVT-NB-9		31.6	30.5	41.2	34.4
10	IVT-NB-10		39.6	37.0	44.5	40.4
11	IVT-NB-11		22.7	27.4	30.6	26.9
12	IVT-NB-12		29.5	32.4	32.2	31.4
13	IVT-NB-13		33.8	35.1	38.8	35.9
14	IVT-NB-14		27.3	30.5	34.7	30.8
15	IVT-NB-15		32.1	36.4	39.5	36.0
16	IVT-NB-16		39.9	44.5	47.9	44.1
17	IVT-NB-17		41.3	33.6	39.5	38.1
18	IVT-NB-18		28.0	29.9	41.3	33.1
19	IVT-NB-19		31.9	35.3	38.8	35.4
20	IVT-NB-20		33.0	31.6	35.5	33.4
21	IVT-NB-21		29.2	29.5	36.9	31.9
22	IVT-NB-22		32.5	35.0	43.8	37.1
23	IVT-NB-23		30.5	36.7	40.1	35.8
24	IVT-NB-24		30.5	34.4	35.0	33.3
25	IVT-NB-25		32.4	35.4	41.2	36.3
26	IVT-NB-26		33.5	49.1	58.1	46.9
27	IVT-NB-27		27.7	30.9	38.7	32.4
28	IVT-NB-28		29.7	31.2	37.1	32.7
29	IVT-NB-29		34.2	34.9	42.9	37.3
30	IVT-NB-30		34.8	45.4	47.9	42.7
31	IVT-NB-31		27.5	24.3	37.4	29.8
32	IVT-NB-32		24.7	36.0	34.1	31.6
33	IVT-NB-33		50.4	51.1	55.9	52.5
34	IVT-NB-34		36.1	35.4	46.8	39.4
35	IVT-NB-35		41.2	48.6	48.2	46.0
36	IVT-NB-36		29.2	30.4	35.7	31.8
AVG			32.3	34.7	39.8	35.6

PC

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		13.9	15.4	11.7	13.7
2	IVT-NB-2		15.9	16.6	10.4	14.3
3	IVT-NB-3		13.2	15.9	12.8	13.9
4	IVT-NB-4		13.0	15.6	11.1	13.3
5	IVT-NB-5		17.2	18.6	12.4	16.0
6	IVT-NB-6		12.0	17.2	13.1	14.1
7	IVT-NB-7		14.9	17.8	11.3	14.7
8	IVT-NB-8		12.4	17.0	12.7	14.0
9	IVT-NB-9		14.4	15.8	12.6	14.3
10	IVT-NB-10		16.5	18.8*	14.3	16.5
11	IVT-NB-11		13.9	15.6	12.7	14.0
12	IVT-NB-12		14.0	15.8	11.8	13.9
13	IVT-NB-13		14.5	16.1	12.0	14.2
14	IVT-NB-14		15.1	16.7	10.0*	13.9
15	IVT-NB-15		15.3	17.6	13.4	15.4
16	IVT-NB-16		13.4	16.1	12.9	14.1
17	IVT-NB-17		11.4	14.3	10.8	12.2
18	IVT-NB-18		15.1	17.4	10.4	14.3
19	IVT-NB-19		14.4	16.6	13.8	14.9
20	IVT-NB-20		14.5	17.5	12.9	15.0
21	IVT-NB-21		15.2	18.2	11.3	14.9
22	IVT-NB-22		15.1*	18.8	15.2	16.3
23	IVT-NB-23		15.3	17.4	13.1	15.3
24	IVT-NB-24		14.1	16.0	12.3	14.1
25	IVT-NB-25		13.2	15.1	10.3	12.9
26	IVT-NB-26		15.9	17.5	13.2	15.6
27	IVT-NB-27		12.9	14.8	10.1	12.6
28	IVT-NB-28		15.4	18.6	12.5	15.5
29	IVT-NB-29		14.2	17.8	10.8	14.3
30	IVT-NB-30		16.7*	18.3	12.3	15.7
31	IVT-NB-31		16.8	19.8*	11.3	15.9
32	IVT-NB-32		15.1	16.4	11.4	14.3
33	IVT-NB-33		17.4	17.9	13.6	16.3
34	IVT-NB-34		15.8	18.4*	14.0	16.1
35	IVT-NB-35		13.4	15.3	10.8	13.2
36	IVT-NB-36		13.9	16.2	11.1	13.7
AVG			14.6	16.9	12.1	14.5

*Samples are under repeat analysis for confirmation

HL

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		76.3	74.4	64.6	71.8
2	IVT-NB-2		75.4	74.7	59.2	69.8
3	IVT-NB-3		76.5	77.7	74.6	76.2
4	IVT-NB-4		74.9	75.9	65.2	72.0
5	IVT-NB-5		73.0	71.1	68.3	70.8
6	IVT-NB-6		76.1	67.3	56.5	66.6
7	IVT-NB-7		73.3	70.5	54.8	66.2
8	IVT-NB-8		75.4	73.6	73.0	74.0
9	IVT-NB-9		79.0	74.7	56.6	70.1
10	IVT-NB-10		73.0	71.3	62.8	69.0
11	IVT-NB-11		77.1	74.3	55.3	68.9
12	IVT-NB-12		76.5	76.1	68.0	73.5
13	IVT-NB-13		73.5	76.9	62.8	71.1
14	IVT-NB-14		72.0	71.7	56.6	66.7
15	IVT-NB-15		76.6	75.0	74.8	75.5
16	IVT-NB-16		77.1	77.6	72.6	75.8
17	IVT-NB-17		79.4	75.6	55.7	70.2
18	IVT-NB-18		75.6	63.0	55.3	64.6
19	IVT-NB-19		80.9	76.6	69.8	75.8
20	IVT-NB-20		76.5	76.4	67.6	73.5
21	IVT-NB-21		77.8	75.0	66.2	73.0
22	IVT-NB-22		74.5	75.1	75.2	74.9
23	IVT-NB-23		77.2	75.9	71.3	74.8
24	IVT-NB-24		75.0	73.9	62.5	70.5
25	IVT-NB-25		76.8	78.0	59.1	71.3
26	IVT-NB-26		74.8	75.5	73.1	74.5
27	IVT-NB-27		77.7	75.7	54.7	69.4
28	IVT-NB-28		77.0	69.6	58.1	68.2
29	IVT-NB-29		73.8	72.8	67.5	71.3
30	IVT-NB-30		71.9	73.6	70.1	71.9
31	IVT-NB-31		73.4	72.4	65.8	70.5
32	IVT-NB-32		73.4	73.3	53.5	66.7
33	IVT-NB-33		73.0	73.5	69.2	71.9
34	IVT-NB-34		73.6	71.1	74.8	73.2
35	IVT-NB-35		77.0	74.3	53.0	68.1
36	IVT-NB-36		74.6	72.2	58.6	68.4
AVG			75.5	73.8	64.1	71.1

Bold grain

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		33.8	45.9	78.6	52.7
2	IVT-NB-2		6.5	10.5	64.4	27.1
3	IVT-NB-3		18.5	43.6	52.4	38.2
4	IVT-NB-4		10.1	24.0	37.9	24.0
5	IVT-NB-5		9.0	24.4	67.7	33.7
6	IVT-NB-6		5.8	26.5	27.1	19.8
7	IVT-NB-7		4.0	2.1	33.3	13.2
8	IVT-NB-8		20.3	37.4	62.3	40.0
9	IVT-NB-9		19.4	17.8	73.1	36.8
10	IVT-NB-10		24.0	29.5	73.2	42.2
11	IVT-NB-11		5.1	9.8	49.7	21.5
12	IVT-NB-12		5.1	6.6	33.0	14.9
13	IVT-NB-13		3.5	8.8	49.7	20.7
14	IVT-NB-14		11.8	30.9	71.2	38.0
15	IVT-NB-15		23.6	40.5	75.7	46.6
16	IVT-NB-16		35.5	53.9	86.7	58.7
17	IVT-NB-17		45.7	33.8	62.8	47.4
18	IVT-NB-18		10.9	13.7	74.8	33.1
19	IVT-NB-19		26.7	33.2	75.1	45.0
20	IVT-NB-20		22.7	76.4	44.4	47.8
21	IVT-NB-21		6.9	7.2	55.3	23.1
22	IVT-NB-22		20.9	35.1	77.4	44.5
23	IVT-NB-23		23.2	47.7	75.1	48.7
24	IVT-NB-24		34.7	51.0	74.4	53.4
25	IVT-NB-25		16.6	23.6	73.2	37.8
26	IVT-NB-26		30.8	54.7	82.6	56.1
27	IVT-NB-27		4.2	14.2	57.9	25.4
28	IVT-NB-28		8.4	18.0	58.4	28.2
29	IVT-NB-29		13.9	16.2	52.7	27.6
30	IVT-NB-30		9.7	44.7	57.7	37.3
31	IVT-NB-31		14.3	9.4	76.3	33.3
32	IVT-NB-32		7.7	24.7	48.9	27.1
33	IVT-NB-33		55.1	71.1	88.5	71.6
34	IVT-NB-34		9.7	15.5	73.7	33.0
35	IVT-NB-35		67.7	86.8	95.1	83.2
36	IVT-NB-36		9.1	21.4	62.5	31.0
AVG			18.7	30.8	64.0	37.8

Thin Grain

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		19.7	15.9	3.4	13.0
2	IVT-NB-2		51.5	38.9	6.1	32.2
3	IVT-NB-3		27.3	10.4	9.6	15.8
4	IVT-NB-4		39.4	26.8	18.1	28.1
5	IVT-NB-5		47.5	32.1	8.7	29.4
6	IVT-NB-6		34.7	32.3	32.5	33.1
7	IVT-NB-7		82.9	84.4	23.1	63.5
8	IVT-NB-8		28.1	21.3	8.6	19.3
9	IVT-NB-9		28.0	30.5	7.2	21.9
10	IVT-NB-10		15.6	24.9	3.3	14.6
11	IVT-NB-11		60.7	45.1	11.3	39.0
12	IVT-NB-12		50.8	40.4	14.0	35.1
13	IVT-NB-13		44.0	26.8	6.9	25.9
14	IVT-NB-14		44.2	23.9	4.3	24.1
15	IVT-NB-15		26.9	16.0	3.2	15.4
16	IVT-NB-16		19.8	13.4	2.4	11.9
17	IVT-NB-17		15.8	24.2	9.8	16.6
18	IVT-NB-18		47.4	43.2	4.7	31.8
19	IVT-NB-19		23.8	19.7	4.4	16.0
20	IVT-NB-20		26.2	29.6	13.2	23.0
21	IVT-NB-21		44.2	44.4	10.5	33.0
22	IVT-NB-22		35.1	20.7	3.5	19.7
23	IVT-NB-23		33.5	11.1	2.9	15.8
24	IVT-NB-24		17.3	9.4	4.6	10.4
25	IVT-NB-25		37.7	27.6	3.5	22.9
26	IVT-NB-26		17.8	11.7	2.7	10.7
27	IVT-NB-27		53.3	28.0	5.5	28.9
28	IVT-NB-28		47.9	36.8	9.1	31.2
29	IVT-NB-29		40.9	38.3	10.1	29.8
30	IVT-NB-30		39.5	17.7	5.6	20.9
31	IVT-NB-31		35.9	56.2	2.8	31.6
32	IVT-NB-32		62.0	14.0	8.2	28.1
33	IVT-NB-33		5.3	6.8	2.0	4.7
34	IVT-NB-34		39.0	40.5	4.1	27.9
35	IVT-NB-35		5.1	1.4	1.0	2.5
36	IVT-NB-36		35.8	32.0	6.9	24.9
AVG			35.7	27.7	7.7	23.7

Moisture

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		8.7	9.1	7.4	8.4
2	IVT-NB-2		8.5	9.1	7.7	8.4
3	IVT-NB-3		8.8	9.5	7.3	8.6
4	IVT-NB-4		8.8	9.4	7.6	8.6
5	IVT-NB-5		8.5	9.3	7.6	8.5
6	IVT-NB-6		8.9	9.2	7.8	8.6
7	IVT-NB-7		8.4	9.3	7.9	8.5
8	IVT-NB-8		8.9	9.2	7.6	8.5
9	IVT-NB-9		8.7	9.1	7.7	8.5
10	IVT-NB-10		8.5	9.3	7.3	8.4
11	IVT-NB-11		8.6	9.3	7.6	8.5
12	IVT-NB-12		8.8	9.5	7.9	8.7
13	IVT-NB-13		5.8	9.2	7.4	7.5
14	IVT-NB-14		8.5	9.0	7.9	8.5
15	IVT-NB-15		8.8	9.5	7.4	8.6
16	IVT-NB-16		8.4	9.0	7.3	8.2
17	IVT-NB-17		9.1	9.5	7.7	8.8
18	IVT-NB-18		8.6	9.2	8.3	8.7
19	IVT-NB-19		8.7	9.6	7.1	8.5
20	IVT-NB-20		8.4	9.0	7.6	8.3
21	IVT-NB-21		8.5	9.3	7.5	8.4
22	IVT-NB-22		8.6	9.2	7.2	8.3
23	IVT-NB-23		8.7	9.4	7.6	8.6
24	IVT-NB-24		8.5	9.2	7.4	8.4
25	IVT-NB-25		8.7	8.9	7.6	8.4
26	IVT-NB-26		8.6	9.4	7.4	8.5
27	IVT-NB-27		8.7	9.4	7.3	8.5
28	IVT-NB-28		8.1	9.3	7.7	8.4
29	IVT-NB-29		8.7	9.2	7.4	8.5
30	IVT-NB-30		8.5	9.0	7.2	8.2
31	IVT-NB-31		8.2	8.8	7.3	8.1
32	IVT-NB-32		8.2	9.2	8.0	8.5
33	IVT-NB-33		8.8	9.3	7.1	8.4
34	IVT-NB-34		8.8	8.7	7.1	8.2
35	IVT-NB-35		8.6	9.6	7.6	8.6
36	IVT-NB-36		8.6	9.1	8.1	8.6
AVG			8.5	9.2	7.5	8.4

Starch

SR.NO	Code	Genotype	UDAIPUR	VIJAPUR	BANDA	MEAN
1	IVT-NB-1		64.3	62.5	64.7	63.8
2	IVT-NB-2		62.5	61.9	63.9	62.8
3	IVT-NB-3		64.9	62.0	65.7	64.2
4	IVT-NB-4		64.6	62.1	66.2	64.3
5	IVT-NB-5		60.7	59.7	64.1	61.5
6	IVT-NB-6		65.8	60.2	62.4	62.8
7	IVT-NB-7		62.7	60.3	63.6	62.2
8	IVT-NB-8		64.7	61.6	66.4	64.2
9	IVT-NB-9		64.0	62.6	62.3	63.0
10	IVT-NB-10		61.3	59.6	63.1	61.3
11	IVT-NB-11		63.9	62.1	63.1	63.0
12	IVT-NB-12		64.0	61.7	64.9	63.5
13	IVT-NB-13		63.8	62.4	64.1	63.4
14	IVT-NB-14		63.5	61.3	63.1	62.6
15	IVT-NB-15		62.3	60.8	65.5	62.9
16	IVT-NB-16		65.8	62.3	65.6	64.6
17	IVT-NB-17		65.6	62.3	63.7	63.9
18	IVT-NB-18		63.3	59.7	62.6	61.9
19	IVT-NB-19		64.5	61.9	64.9	63.7
20	IVT-NB-20		64.3	61.4	65.3	63.7
21	IVT-NB-21		62.2	59.6	65.3	62.4
22	IVT-NB-22		62.7	60.3	64.2	62.4
23	IVT-NB-23		62.8	61.0	64.6	62.8
24	IVT-NB-24		64.2	61.7	64.3	63.4
25	IVT-NB-25		64.2	62.5	63.8	63.5
26	IVT-NB-26		62.1	60.7	62.2	61.7
27	IVT-NB-27		64.6	60.7	63.9	63.1
28	IVT-NB-28		63.2	60.0	62.9	62.1
29	IVT-NB-29		63.9	61.0	65.6	63.5
30	IVT-NB-30		61.6	60.4	65.3	62.4
31	IVT-NB-31		62.2	59.2	65.1	62.2
32	IVT-NB-32		62.9	61.5	62.9	62.4
33	IVT-NB-33		61.2	60.8	64.7	62.2
34	IVT-NB-34		62.2	60.5	63.3	62.0
35	IVT-NB-35		64.5	61.8	63.0	63.1
36	IVT-NB-36		64.0	61.6	63.2	63.0
AVG			63.5	61.2	64.2	62.9

AVT/IVT-RF-NB-NHZ**TGW**

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		32.2	36.2	34.2	34.2
2	AVT/IVT-RF-NB-NHZ-2		40.5	45.0	39.1	41.5
3	AVT/IVT-RF-NB-NHZ-3		38.2	43.4	37.5	39.7
4	AVT/IVT-RF-NB-NHZ-4		34.6	38.4	32.7	35.2
5	AVT/IVT-RF-NB-NHZ-5		34.0	43.0	33.6	36.9
6	AVT/IVT-RF-NB-NHZ-6		31.1	40.2	28.8	33.4
7	AVT/IVT-RF-NB-NHZ-7		31.1	35.1	33.1	33.1
8	AVT/IVT-RF-NB-NHZ-8		29.6	36.3	33.6	33.1
9	AVT/IVT-RF-NB-NHZ-9		26.6	35.7	29.6	30.6
10	AVT/IVT-RF-NB-NHZ-10		33.8	36.6	30.2	33.6
11	AVT/IVT-RF-NB-NHZ-11		41.4	45.6	40.5	42.5
12	AVT/IVT-RF-NB-NHZ-12		39.6	45.3	37.6	40.8
13	AVT/IVT-RF-NB-NHZ-13		44.0	47.0	45.9	45.6
14	AVT/IVT-RF-NB-NHZ-14		33.0	39.7	38.3	37.0
AVG			35.0	40.5	35.3	37.0

PC

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		9.4	13.0	11.7	11.4
2	AVT/IVT-RF-NB-NHZ-2		9.4	10.6	9.9	10.0
3	AVT/IVT-RF-NB-NHZ-3		9.0	10.8	10.9	10.3
4	AVT/IVT-RF-NB-NHZ-4		9.5	12.5	10.6	10.9
5	AVT/IVT-RF-NB-NHZ-5		9.0	11.9	11.1	10.7
6	AVT/IVT-RF-NB-NHZ-6		8.6	12.6	10.6	10.6
7	AVT/IVT-RF-NB-NHZ-7		8.9	14.8	10.2	11.3
8	AVT/IVT-RF-NB-NHZ-8		9.8	13.7	10.3	11.3
9	AVT/IVT-RF-NB-NHZ-9		9.3	14.1	11.8	11.7
10	AVT/IVT-RF-NB-NHZ-10		9.8	14.7	11.8	12.1
11	AVT/IVT-RF-NB-NHZ-11		13.5	11.9	12.5	12.6
12	AVT/IVT-RF-NB-NHZ-12		10.0	11.8	11.6	11.1
13	AVT/IVT-RF-NB-NHZ-13		8.8	11.3	10.5	10.2
14	AVT/IVT-RF-NB-NHZ-14		10.3	14.0	12.6	12.3
AVG			9.7	12.7	11.2	11.2

HL

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		78.5	69.9	71.4	73.2
2	AVT/IVT-RF-NB-NHZ-2		81.3	57.5	63.9	67.6
3	AVT/IVT-RF-NB-NHZ-3		81.5	57.2	66.5	68.4
4	AVT/IVT-RF-NB-NHZ-4		78.7	69.8	71.5	73.3
5	AVT/IVT-RF-NB-NHZ-5		79.2	73.3	72.8	75.1
6	AVT/IVT-RF-NB-NHZ-6		78.7	69.3	69.4	72.5
7	AVT/IVT-RF-NB-NHZ-7		78.4	70.0	70.4	72.9
8	AVT/IVT-RF-NB-NHZ-8		76.9	68.8	72.1	72.6
9	AVT/IVT-RF-NB-NHZ-9		77.8	68.4	68.3	71.5
10	AVT/IVT-RF-NB-NHZ-10		78.2	67.1	70.7	72.0
11	AVT/IVT-RF-NB-NHZ-11		80.0	72.4	60.5	71.0
12	AVT/IVT-RF-NB-NHZ-12		80.5	71.0	62.2	71.2
13	AVT/IVT-RF-NB-NHZ-13		81.5	62.1	63.2	69.0
14	AVT/IVT-RF-NB-NHZ-14		79.7	68.5	67.8	72.0
AVG			79.4	67.5	67.9	71.6

Bold grain

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		13.3	10.0	18.9	14.1
2	AVT/IVT-RF-NB-NHZ-2		65.3	91.0	73.5	76.6
3	AVT/IVT-RF-NB-NHZ-3		44.5	74.4	49.9	56.3
4	AVT/IVT-RF-NB-NHZ-4		27.7	35.3	23.9	28.9
5	AVT/IVT-RF-NB-NHZ-5		38.2	39.3	39.3	38.9
6	AVT/IVT-RF-NB-NHZ-6		11.9	24.4	20.8	19.0
7	AVT/IVT-RF-NB-NHZ-7		15.5	13.4	25.3	18.0
8	AVT/IVT-RF-NB-NHZ-8		10.6	14.9	25.3	16.9
9	AVT/IVT-RF-NB-NHZ-9		4.7	10.0	13.0	9.3
10	AVT/IVT-RF-NB-NHZ-10		18.2	15.9	15.8	16.6
11	AVT/IVT-RF-NB-NHZ-11		80.9	36.6	67.2	61.6
12	AVT/IVT-RF-NB-NHZ-12		59.8	71.7	63.4	64.9
13	AVT/IVT-RF-NB-NHZ-13		81.1	77.6	84.2	81.0
14	AVT/IVT-RF-NB-NHZ-14		36.0	51.6	45.7	44.4
AVG			36.3	40.4	40.4	39.0

Thin Grain

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		35.8	44.4	47.2	42.5
2	AVT/IVT-RF-NB-NHZ-2		4.4	0.8	4.9	3.4
3	AVT/IVT-RF-NB-NHZ-3		8.3	3.5	12.5	8.1
4	AVT/IVT-RF-NB-NHZ-4		31.6	26.3	37.0	31.6
5	AVT/IVT-RF-NB-NHZ-5		30.3	17.5	41.8	29.9
6	AVT/IVT-RF-NB-NHZ-6		36.6	26.3	42.9	35.3
7	AVT/IVT-RF-NB-NHZ-7		33.8	36.7	39.5	36.7
8	AVT/IVT-RF-NB-NHZ-8		44.2	31.3	37.6	37.7
9	AVT/IVT-RF-NB-NHZ-9		52.4	40.2	51.2	47.9
10	AVT/IVT-RF-NB-NHZ-10		32.0	34.7	50.6	39.1
11	AVT/IVT-RF-NB-NHZ-11		3.4	17.2	7.2	9.2
12	AVT/IVT-RF-NB-NHZ-12		15.2	4.2	9.3	9.6
13	AVT/IVT-RF-NB-NHZ-13		3.9	7.1	3.1	4.7
14	AVT/IVT-RF-NB-NHZ-14		23.8	12.8	19.3	18.6
AVG			25.4	21.6	28.8	25.3

Moisture

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		9.6	11.7	13.6	11.6
2	AVT/IVT-RF-NB-NHZ-2		9.6	12.5	14.1	12.1
3	AVT/IVT-RF-NB-NHZ-3		9.4	12.7	13.9	12.0
4	AVT/IVT-RF-NB-NHZ-4		9.6	12.0	13.2	11.6
5	AVT/IVT-RF-NB-NHZ-5		9.4	12.4	13.6	11.8
6	AVT/IVT-RF-NB-NHZ-6		9.4	12.4	12.8	11.6
7	AVT/IVT-RF-NB-NHZ-7		9.4	13.0	13.1	11.8
8	AVT/IVT-RF-NB-NHZ-8		9.4	12.4	13.1	11.7
9	AVT/IVT-RF-NB-NHZ-9		9.3	12.3	13.5	11.7
10	AVT/IVT-RF-NB-NHZ-10		9.5	11.7	13.4	11.5
11	AVT/IVT-RF-NB-NHZ-11		9.8	12.1	14.7	12.2
12	AVT/IVT-RF-NB-NHZ-12		9.4	12.5	14.2	13.7
13	AVT/IVT-RF-NB-NHZ-13		9.4	12.5	13.7	11.9
14	AVT/IVT-RF-NB-NHZ-14		9.4	12.0	12.8	11.4
AVG			9.5	12.3	13.9	11.9

Starch

SR.NO	Code	Genotype	SHIMLA	KHUDWANI	BAJAURA	MEAN
1	AVT/IVT-RF-NB-NHZ-1		65.2	61.4	60.6	62.4
2	AVT/IVT-RF-NB-NHZ-2		67.2	60.7	61.0	63.0
3	AVT/IVT-RF-NB-NHZ-3		66.4	59.8	59.5	61.9
4	AVT/IVT-RF-NB-NHZ-4		65.5	61.2	62.1	62.9
5	AVT/IVT-RF-NB-NHZ-5		65.8	61.3	61.0	62.7
6	AVT/IVT-RF-NB-NHZ-6		65.9	61.0	61.6	62.8
7	AVT/IVT-RF-NB-NHZ-7		65.5	60.3	62.0	62.6
8	AVT/IVT-RF-NB-NHZ-8		64.6	60.2	61.7	62.1
9	AVT/IVT-RF-NB-NHZ-9		65.3	60.4	60.4	62.0
10	AVT/IVT-RF-NB-NHZ-10		64.9	60.4	60.5	61.9
11	AVT/IVT-RF-NB-NHZ-11		63.2	62.0	59.7	61.6
12	AVT/IVT-RF-NB-NHZ-12		66.3	61.5	59.2	62.3
13	AVT/IVT-RF-NB-NHZ-13		67.3	60.7	60.6	62.9
14	AVT/IVT-RF-NB-NHZ-14		60.6	59.0	59.3	59.6
AVG			65.3	60.7	60.6	62.2

AVT-FB-NWPZ**TGW**

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		33.5	31.9	23.3	29.6
2	AVT-FB-NWPZ-2		47.2	41.7	35.3	41.4
3	AVT-FB-NWPZ-3		40.0	38.1	33.3	37.1
4	AVT-FB-NWPZ-4		48.8	40.4	42.1	43.8
5	AVT-FB-NWPZ-5		37.5	34.0	35.9	35.8
6	AVT-FB-NWPZ-6		40.2	35.9	29.8	35.3
7	AVT-FB-NWPZ-7		46.9	44.8	36.5	42.8
AVG			42.0	38.1	33.7	38.0

PC

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		9.4	11.6	14.7	11.9
2	AVT-FB-NWPZ-2		10.8	11.5	10.1	10.8
3	AVT-FB-NWPZ-3		8.9	13.8	11.3	11.4
4	AVT-FB-NWPZ-4		9.6	11.7	10.7	10.6
5	AVT-FB-NWPZ-5		10.0	13.3	12.4	11.9
6	AVT-FB-NWPZ-6		10.0	13.3	14.5	12.6
7	AVT-FB-NWPZ-7		9.6	11.9	11.0	10.8
AVG			9.7	12.5	12.1	11.4

HL

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		62.2	58.7	50.5	57.1
2	AVT-FB-NWPZ-2		67.3	59.9	55.3	60.8
3	AVT-FB-NWPZ-3		63.9	58.2	54.0	58.7
4	AVT-FB-NWPZ-4		65.6	59.1	56.8	60.5
5	AVT-FB-NWPZ-5		63.4	56.8	53.8	58.0
6	AVT-FB-NWPZ-6		64.6	62.1	52.1	59.6
7	AVT-FB-NWPZ-7		64.8	62.6	56.4	61.3
AVG			64.5	59.6	54.1	59.4

Bold grain

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		50.8	52.1	22.5	41.8
2	AVT-FB-NWPZ-2		89.8	86.0	75.9	83.9
3	AVT-FB-NWPZ-3		77.2	79.9	83.1	80.0
4	AVT-FB-NWPZ-4		92.1	86.4	77.2	85.2
5	AVT-FB-NWPZ-5		68.1	71.4	75.7	71.7
6	AVT-FB-NWPZ-6		64.6	63.7	42.4	56.9
7	AVT-FB-NWPZ-7		90.2	91.7	70.5	84.1
AVG			76.1	75.9	63.9	72.0

Thin Grain

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		10.4	12.7	39.7	20.9
2	AVT-FB-NWPZ-2		0.6	3.4	5.9	3.3
3	AVT-FB-NWPZ-3		1.8	3.9	3.0	2.9
4	AVT-FB-NWPZ-4		0.9	3.9	6.3	3.7
5	AVT-FB-NWPZ-5		4.1	5.4	5.5	5.0
6	AVT-FB-NWPZ-6		2.6	7.5	19.4	9.9
7	AVT-FB-NWPZ-7		1.3	1.7	8.6	3.9
AVG			3.1	5.5	12.6	7.1

Moisture

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		8.9	9.8	9.4	9.4
2	AVT-FB-NWPZ-2		8.6	10.8	9.0	9.5
3	AVT-FB-NWPZ-3		8.4	9.3	9.6	9.1
4	AVT-FB-NWPZ-4		8.7	10.4	9.4	9.5
5	AVT-FB-NWPZ-5		8.6	9.5	10.1	9.4
6	AVT-FB-NWPZ-6		8.6	9.5	9.5	9.2
7	AVT-FB-NWPZ-7		8.6	9.6	9.5	9.2
AVG			8.6	9.8	9.5	9.3

Starch

SR.NO	Code	Genotype	DURAGPURAA	KARNAL	LUDHIANA	MEAN
1	AVT-FB-NWPZ-1		63.5	61.9	60.0	61.8
2	AVT-FB-NWPZ-2		63.6	61.1	62.1	62.3
3	AVT-FB-NWPZ-3		64.7	60.7	61.2	62.2
4	AVT-FB-NWPZ-4		63.7	60.9	61.8	62.1
5	AVT-FB-NWPZ-5		63.6	60.5	60.5	61.5
6	AVT-FB-NWPZ-6		64.4	61.5	60.6	62.2
7	AVT-FB-NWPZ-7		64.1	62.1	61.5	62.6
AVG			64.0	61.3	61.1	62.1

AVT-FB-NEPZ**TGW**

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		34.2	33.3	33.5	33.7
2	AVT-FB-NEPZ-2		42.5	38.7	42.8	41.3
3	AVT-FB-NEPZ-3		44.8	45.7	41.4	44.0
4	AVT-FB-NEPZ-4		39.7	40.1	39.3	39.7
5	AVT-FB-NEPZ-5		52.0	46.2	41.5	46.6
6	AVT-FB-NEPZ-6		44.5	45.5	42.1	44.0
AVG			43.0	41.6	40.1	41.5

PC

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		11.0	11.8	11.1	11.3
2	AVT-FB-NEPZ-2		11.0	11.6	9.4	10.6
3	AVT-FB-NEPZ-3		9.0	10.8	9.3	9.7
4	AVT-FB-NEPZ-4		9.5	11.4	9.6	10.2
5	AVT-FB-NEPZ-5		9.4	10.9	9.5	10.0
6	AVT-FB-NEPZ-6		10.1	10.9	9.8	10.2
AVG			10.0	11.2	9.8	10.3

HL

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		62.5	64.5	66.9	64.6
2	AVT-FB-NEPZ-2		55.3	56.4	58.1	56.6
3	AVT-FB-NEPZ-3		57.5	59.2	56.4	57.7
4	AVT-FB-NEPZ-4		59.0	58.6	58.9	58.8
5	AVT-FB-NEPZ-5		59.0	59.5	57.2	58.6
6	AVT-FB-NEPZ-6		55.0	58.6	55.3	56.3
AVG			58.0	59.5	58.8	58.8

Bold grain

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		58.4	63.1	63.6	61.7
2	AVT-FB-NEPZ-2		87.3	76.6	86.7	83.5
3	AVT-FB-NEPZ-3		94.6	90.6	90.4	91.9
4	AVT-FB-NEPZ-4		75.2	68.4	67.7	70.4
5	AVT-FB-NEPZ-5		98.7	92.8	90.0	93.8
6	AVT-FB-NEPZ-6		51.6	90.1	81.3	74.3
AVG			77.6	80.3	79.9	79.3

Thin Grain

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		8.9	7.2	6.8	7.6
2	AVT-FB-NEPZ-2		2.4	5.4	2.6	3.4
3	AVT-FB-NEPZ-3		1.2	2.0	1.8	1.7
4	AVT-FB-NEPZ-4		4.7	6.6	5.5	5.6
5	AVT-FB-NEPZ-5		0.3	1.0	1.7	1.0
6	AVT-FB-NEPZ-6		1.1	2.1	2.8	2.0
AVG			3.1	4.1	3.5	3.6

Moisture

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		10.5	12.9	11.2	11.6
2	AVT-FB-NEPZ-2		10.8	12.2	11.8	11.6
3	AVT-FB-NEPZ-3		11.1	12.6	11.6	11.8
4	AVT-FB-NEPZ-4		10.0	12.3	11.5	11.2
5	AVT-FB-NEPZ-5		10.8	12.6	11.7	11.7
6	AVT-FB-NEPZ-6		11.5	13.4	11.3	12.1
AVG			10.8	12.7	11.5	11.7

Starch

SR.NO	Code	Genotype	KANPUR	SAMASTIPUR	FAIZABAD	MEAN
1	AVT-FB-NEPZ-1		61.6	61.1	62.4	61.7
2	AVT-FB-NEPZ-2		59.3	60.2	61.1	60.2
3	AVT-FB-NEPZ-3		60.4	61.2	61.5	61.0
4	AVT-FB-NEPZ-4		61.4	61.2	61.9	61.5
5	AVT-FB-NEPZ-5		60.7	60.7	61.4	61.0
6	AVT-FB-NEPZ-6		59.3	60.3	60.8	60.1
AVG			60.4	60.8	61.5	60.9

AVT-FB-CZ**TGW**

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		30.5	34.8	33.4	32.9
2	AVT-FB-CZ-2		43.9	45.3	38.8	42.7
3	AVT-FB-CZ-3		38.7	42.5	45.9	42.3
4	AVT-FB-CZ-4		40.2	39.1	43.0	40.8
5	AVT-FB-CZ-5		42.6	38.5	47.7	42.9
6	AVT-FB-CZ-6		42.0	46.5	41.7	43.4
7	AVT-FB-CZ-7		41.4	41.9	40.1	41.1
AVG			39.9	41.2	41.5	40.9

PC

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		11.2	9.9	14.4	11.9
2	AVT-FB-CZ-2		10.4	9.4	13.5	11.1
3	AVT-FB-CZ-3		11.7	8.6	12.7	11.0
4	AVT-FB-CZ-4		10.2	9.0	13.4	10.9
5	AVT-FB-CZ-5		12.2	11.1	13.7	12.3
6	AVT-FB-CZ-6		10.6	9.0	12.8	10.8
7	AVT-FB-CZ-7		10.1	9.8	13.4	11.1
AVG			10.9	9.5	13.4	11.3

HL

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		64.9	67.8	62.6	65.1
2	AVT-FB-CZ-2		58.8	60.9	57.3	59.0
3	AVT-FB-CZ-3		58.2	58.6	63.6	60.1
4	AVT-FB-CZ-4		56.5	58.9	62.1	59.1
5	AVT-FB-CZ-5		60.7	55.1	67.5	61.1
6	AVT-FB-CZ-6		59.1	61.9	61.9	61.0
7	AVT-FB-CZ-7		60.9	61.0	60.3	60.7
AVG			59.9	60.6	62.2	60.9

Bold grain

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		35.6	63.5	43.7	47.6
2	AVT-FB-CZ-2		84.9	91.9	68.5	81.8
3	AVT-FB-CZ-3		71.8	93.6	69.2	78.2
4	AVT-FB-CZ-4		80.1	83.1	81.3	81.5
5	AVT-FB-CZ-5		90.0	91.8	94.3	92.0
6	AVT-FB-CZ-6		82.9	93.6	80.5	85.7
7	AVT-FB-CZ-7		82.7	88.4	73.2	81.4
AVG			75.4	86.5	73.0	78.3

Thin Grain

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		23.8	7.2	15.2	15.4
2	AVT-FB-CZ-2		2.7	1.4	8.1	4.1
3	AVT-FB-CZ-3		9.3	1.3	7.3	5.9
4	AVT-FB-CZ-4		2.8	2.7	2.9	2.8
5	AVT-FB-CZ-5		2.5	2.2	1.1	1.9
6	AVT-FB-CZ-6		3.4	1.3	4.2	2.9
7	AVT-FB-CZ-7		3.6	2.1	7.4	4.4
AVG			6.9	2.6	6.6	5.4

Moisture

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		9.2	5.0	9.0	7.7
2	AVT-FB-CZ-2		9.2	5.4	9.4	8.0
3	AVT-FB-CZ-3		9.7	5.3	9.2	8.1
4	AVT-FB-CZ-4		9.2	5.7	8.9	7.9
5	AVT-FB-CZ-5		9.3	5.6	9.0	8.0
6	AVT-FB-CZ-6		9.5	5.5	4.4	6.5
7	AVT-FB-CZ-7		9.1	5.3	9.4	7.9
AVG			9.3	5.4	8.5	7.7

Starch

SR.NO	Code	Genotype	UDAIPUR	BANDA	VIJAPUR	MEAN
1	AVT-FB-CZ-1		63.9	66.6	62.1	64.2
2	AVT-FB-CZ-2		63.1	64.6	60.8	62.8
3	AVT-FB-CZ-3		62.3	65.1	62.1	63.2
4	AVT-FB-CZ-4		62.6	63.7	61.7	62.6
5	AVT-FB-CZ-5		61.7	62.1	61.5	61.7
6	AVT-FB-CZ-6		62.4	64.2	61.4	62.7
7	AVT-FB-CZ-7		63.2	65.0	61.0	63.0
AVG			62.7	64.5	61.5	62.9

IVT/AVT-RF-DP-NHZ**TGW**

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		43.1	37.9	43.9	41.7
2	IVT/AVT-RF-FB-DP-NHZ-2		38.5	37.4	36.8	37.5
3	IVT/AVT-RF-FB-DP-NHZ-3		42.6	44.2	54.6	47.1
4	IVT/AVT-RF-FB-DP-NHZ-4		41.2	35.4	46.5	41.0
5	IVT/AVT-RF-FB-DP-NHZ-5		50.4	42.6	49.4	47.4
6	IVT/AVT-RF-FB-DP-NHZ-6		41.1	37.9	47.9	42.3
7	IVT/AVT-RF-FB-DP-NHZ-7		48.8	44.7	49.4	47.6
8	IVT/AVT-RF-FB-DP-NHZ-8		52.6	45.9	59.7	52.7
9	IVT/AVT-RF-FB-DP-NHZ-9		48.4	34.3	56.5	46.4
10	IVT/AVT-RF-FB-DP-NHZ-10		39.5	41.6	41.0	40.7
11	IVT/AVT-RF-FB-DP-NHZ-11		46.5	40.8	49.5	45.6
12	IVT/AVT-RF-FB-DP-NHZ-12		57.1	51.0	59.5	55.9
13	IVT/AVT-RF-FB-DP-NHZ-13		41.1	38.1	43.6	40.9
14	IVT/AVT-RF-FB-DP-NHZ-14		47.1	41.3	55.5	48.0
15	IVT/AVT-RF-FB-DP-NHZ-15		48.6	41.8	50.0	46.8
16	IVT/AVT-RF-FB-DP-NHZ-16		33.8	34.5	35.5	34.6
17	IVT/AVT-RF-FB-DP-NHZ-17		42.3	38.2	39.8	40.1
18	IVT/AVT-RF-FB-DP-NHZ-18		39.4	39.6	42.6	40.5
19	IVT/AVT-RF-FB-DP-NHZ-19		42.6	38.9	43.8	41.8
20	IVT/AVT-RF-FB-DP-NHZ-20		43.6	40.2	50.3	44.7
21	IVT/AVT-RF-FB-DP-NHZ-21		44.7	42.5	46.5	44.6
AVG			44.4	40.4	47.7	44.2

PC

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		8.4	9.8	10.2	9.5
2	IVT/AVT-RF-FB-DP-NHZ-2		8.0	9.3	10.1	9.1
3	IVT/AVT-RF-FB-DP-NHZ-3		8.8	8.2	10.8	9.3
4	IVT/AVT-RF-FB-DP-NHZ-4		8.3	9.5	9.8	9.2
5	IVT/AVT-RF-FB-DP-NHZ-5		9.1	9.3	12.1	10.2
6	IVT/AVT-RF-FB-DP-NHZ-6		8.3	8.2	10.3	8.9
7	IVT/AVT-RF-FB-DP-NHZ-7		7.7	8.7	9.1	8.5
8	IVT/AVT-RF-FB-DP-NHZ-8		10.5	9.1	10.8	10.1
9	IVT/AVT-RF-FB-DP-NHZ-9		8.3	8.7	11.7	9.6
10	IVT/AVT-RF-FB-DP-NHZ-10		10.2	10.4	11.3	10.7
11	IVT/AVT-RF-FB-DP-NHZ-11		7.5	8.1	9.7	8.4
12	IVT/AVT-RF-FB-DP-NHZ-12		10.3	9.1	12.0	10.5
13	IVT/AVT-RF-FB-DP-NHZ-13		9.7	9.9	10.5	10.0
14	IVT/AVT-RF-FB-DP-NHZ-14		8.7	9.1	11.9	9.9
15	IVT/AVT-RF-FB-DP-NHZ-15		8.3	7.9	10.5	8.9
16	IVT/AVT-RF-FB-DP-NHZ-16		7.8	8.0	8.9	8.2
17	IVT/AVT-RF-FB-DP-NHZ-17		10.2	10.0	11.7	10.6
18	IVT/AVT-RF-FB-DP-NHZ-18		8.8	9.4	10.6	9.6
19	IVT/AVT-RF-FB-DP-NHZ-19		9.3	9.4	10.8	9.8
20	IVT/AVT-RF-FB-DP-NHZ-20		9.8	9.2	10.7	9.9
21	IVT/AVT-RF-FB-DP-NHZ-21		9.0	9.0	11.8	9.9
AVG			8.9	9.1	10.7	9.6

HL

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		59.4	54.7	59.7	57.9
2	IVT/AVT-RF-FB-DP-NHZ-2		65.0	60.3	61.7	62.3
3	IVT/AVT-RF-FB-DP-NHZ-3		69.0	63.6	66.9	66.5
4	IVT/AVT-RF-FB-DP-NHZ-4		61.5	54.7	59.1	58.4
5	IVT/AVT-RF-FB-DP-NHZ-5		57.6	57.3	58.4	57.8
6	IVT/AVT-RF-FB-DP-NHZ-6		70.2	63.3	68.2	67.2
7	IVT/AVT-RF-FB-DP-NHZ-7		62.2	57.6	60.3	60.0
8	IVT/AVT-RF-FB-DP-NHZ-8		65.6	60.7	64.4	63.5
9	IVT/AVT-RF-FB-DP-NHZ-9		64.1	59.7	62.3	62.0
10	IVT/AVT-RF-FB-DP-NHZ-10		61.5	59.8	60.5	60.6
11	IVT/AVT-RF-FB-DP-NHZ-11		62.4	56.5	58.6	59.2
12	IVT/AVT-RF-FB-DP-NHZ-12		69.2	64.9	67.1	67.1
13	IVT/AVT-RF-FB-DP-NHZ-13		65.5	60.8	65.3	63.9
14	IVT/AVT-RF-FB-DP-NHZ-14		60.5	56.1	60.7	59.1
15	IVT/AVT-RF-FB-DP-NHZ-15		69.1	61.9	67.0	66.0
16	IVT/AVT-RF-FB-DP-NHZ-16		65.3	60.7	62.2	62.7
17	IVT/AVT-RF-FB-DP-NHZ-17		62.2	58.5	62.4	61.0
18	IVT/AVT-RF-FB-DP-NHZ-18		67.4	62.3	66.9	65.5
19	IVT/AVT-RF-FB-DP-NHZ-19		63.7	58.2	63.6	61.8
20	IVT/AVT-RF-FB-DP-NHZ-20		64.5	59.3	64.1	62.6
21	IVT/AVT-RF-FB-DP-NHZ-21		61.9	58.4	62.0	60.8
AVG			64.2	59.5	62.9	62.2

Bold Grain

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		87.1	74.9	85.8	82.6
2	IVT/AVT-RF-FB-DP-NHZ-2		72.9	68.8	75.1	72.3
3	IVT/AVT-RF-FB-DP-NHZ-3		78.9	67.8	92.2	79.6
4	IVT/AVT-RF-FB-DP-NHZ-4		94.1	60.2	98.7	84.3
5	IVT/AVT-RF-FB-DP-NHZ-5		98.6	90.2	98.5	95.7
6	IVT/AVT-RF-FB-DP-NHZ-6		95.2	82.7	93.0	90.3
7	IVT/AVT-RF-FB-DP-NHZ-7		94.3	89.7	96.5	93.5
8	IVT/AVT-RF-FB-DP-NHZ-8		95.3	92.7	95.8	94.6
9	IVT/AVT-RF-FB-DP-NHZ-9		88.4	60.0	87.9	78.8
10	IVT/AVT-RF-FB-DP-NHZ-10		88.2	81.8	87.2	85.8
11	IVT/AVT-RF-FB-DP-NHZ-11		94.8	74.2	96.1	88.4
12	IVT/AVT-RF-FB-DP-NHZ-12		98.0	92.5	96.2	95.6
13	IVT/AVT-RF-FB-DP-NHZ-13		87.4	81.7	92.4	87.1
14	IVT/AVT-RF-FB-DP-NHZ-14		96.3	81.3	98.3	91.9
15	IVT/AVT-RF-FB-DP-NHZ-15		98.5	91.3	96.5	95.4
16	IVT/AVT-RF-FB-DP-NHZ-16		65.4	55.2	72.3	64.3
17	IVT/AVT-RF-FB-DP-NHZ-17		86.1	72.5	86.0	81.5
18	IVT/AVT-RF-FB-DP-NHZ-18		89.6	79.8	89.3	86.2
19	IVT/AVT-RF-FB-DP-NHZ-19		87.7	80.6	91.3	86.6
20	IVT/AVT-RF-FB-DP-NHZ-20		93.0	82.0	95.9	90.3
21	IVT/AVT-RF-FB-DP-NHZ-21		93.0	78.6	97.5	89.7
AVG			89.6	78.0	91.5	86.4

Thin Grain

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		2.0	5.8	2.2	3.3
2	IVT/AVT-RF-FB-DP-NHZ-2		7.4	9.0	5.5	7.3
3	IVT/AVT-RF-FB-DP-NHZ-3		2.9	3.8	8.1	4.9
4	IVT/AVT-RF-FB-DP-NHZ-4		1.5	11.1	0.3	4.3
5	IVT/AVT-RF-FB-DP-NHZ-5		0.3	2.0	0.2	0.8
6	IVT/AVT-RF-FB-DP-NHZ-6		1.1	3.6	1.2	2.0
7	IVT/AVT-RF-FB-DP-NHZ-7		1.2	2.2	0.6	1.3
8	IVT/AVT-RF-FB-DP-NHZ-8		1.0	1.7	0.4	1.0
9	IVT/AVT-RF-FB-DP-NHZ-9		2.1	11.9	2.3	5.4
10	IVT/AVT-RF-FB-DP-NHZ-10		2.2	2.4	2.0	2.2
11	IVT/AVT-RF-FB-DP-NHZ-11		1.1	4.8	0.7	2.2
12	IVT/AVT-RF-FB-DP-NHZ-12		0.4	1.2	0.5	0.7
13	IVT/AVT-RF-FB-DP-NHZ-13		1.6	3.4	0.8	1.9
14	IVT/AVT-RF-FB-DP-NHZ-14		1.0	4.5	0.2	1.9
15	IVT/AVT-RF-FB-DP-NHZ-15		0.4	1.9	0.6	1.0
16	IVT/AVT-RF-FB-DP-NHZ-16		5.3	14.1	5.1	8.1
17	IVT/AVT-RF-FB-DP-NHZ-17		2.0	5.8	1.6	3.1
18	IVT/AVT-RF-FB-DP-NHZ-18		1.5	6.0	1.4	3.0
19	IVT/AVT-RF-FB-DP-NHZ-19		1.7	2.7	1.4	1.9
20	IVT/AVT-RF-FB-DP-NHZ-20		1.4	3.5	0.7	1.8
21	IVT/AVT-RF-FB-DP-NHZ-21		1.7	4.9	1.8	2.8
AVG			1.9	5.0	1.8	2.9

Moisture

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		9.8	13.1	12.5	11.8
2	IVT/AVT-RF-FB-DP-NHZ-2		9.7	14.3	12.5	12.2
3	IVT/AVT-RF-FB-DP-NHZ-3		9.7	13.6	12.7	12.0
4	IVT/AVT-RF-FB-DP-NHZ-4		9.6	13.9	11.8	11.8
5	IVT/AVT-RF-FB-DP-NHZ-5		9.7	11.7	12.8	11.4
6	IVT/AVT-RF-FB-DP-NHZ-6		9.6	13.6	13.0	12.1
7	IVT/AVT-RF-FB-DP-NHZ-7		9.7	12.7	12.5	11.6
8	IVT/AVT-RF-FB-DP-NHZ-8		9.7	12.8	13.2	11.9
9	IVT/AVT-RF-FB-DP-NHZ-9		9.8	13.0	13.1	11.9
10	IVT/AVT-RF-FB-DP-NHZ-10		9.5	13.4	12.6	11.8
11	IVT/AVT-RF-FB-DP-NHZ-11		9.8	12.9	12.7	11.8
12	IVT/AVT-RF-FB-DP-NHZ-12		9.7	13.0	12.7	11.8
13	IVT/AVT-RF-FB-DP-NHZ-13		9.6	13.7	12.4	11.9
14	IVT/AVT-RF-FB-DP-NHZ-14		9.6	13.0	12.6	11.7
15	IVT/AVT-RF-FB-DP-NHZ-15		9.7	14.3	12.3	12.1
16	IVT/AVT-RF-FB-DP-NHZ-16		9.5	12.7	11.9	11.4
17	IVT/AVT-RF-FB-DP-NHZ-17		9.6	12.9	12.0	11.5
18	IVT/AVT-RF-FB-DP-NHZ-18		9.6	12.7	12.5	13.2
19	IVT/AVT-RF-FB-DP-NHZ-19		9.7	13.1	12.3	11.7
20	IVT/AVT-RF-FB-DP-NHZ-20		10.0	14.7	11.9	12.2
21	IVT/AVT-RF-FB-DP-NHZ-21		10.0	12.3	13.0	11.8
AVG			9.7	13.4	12.5	11.9

Starch

SR.NO	Code	Genotype	SHIMLA	BAJAURA	KHUDWANI	MEAN
1	IVT/AVT-RF-FB-DP-NHZ-1		62.8	59.9	61.0	61.2
2	IVT/AVT-RF-FB-DP-NHZ-2		63.7	60.4	60.9	61.7
3	IVT/AVT-RF-FB-DP-NHZ-3		63.9	61.5	61.7	62.4
4	IVT/AVT-RF-FB-DP-NHZ-4		62.8	59.9	60.9	61.2
5	IVT/AVT-RF-FB-DP-NHZ-5		61.8	60.8	60.1	60.9
6	IVT/AVT-RF-FB-DP-NHZ-6		65.1	61.3	62.1	62.8
7	IVT/AVT-RF-FB-DP-NHZ-7		62.6	60.2	61.1	61.3
8	IVT/AVT-RF-FB-DP-NHZ-8		62.1	60.8	60.8	61.2
9	IVT/AVT-RF-FB-DP-NHZ-9		63.3	61.2	60.3	61.6
10	IVT/AVT-RF-FB-DP-NHZ-10		62.5	60.0	60.9	61.2
11	IVT/AVT-RF-FB-DP-NHZ-11		62.8	60.9	60.8	61.5
12	IVT/AVT-RF-FB-DP-NHZ-12		62.9	61.4	61.1	61.8
13	IVT/AVT-RF-FB-DP-NHZ-13		63.4	60.8	62.2	62.1
14	IVT/AVT-RF-FB-DP-NHZ-14		62.3	60.0	60.3	60.8
15	IVT/AVT-RF-FB-DP-NHZ-15		64.7	61.4	62.1	62.7
16	IVT/AVT-RF-FB-DP-NHZ-16		64.3	61.7	62.4	62.8
17	IVT/AVT-RF-FB-DP-NHZ-17		62.8	60.3	61.2	61.4
18	IVT/AVT-RF-FB-DP-NHZ-18		64.1	59.3	61.5	61.7
19	IVT/AVT-RF-FB-DP-NHZ-19		63.3	61.4	62.1	62.2
20	IVT/AVT-RF-FB-DP-NHZ-20		62.7	60.5	62.0	61.7
21	IVT/AVT-RF-FB-DP-NHZ-21		62.2	60.9	60.1	61.0
AVG			63.1	60.7	61.2	61.7

AVT-DPB-NWPZ**TGW**

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		43.7	31.2	35.2	36.7
2	AVT-DP-NWPZ-2		24.0	34.0	25.7	27.9
3	AVT-DP-NWPZ-3		29.0	33.7	30.7	31.1
4	AVT-DP-NWPZ-4		35.0	34.7	33.6	34.4
AVG			32.9	33.4	31.3	32.5

PC

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		13.7	15.6	12.9	14.0
2	AVT-DP-NWPZ-2		14.0	12.8	11.5	12.8
3	AVT-DP-NWPZ-3		12.7	13.0	11.1	12.3
4	AVT-DP-NWPZ-4		11.8	13.1	10.8	11.9
AVG			13.0	13.6	11.6	12.7

HL

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		63.3	59.7	59.0	60.7
2	AVT-DP-NWPZ-2		47.3	56.1	47.0	50.1
3	AVT-DP-NWPZ-3		53.5	57.7	51.0	54.1
4	AVT-DP-NWPZ-4		58.4	58.3	50.7	55.8
AVG			55.6	57.9	51.9	55.2

Bold Grain

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		94.1	57.1	83.4	78.2
2	AVT-DP-NWPZ-2		27.4	61.2	44.7	44.5
3	AVT-DP-NWPZ-3		34.5	45.6	50.0	43.4
4	AVT-DP-NWPZ-4		61.8	51.8	58.7	57.4
AVG			54.5	53.9	59.2	55.9

Thin Grain

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		1.0	9.6	3.0	4.5
2	AVT-DP-NWPZ-2		34.3	9.3	21.4	21.7
3	AVT-DP-NWPZ-3		30.0	12.7	16.4	19.7
4	AVT-DP-NWPZ-4		8.9	9.2	8.9	9.0
AVG			18.5	10.2	12.4	13.7

Moisture

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		9.9	8.5	8.8	9.1
2	AVT-DP-NWPZ-2		10.2	8.8	9.1	9.4
3	AVT-DP-NWPZ-3		10.3	8.6	8.9	9.3
4	AVT-DP-NWPZ-4		10.1	8.6	9.7	9.5
AVG			10.1	8.6	9.1	9.3

Starch

SR.NO	Code	Genotype	KARNAL	DURGAPURA	LUDHIANA	MEAN
1	AVT-DP-NWPZ-1		61.1	60.1	61.4	60.9
2	AVT-DP-NWPZ-2		60.1	61.7	60.9	60.9
3	AVT-DP-NWPZ-3		60.5	61.3	61.4	61.1
4	AVT-DP-NWPZ-4		61.6	61.6	61.5	61.6
AVG			60.8	61.2	61.3	61.1

AVT/IVT-SAL/ALK NEPZ**TGW**

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		32.8	32.8
2	AVT/IVT-SAL/ALK-NEPZ-2		36.3	36.3
3	AVT/IVT-SAL/ALK-NEPZ-3		39.5	39.5
4	AVT/IVT-SAL/ALK-NEPZ-4		37.8	37.8
5	AVT/IVT-SAL/ALK-NEPZ-5		34.7	34.7
6	AVT/IVT-SAL/ALK-NEPZ-6		51.7	51.7
7	AVT/IVT-SAL/ALK-NEPZ-7		31.2	31.2
8	AVT/IVT-SAL/ALK-NEPZ-8		33.4	33.4
9	AVT/IVT-SAL/ALK-NEPZ-9		29.7	29.7
10	AVT/IVT-SAL/ALK-NEPZ-10		40.6	40.6
11	AVT/IVT-SAL/ALK-NEPZ-11		38.9	38.9
12	AVT/IVT-SAL/ALK-NEPZ-12		42.4	42.4
13	AVT/IVT-SAL/ALK-NEPZ-13		34.3	34.3
14	AVT/IVT-SAL/ALK-NEPZ-14		44.4	44.4
15	AVT/IVT-SAL/ALK-NEPZ-15		36.3	36.3
16	AVT/IVT-SAL/ALK-NEPZ-16		37.6	37.6
17	AVT/IVT-SAL/ALK-NEPZ-17		40.6	40.6
18	AVT/IVT-SAL/ALK-NEPZ-18		36.5	36.5
19	AVT/IVT-SAL/ALK-NEPZ-19		37.2	37.2
20	AVT/IVT-SAL/ALK-NEPZ-20		37.2	37.2
21	AVT/IVT-SAL/ALK-NEPZ-21		37.9	37.9
22	AVT/IVT-SAL/ALK-NEPZ-22		45.3	45.3
AVG			38.0	38.0

PC

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		12.0	12.0
2	AVT/IVT-SAL/ALK-NEPZ-2		10.1	10.1
3	AVT/IVT-SAL/ALK-NEPZ-3		10.4	10.4
4	AVT/IVT-SAL/ALK-NEPZ-4		10.8	10.8
5	AVT/IVT-SAL/ALK-NEPZ-5		9.6	9.6
6	AVT/IVT-SAL/ALK-NEPZ-6		11.0	11.0
7	AVT/IVT-SAL/ALK-NEPZ-7		12.9	12.9
8	AVT/IVT-SAL/ALK-NEPZ-8		11.5	11.5
9	AVT/IVT-SAL/ALK-NEPZ-9		13.4	13.4
10	AVT/IVT-SAL/ALK-NEPZ-10		12.1	12.1
11	AVT/IVT-SAL/ALK-NEPZ-11		12.6	12.6
12	AVT/IVT-SAL/ALK-NEPZ-12		10.3	10.3
13	AVT/IVT-SAL/ALK-NEPZ-13		10.2	10.2
14	AVT/IVT-SAL/ALK-NEPZ-14		10.6	10.6
15	AVT/IVT-SAL/ALK-NEPZ-15		10.9	10.9
16	AVT/IVT-SAL/ALK-NEPZ-16		12.0	12.0
17	AVT/IVT-SAL/ALK-NEPZ-17		10.3	10.3
18	AVT/IVT-SAL/ALK-NEPZ-18		11.4	11.4
19	AVT/IVT-SAL/ALK-NEPZ-19		10.3	10.3
20	AVT/IVT-SAL/ALK-NEPZ-20		10.0	10.0
21	AVT/IVT-SAL/ALK-NEPZ-21		11.0	11.0
22	AVT/IVT-SAL/ALK-NEPZ-22		10.2	10.2
AVG			11.1	11.1

HL

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		52.0	52.0
2	AVT/IVT-SAL/ALK-NEPZ-2		52.6	52.6
3	AVT/IVT-SAL/ALK-NEPZ-3		59.4	59.4
4	AVT/IVT-SAL/ALK-NEPZ-4		53.7	53.7
5	AVT/IVT-SAL/ALK-NEPZ-5		50.4	50.4
6	AVT/IVT-SAL/ALK-NEPZ-6		58.4	58.4
7	AVT/IVT-SAL/ALK-NEPZ-7		52.3	52.3
8	AVT/IVT-SAL/ALK-NEPZ-8		52.1	52.1
9	AVT/IVT-SAL/ALK-NEPZ-9		50.9	50.9
10	AVT/IVT-SAL/ALK-NEPZ-10		50.3	50.3
11	AVT/IVT-SAL/ALK-NEPZ-11		54.5	54.5
12	AVT/IVT-SAL/ALK-NEPZ-12		51.4	51.4
13	AVT/IVT-SAL/ALK-NEPZ-13		52.8	52.8
14	AVT/IVT-SAL/ALK-NEPZ-14		52.1	52.1
15	AVT/IVT-SAL/ALK-NEPZ-15		52.9	52.9
16	AVT/IVT-SAL/ALK-NEPZ-16		54.5	54.5
17	AVT/IVT-SAL/ALK-NEPZ-17		56.8	56.8
18	AVT/IVT-SAL/ALK-NEPZ-18		51.3	51.3
19	AVT/IVT-SAL/ALK-NEPZ-19		52.3	52.3
20	AVT/IVT-SAL/ALK-NEPZ-20		49.2	49.2
21	AVT/IVT-SAL/ALK-NEPZ-21		50.9	50.9
22	AVT/IVT-SAL/ALK-NEPZ-22		54.0	54.0
AVG			52.9	52.9

Bold Grain

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		69.5	69.5
2	AVT/IVT-SAL/ALK-NEPZ-2		67.3	67.3
3	AVT/IVT-SAL/ALK-NEPZ-3		81.5	81.5
4	AVT/IVT-SAL/ALK-NEPZ-4		79.7	79.7
5	AVT/IVT-SAL/ALK-NEPZ-5		58.9	58.9
6	AVT/IVT-SAL/ALK-NEPZ-6		98.4	98.4
7	AVT/IVT-SAL/ALK-NEPZ-7		44.0	44.0
8	AVT/IVT-SAL/ALK-NEPZ-8		46.8	46.8
9	AVT/IVT-SAL/ALK-NEPZ-9		39.8	39.8
10	AVT/IVT-SAL/ALK-NEPZ-10		84.8	84.8
11	AVT/IVT-SAL/ALK-NEPZ-11		94.2	94.2
12	AVT/IVT-SAL/ALK-NEPZ-12		85.8	85.8
13	AVT/IVT-SAL/ALK-NEPZ-13		69.1	69.1
14	AVT/IVT-SAL/ALK-NEPZ-14		93.0	93.0
15	AVT/IVT-SAL/ALK-NEPZ-15		84.6	84.6
16	AVT/IVT-SAL/ALK-NEPZ-16		91.2	91.2
17	AVT/IVT-SAL/ALK-NEPZ-17		86.8	86.8
18	AVT/IVT-SAL/ALK-NEPZ-18		79.1	79.1
19	AVT/IVT-SAL/ALK-NEPZ-19		77.8	77.8
20	AVT/IVT-SAL/ALK-NEPZ-20		74.4	74.4
21	AVT/IVT-SAL/ALK-NEPZ-21		88.8	88.8
22	AVT/IVT-SAL/ALK-NEPZ-22		89.5	89.5
AVG			76.6	76.6

Thin Grain

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		7.0	7.0
2	AVT/IVT-SAL/ALK-NEPZ-2		8.1	8.1
3	AVT/IVT-SAL/ALK-NEPZ-3		3.5	3.5
4	AVT/IVT-SAL/ALK-NEPZ-4		3.9	3.9
5	AVT/IVT-SAL/ALK-NEPZ-5		7.8	7.8
6	AVT/IVT-SAL/ALK-NEPZ-6		0.6	0.6
7	AVT/IVT-SAL/ALK-NEPZ-7		18.6	18.6
8	AVT/IVT-SAL/ALK-NEPZ-8		11.4	11.4
9	AVT/IVT-SAL/ALK-NEPZ-9		21.7	21.7
10	AVT/IVT-SAL/ALK-NEPZ-10		2.7	2.7
11	AVT/IVT-SAL/ALK-NEPZ-11		1.4	1.4
12	AVT/IVT-SAL/ALK-NEPZ-12		2.1	2.1
13	AVT/IVT-SAL/ALK-NEPZ-13		7.4	7.4
14	AVT/IVT-SAL/ALK-NEPZ-14		0.9	0.9
15	AVT/IVT-SAL/ALK-NEPZ-15		3.2	3.2
16	AVT/IVT-SAL/ALK-NEPZ-16		1.7	1.7
17	AVT/IVT-SAL/ALK-NEPZ-17		2.4	2.4
18	AVT/IVT-SAL/ALK-NEPZ-18		3.2	3.2
19	AVT/IVT-SAL/ALK-NEPZ-19		4.3	4.3
20	AVT/IVT-SAL/ALK-NEPZ-20		3.6	3.6
21	AVT/IVT-SAL/ALK-NEPZ-21		1.6	1.6
22	AVT/IVT-SAL/ALK-NEPZ-22		0.1	0.1
AVG			5.3	5.3

Moisture

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		9.5	9.5
2	AVT/IVT-SAL/ALK-NEPZ-2		10.2	10.2
3	AVT/IVT-SAL/ALK-NEPZ-3		9.6	9.6
4	AVT/IVT-SAL/ALK-NEPZ-4		9.4	9.4
5	AVT/IVT-SAL/ALK-NEPZ-5		10.2	10.2
6	AVT/IVT-SAL/ALK-NEPZ-6		9.8	9.8
7	AVT/IVT-SAL/ALK-NEPZ-7		9.6	9.6
8	AVT/IVT-SAL/ALK-NEPZ-8		9.7	9.7
9	AVT/IVT-SAL/ALK-NEPZ-9		9.5	9.5
10	AVT/IVT-SAL/ALK-NEPZ-10		10.0	10.0
11	AVT/IVT-SAL/ALK-NEPZ-11		9.6	9.6
12	AVT/IVT-SAL/ALK-NEPZ-12		10.2	10.2
13	AVT/IVT-SAL/ALK-NEPZ-13		10.3	10.3
14	AVT/IVT-SAL/ALK-NEPZ-14		10.0	10.0
15	AVT/IVT-SAL/ALK-NEPZ-15		9.8	9.8
16	AVT/IVT-SAL/ALK-NEPZ-16		9.6	9.6
17	AVT/IVT-SAL/ALK-NEPZ-17		9.9	9.9
18	AVT/IVT-SAL/ALK-NEPZ-18		10.2	10.2
19	AVT/IVT-SAL/ALK-NEPZ-19		9.7	9.7
20	AVT/IVT-SAL/ALK-NEPZ-20		10.0	10.0
21	AVT/IVT-SAL/ALK-NEPZ-21		10.0	10.0
22	AVT/IVT-SAL/ALK-NEPZ-22		9.6	9.6
AVG			9.8	9.8

Starch

SR.NO	Code	Genotype	DALEEP NAGAR	MEAN
1	AVT/IVT-SAL/ALK-NEPZ-1		60.9	60.9
2	AVT/IVT-SAL/ALK-NEPZ-2		61.0	61.0
3	AVT/IVT-SAL/ALK-NEPZ-3		62.6	62.6
4	AVT/IVT-SAL/ALK-NEPZ-4		62.1	62.1
5	AVT/IVT-SAL/ALK-NEPZ-5		60.5	60.5
6	AVT/IVT-SAL/ALK-NEPZ-6		61.6	61.6
7	AVT/IVT-SAL/ALK-NEPZ-7		60.9	60.9
8	AVT/IVT-SAL/ALK-NEPZ-8		60.8	60.8
9	AVT/IVT-SAL/ALK-NEPZ-9		60.6	60.6
10	AVT/IVT-SAL/ALK-NEPZ-10		60.9	60.9
11	AVT/IVT-SAL/ALK-NEPZ-11		60.6	60.6
12	AVT/IVT-SAL/ALK-NEPZ-12		60.1	60.1
13	AVT/IVT-SAL/ALK-NEPZ-13		60.8	60.8
14	AVT/IVT-SAL/ALK-NEPZ-14		60.7	60.7
15	AVT/IVT-SAL/ALK-NEPZ-15		61.2	61.2
16	AVT/IVT-SAL/ALK-NEPZ-16		61.8	61.8
17	AVT/IVT-SAL/ALK-NEPZ-17		61.7	61.7
18	AVT/IVT-SAL/ALK-NEPZ-18		60.1	60.1
19	AVT/IVT-SAL/ALK-NEPZ-19		61.3	61.3
20	AVT/IVT-SAL/ALK-NEPZ-20		60.7	60.7
21	AVT/IVT-SAL/ALK-NEPZ-21		60.4	60.4
22	AVT/IVT-SAL/ALK-NEPZ-22		61.8	61.8
AVG			61.1	61.1

AVT/IVT-SAL/ALK NWPZ**TGW**

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		40.9	40.9
2	AVT/IVT-SAL/ALK-NWPZ-2		38.0	38.0
3	AVT/IVT-SAL/ALK-NWPZ-3		32.1	32.1
4	AVT/IVT-SAL/ALK-NWPZ-4		34.9	34.9
5	AVT/IVT-SAL/ALK-NWPZ-5		39.1	39.1
6	AVT/IVT-SAL/ALK-NWPZ-6		46.8	46.8
7	AVT/IVT-SAL/ALK-NWPZ-7		42.8	42.8
8	AVT/IVT-SAL/ALK-NWPZ-8		38.1	38.1
9	AVT/IVT-SAL/ALK-NWPZ-9		37.2	37.2
10	AVT/IVT-SAL/ALK-NWPZ-10		42.4	42.4
11	AVT/IVT-SAL/ALK-NWPZ-11		33.7	33.7
12	AVT/IVT-SAL/ALK-NWPZ-12		39.2	39.2
13	AVT/IVT-SAL/ALK-NWPZ-13		41.0	41.0
14	AVT/IVT-SAL/ALK-NWPZ-14		42.0	42.0
15	AVT/IVT-SAL/ALK-NWPZ-15		34.7	34.7
16	AVT/IVT-SAL/ALK-NWPZ-16		37.6	37.6
17	AVT/IVT-SAL/ALK-NWPZ-17		30.1	30.1
18	AVT/IVT-SAL/ALK-NWPZ-18		43.0	43.0
19	AVT/IVT-SAL/ALK-NWPZ-19		39.5	39.5
20	AVT/IVT-SAL/ALK-NWPZ-20		41.4	41.4
21	AVT/IVT-SAL/ALK-NWPZ-21		40.0	40.0
22	AVT/IVT-SAL/ALK-NWPZ-22		40.9	40.9
AVG			38.9	38.9

PC

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		10.1	10.1
2	AVT/IVT-SAL/ALK-NWPZ-2		14.1	14.1
3	AVT/IVT-SAL/ALK-NWPZ-3		13.7	13.7
4	AVT/IVT-SAL/ALK-NWPZ-4		13.8	13.8
5	AVT/IVT-SAL/ALK-NWPZ-5		11.5	11.5
6	AVT/IVT-SAL/ALK-NWPZ-6		11.8	11.8
7	AVT/IVT-SAL/ALK-NWPZ-7		14.2	14.2
8	AVT/IVT-SAL/ALK-NWPZ-8		13.7	13.7
9	AVT/IVT-SAL/ALK-NWPZ-9		13.9	13.9
10	AVT/IVT-SAL/ALK-NWPZ-10		13.0	13.0
11	AVT/IVT-SAL/ALK-NWPZ-11		13.2	13.2
12	AVT/IVT-SAL/ALK-NWPZ-12		12.6	12.6
13	AVT/IVT-SAL/ALK-NWPZ-13		13.3	13.3
14	AVT/IVT-SAL/ALK-NWPZ-14		12.3	12.3
15	AVT/IVT-SAL/ALK-NWPZ-15		13.1	13.1
16	AVT/IVT-SAL/ALK-NWPZ-16		14.2	14.2
17	AVT/IVT-SAL/ALK-NWPZ-17		11.3	11.3
18	AVT/IVT-SAL/ALK-NWPZ-18		12.9	12.9
19	AVT/IVT-SAL/ALK-NWPZ-19		12.2	12.2
20	AVT/IVT-SAL/ALK-NWPZ-20		13.7	13.7
21	AVT/IVT-SAL/ALK-NWPZ-21		12.0	12.0
22	AVT/IVT-SAL/ALK-NWPZ-22		11.7	11.7
AVG			12.8	12.8

HL

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		58.0	58.0
2	AVT/IVT-SAL/ALK-NWPZ-2		53.4	53.4
3	AVT/IVT-SAL/ALK-NWPZ-3		52.8	52.8
4	AVT/IVT-SAL/ALK-NWPZ-4		54.5	54.5
5	AVT/IVT-SAL/ALK-NWPZ-5		53.9	53.9
6	AVT/IVT-SAL/ALK-NWPZ-6		59.1	59.1
7	AVT/IVT-SAL/ALK-NWPZ-7		54.1	54.1
8	AVT/IVT-SAL/ALK-NWPZ-8		54.3	54.3
9	AVT/IVT-SAL/ALK-NWPZ-9		56.3	56.3
10	AVT/IVT-SAL/ALK-NWPZ-10		50.7	50.7
11	AVT/IVT-SAL/ALK-NWPZ-11		54.4	54.4
12	AVT/IVT-SAL/ALK-NWPZ-12		52.5	52.5
13	AVT/IVT-SAL/ALK-NWPZ-13		56.1	56.1
14	AVT/IVT-SAL/ALK-NWPZ-14		53.4	53.4
15	AVT/IVT-SAL/ALK-NWPZ-15		50.1	50.1
16	AVT/IVT-SAL/ALK-NWPZ-16		54.1	54.1
17	AVT/IVT-SAL/ALK-NWPZ-17		55.9	55.9
18	AVT/IVT-SAL/ALK-NWPZ-18		53.8	53.8
19	AVT/IVT-SAL/ALK-NWPZ-19		53.6	53.6
20	AVT/IVT-SAL/ALK-NWPZ-20		50.5	50.5
21	AVT/IVT-SAL/ALK-NWPZ-21		51.8	51.8
22	AVT/IVT-SAL/ALK-NWPZ-22		55.8	55.8
AVG			54.0	54.0

Bold grain

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		82.4	82.4
2	AVT/IVT-SAL/ALK-NWPZ-2		49.4	49.4
3	AVT/IVT-SAL/ALK-NWPZ-3		53.3	53.3
4	AVT/IVT-SAL/ALK-NWPZ-4		69.0	69.0
5	AVT/IVT-SAL/ALK-NWPZ-5		55.9	55.9
6	AVT/IVT-SAL/ALK-NWPZ-6		93.2	93.2
7	AVT/IVT-SAL/ALK-NWPZ-7		70.5	70.5
8	AVT/IVT-SAL/ALK-NWPZ-8		56.9	56.9
9	AVT/IVT-SAL/ALK-NWPZ-9		64.6	64.6
10	AVT/IVT-SAL/ALK-NWPZ-10		81.0	81.0
11	AVT/IVT-SAL/ALK-NWPZ-11		80.5	80.5
12	AVT/IVT-SAL/ALK-NWPZ-12		83.8	83.8
13	AVT/IVT-SAL/ALK-NWPZ-13		85.0	85.0
14	AVT/IVT-SAL/ALK-NWPZ-14		78.6	78.6
15	AVT/IVT-SAL/ALK-NWPZ-15		74.0	74.0
16	AVT/IVT-SAL/ALK-NWPZ-16		83.0	83.0
17	AVT/IVT-SAL/ALK-NWPZ-17		65.0	65.0
18	AVT/IVT-SAL/ALK-NWPZ-18		78.5	78.5
19	AVT/IVT-SAL/ALK-NWPZ-19		58.4	58.4
20	AVT/IVT-SAL/ALK-NWPZ-20		68.5	68.5
21	AVT/IVT-SAL/ALK-NWPZ-21		77.2	77.2
22	AVT/IVT-SAL/ALK-NWPZ-22		81.8	81.8
AVG			72.3	72.3

Thin Grain

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		4.3	4.3
2	AVT/IVT-SAL/ALK-NWPZ-2		17.5	17.5
3	AVT/IVT-SAL/ALK-NWPZ-3		20.4	20.4
4	AVT/IVT-SAL/ALK-NWPZ-4		12.7	12.7
5	AVT/IVT-SAL/ALK-NWPZ-5		13.3	13.3
6	AVT/IVT-SAL/ALK-NWPZ-6		1.2	1.2
7	AVT/IVT-SAL/ALK-NWPZ-7		9.2	9.2
8	AVT/IVT-SAL/ALK-NWPZ-8		10.4	10.4
9	AVT/IVT-SAL/ALK-NWPZ-9		12.5	12.5
10	AVT/IVT-SAL/ALK-NWPZ-10		4.6	4.6
11	AVT/IVT-SAL/ALK-NWPZ-11		5.2	5.2
12	AVT/IVT-SAL/ALK-NWPZ-12		4.7	4.7
13	AVT/IVT-SAL/ALK-NWPZ-13		2.5	2.5
14	AVT/IVT-SAL/ALK-NWPZ-14		7.8	7.8
15	AVT/IVT-SAL/ALK-NWPZ-15		9.6	9.6
16	AVT/IVT-SAL/ALK-NWPZ-16		5.1	5.1
17	AVT/IVT-SAL/ALK-NWPZ-17		8.0	8.0
18	AVT/IVT-SAL/ALK-NWPZ-18		6.6	6.6
19	AVT/IVT-SAL/ALK-NWPZ-19		13.0	13.0
20	AVT/IVT-SAL/ALK-NWPZ-20		11.0	11.0
21	AVT/IVT-SAL/ALK-NWPZ-21		5.8	5.8
22	AVT/IVT-SAL/ALK-NWPZ-22		5.0	5.0
AVG			8.7	8.7

Moisture

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		9.9	9.9
2	AVT/IVT-SAL/ALK-NWPZ-2		9.2	9.2
3	AVT/IVT-SAL/ALK-NWPZ-3		9.8	9.8
4	AVT/IVT-SAL/ALK-NWPZ-4		9.5	9.5
5	AVT/IVT-SAL/ALK-NWPZ-5		9.9	9.9
6	AVT/IVT-SAL/ALK-NWPZ-6		10.2	10.2
7	AVT/IVT-SAL/ALK-NWPZ-7		9.6	9.6
8	AVT/IVT-SAL/ALK-NWPZ-8		9.9	9.9
9	AVT/IVT-SAL/ALK-NWPZ-9		9.6	9.6
10	AVT/IVT-SAL/ALK-NWPZ-10		10.2	10.2
11	AVT/IVT-SAL/ALK-NWPZ-11		9.7	9.7
12	AVT/IVT-SAL/ALK-NWPZ-12		10.0	10.0
13	AVT/IVT-SAL/ALK-NWPZ-13		9.4	9.4
14	AVT/IVT-SAL/ALK-NWPZ-14		9.5	9.5
15	AVT/IVT-SAL/ALK-NWPZ-15		10.3	10.3
16	AVT/IVT-SAL/ALK-NWPZ-16		9.9	9.9
17	AVT/IVT-SAL/ALK-NWPZ-17		9.6	9.6
18	AVT/IVT-SAL/ALK-NWPZ-18		9.6	9.6
19	AVT/IVT-SAL/ALK-NWPZ-19		9.6	9.6
20	AVT/IVT-SAL/ALK-NWPZ-20		11.1	11.1
21	AVT/IVT-SAL/ALK-NWPZ-21		9.8	9.8
22	AVT/IVT-SAL/ALK-NWPZ-22		9.3	9.3
AVG			9.8	9.8

Starch

SR.NO	Code	Genotype	CSSRI	MEAN
1	AVT/IVT-SAL/ALK-NWPZ-1		61.9	61.9
2	AVT/IVT-SAL/ALK-NWPZ-2		60.6	60.6
3	AVT/IVT-SAL/ALK-NWPZ-3		60.8	60.8
4	AVT/IVT-SAL/ALK-NWPZ-4		60.5	60.5
5	AVT/IVT-SAL/ALK-NWPZ-5		60.6	60.6
6	AVT/IVT-SAL/ALK-NWPZ-6		61.5	61.5
7	AVT/IVT-SAL/ALK-NWPZ-7		60.3	60.3
8	AVT/IVT-SAL/ALK-NWPZ-8		60.8	60.8
9	AVT/IVT-SAL/ALK-NWPZ-9		60.8	60.8
10	AVT/IVT-SAL/ALK-NWPZ-10		60.3	60.3
11	AVT/IVT-SAL/ALK-NWPZ-11		60.6	60.6
12	AVT/IVT-SAL/ALK-NWPZ-12		60.5	60.5
13	AVT/IVT-SAL/ALK-NWPZ-13		61.2	61.2
14	AVT/IVT-SAL/ALK-NWPZ-14		60.8	60.8
15	AVT/IVT-SAL/ALK-NWPZ-15		60.1	60.1
16	AVT/IVT-SAL/ALK-NWPZ-16		60.9	60.9
17	AVT/IVT-SAL/ALK-NWPZ-17		61.3	61.3
18	AVT/IVT-SAL/ALK-NWPZ-18		60.5	60.5
19	AVT/IVT-SAL/ALK-NWPZ-19		61.2	61.2
20	AVT/IVT-SAL/ALK-NWPZ-20		59.7	59.7
21	AVT/IVT-SAL/ALK-NWPZ-21		60.8	60.8
22	AVT/IVT-SAL/ALK-NWPZ-22		61.3	61.3
AVG			60.8	60.8

Rainfed Trials**TGW**

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		46.8	39.6	49.5	45.3
2	AVT/IVT-RAINFED-NEPZ-2		31.9	35.5	47.2	38.2
3	AVT/IVT-RAINFED-NEPZ-3		36.9	38.9	46.2	40.7
4	AVT/IVT-RAINFED-NEPZ-4		39.1	43.9	47.1	43.4
5	AVT/IVT-RAINFED-NEPZ-5		42.5	39.8	40.2	40.8
6	AVT/IVT-RAINFED-NEPZ-6		44.8	44.5	41.6	43.6
7	AVT/IVT-RAINFED-NEPZ-7		37.5	37.8	45.7	40.3
8	AVT/IVT-RAINFED-NEPZ-8		43.0	42.6	47.3	44.3
9	AVT/IVT-RAINFED-NEPZ-9		44.6	41.1	45.3	43.7
10	AVT/IVT-RAINFED-NEPZ-10		40.3	43.5	45.4	43.1
11	AVT/IVT-RAINFED-NEPZ-11		39.6	38.7	49.9	42.7
12	AVT/IVT-RAINFED-NEPZ-12		52.9	47.6	54.1	51.6
13	AVT/IVT-RAINFED-NEPZ-13		35.3	37.4	33.9	35.5
14	AVT/IVT-RAINFED-NEPZ-14		53.9	43.3	43.0	46.7
15	AVT/IVT-RAINFED-NEPZ-15		42.3	46.2	43.6	44.0
16	AVT/IVT-RAINFED-NEPZ-16		44.8	44.2	38.5	42.5
17	AVT/IVT-RAINFED-NEPZ-17		49.1	33.1	47.6	43.3
18	AVT/IVT-RAINFED-NEPZ-18		35.1	48.7	51.5	45.1
AVG			42.2	41.5	45.4	43.0

PC

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		10.4	13.1	10.4	11.3
2	AVT/IVT-RAINFED-NEPZ-2		9.9	11.2	11.5	10.9
3	AVT/IVT-RAINFED-NEPZ-3		10.0	12.7	13.1	11.9
4	AVT/IVT-RAINFED-NEPZ-4		10.6	14.3	10.9	11.9
5	AVT/IVT-RAINFED-NEPZ-5		8.9	13.1	13.1	11.7
6	AVT/IVT-RAINFED-NEPZ-6		10.1	12.0	11.6	11.2
7	AVT/IVT-RAINFED-NEPZ-7		10.4	13.0	11.5	11.6
8	AVT/IVT-RAINFED-NEPZ-8		9.8	12.5	12.0	11.4
9	AVT/IVT-RAINFED-NEPZ-9		9.8	13.9	13.1	12.3
10	AVT/IVT-RAINFED-NEPZ-10		9.8	11.2	9.8	10.3
11	AVT/IVT-RAINFED-NEPZ-11		9.1	11.3	12.0	10.8
12	AVT/IVT-RAINFED-NEPZ-12		9.9	12.7	12.8	11.8
13	AVT/IVT-RAINFED-NEPZ-13		9.1	10.2	12.0	10.5
14	AVT/IVT-RAINFED-NEPZ-14		8.7	11.0	13.0	10.9
15	AVT/IVT-RAINFED-NEPZ-15		9.3	10.5	9.4	9.7
16	AVT/IVT-RAINFED-NEPZ-16		10.1	12.2	12.0	11.4
17	AVT/IVT-RAINFED-NEPZ-17		9.7	11.7	12.4	11.3
18	AVT/IVT-RAINFED-NEPZ-18		9.9	13.7	14.0	12.5
AVG			9.7	12.2	11.9	11.3

HL

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		60.2	53.0	60.0	57.7
2	AVT/IVT-RAINFED-NEPZ-2		61.8	58.9	60.5	60.4
3	AVT/IVT-RAINFED-NEPZ-3		57.6	54.5	60.9	57.7
4	AVT/IVT-RAINFED-NEPZ-4		63.6	61.0	59.8	61.5
5	AVT/IVT-RAINFED-NEPZ-5		59.8	56.1	60.2	58.7
6	AVT/IVT-RAINFED-NEPZ-6		63.7	61.8	56.9	60.8
7	AVT/IVT-RAINFED-NEPZ-7		56.2	54.0	58.1	56.1
8	AVT/IVT-RAINFED-NEPZ-8		60.2	56.4	55.6	57.4
9	AVT/IVT-RAINFED-NEPZ-9		59.3	52.4	59.2	56.9
10	AVT/IVT-RAINFED-NEPZ-10		59.4	56.0	58.2	57.9
11	AVT/IVT-RAINFED-NEPZ-11		57.0	53.5	59.9	56.8
12	AVT/IVT-RAINFED-NEPZ-12		63.2	62.1	55.7	60.3
13	AVT/IVT-RAINFED-NEPZ-13		62.2	58.3	60.8	60.4
14	AVT/IVT-RAINFED-NEPZ-14		59.9	57.2	64.5	60.5
15	AVT/IVT-RAINFED-NEPZ-15		55.4	57.2	56.3	56.3
16	AVT/IVT-RAINFED-NEPZ-16		61.3	58.9	60.8	60.3
17	AVT/IVT-RAINFED-NEPZ-17		59.0	50.2	63.3	57.5
18	AVT/IVT-RAINFED-NEPZ-18		55.3	58.4	64.6	59.4
AVG			59.7	56.7	59.7	58.7

Bold Grain

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		87.7	59.4	89.2	78.8
2	AVT/IVT-RAINFED-NEPZ-2		73.3	78.8	88.1	80.1
3	AVT/IVT-RAINFED-NEPZ-3		61.6	74.3	69.3	68.4
4	AVT/IVT-RAINFED-NEPZ-4		90.9	93.3	95.0	93.1
5	AVT/IVT-RAINFED-NEPZ-5		75.5	57.1	71.6	68.1
6	AVT/IVT-RAINFED-NEPZ-6		88.5	88.3	69.8	82.2
7	AVT/IVT-RAINFED-NEPZ-7		55.4	62.3	82.5	66.8
8	AVT/IVT-RAINFED-NEPZ-8		92.6	93.1	88.3	91.4
9	AVT/IVT-RAINFED-NEPZ-9		87.8	68.4	82.2	79.5
10	AVT/IVT-RAINFED-NEPZ-10		88.0	92.4	89.0	89.8
11	AVT/IVT-RAINFED-NEPZ-11		76.3	81.1	97.3	84.9
12	AVT/IVT-RAINFED-NEPZ-12		71.9	89.0	96.9	85.9
13	AVT/IVT-RAINFED-NEPZ-13		72.3	66.7	65.6	68.2
14	AVT/IVT-RAINFED-NEPZ-14		94.1	87.8	95.1	92.4
15	AVT/IVT-RAINFED-NEPZ-15		83.4	89.7	89.6	87.6
16	AVT/IVT-RAINFED-NEPZ-16		81.9	84.7	77.7	81.4
17	AVT/IVT-RAINFED-NEPZ-17		95.6	43.0	75.2	71.2
18	AVT/IVT-RAINFED-NEPZ-18		48.7	94.1	92.7	78.5
AVG			79.2	78.0	84.2	80.4

Thin Grain

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		2.8	13.4	0.7	5.6
2	AVT/IVT-RAINFED-NEPZ-2		8.0	5.3	1.3	4.8
3	AVT/IVT-RAINFED-NEPZ-3		8.1	5.0	2.7	5.2
4	AVT/IVT-RAINFED-NEPZ-4		1.0	0.7	3.3	1.7
5	AVT/IVT-RAINFED-NEPZ-5		3.3	11.7	3.6	6.2
6	AVT/IVT-RAINFED-NEPZ-6		1.2	2.7	4.0	2.6
7	AVT/IVT-RAINFED-NEPZ-7		6.5	5.7	1.9	4.7
8	AVT/IVT-RAINFED-NEPZ-8		1.6	1.5	2.1	1.7
9	AVT/IVT-RAINFED-NEPZ-9		0.9	6.8	1.7	3.1
10	AVT/IVT-RAINFED-NEPZ-10		1.6	1.3	2.1	1.6
11	AVT/IVT-RAINFED-NEPZ-11		7.7	3.7	0.5	3.9
12	AVT/IVT-RAINFED-NEPZ-12		2.6	1.5	0.4	1.5
13	AVT/IVT-RAINFED-NEPZ-13		6.2	5.5	4.3	5.3
14	AVT/IVT-RAINFED-NEPZ-14		2.0	2.1	0.3	1.5
15	AVT/IVT-RAINFED-NEPZ-15		3.4	2.5	1.6	2.5
16	AVT/IVT-RAINFED-NEPZ-16		2.6	3.6	4.8	3.7
17	AVT/IVT-RAINFED-NEPZ-17		0.7	16.3	2.4	6.5
18	AVT/IVT-RAINFED-NEPZ-18		9.3	1.0	0.7	3.7
AVG			3.8	5.0	2.1	3.7

Moisture

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		11.1	11.0	11.7	11.3
2	AVT/IVT-RAINFED-NEPZ-2		11.4	11.1	10.2	10.9
3	AVT/IVT-RAINFED-NEPZ-3		12.0	11.2	11.2	11.5
4	AVT/IVT-RAINFED-NEPZ-4		11.6	11.4	10.8	11.3
5	AVT/IVT-RAINFED-NEPZ-5		11.2	11.2	10.8	11.1
6	AVT/IVT-RAINFED-NEPZ-6		11.1	11.9	10.2	11.0
7	AVT/IVT-RAINFED-NEPZ-7		10.8	11.0	11.1	11.0
8	AVT/IVT-RAINFED-NEPZ-8		11.1	11.1	12.6	11.6
9	AVT/IVT-RAINFED-NEPZ-9		11.2	10.6	11.2	11.0
10	AVT/IVT-RAINFED-NEPZ-10		11.6	11.4	11.8	11.6
11	AVT/IVT-RAINFED-NEPZ-11		11.1	11.5	12.2	11.6
12	AVT/IVT-RAINFED-NEPZ-12		11.1	11.0	12.4	11.5
13	AVT/IVT-RAINFED-NEPZ-13		11.2	10.9	11.2	11.1
14	AVT/IVT-RAINFED-NEPZ-14		11.5	11.4	11.1	11.3
15	AVT/IVT-RAINFED-NEPZ-15		12.3	11.1	10.6	11.3
16	AVT/IVT-RAINFED-NEPZ-16		11.1	10.7	11.3	11.0
17	AVT/IVT-RAINFED-NEPZ-17		12.3	11.0	10.7	11.3
18	AVT/IVT-RAINFED-NEPZ-18		11.8	11.2	12.6	11.9
AVG			11.4	11.1	11.3	11.3

Starch

SR.NO	Code	Genotype	AYODHYA	SAMASTIPUR	RANCHI	MEAN
1	AVT/IVT-RAINFED-NEPZ-1		61.4	60.7	60.4	60.8
2	AVT/IVT-RAINFED-NEPZ-2		62.1	61.3	61.2	61.5
3	AVT/IVT-RAINFED-NEPZ-3		60.5	60.2	59.6	60.1
4	AVT/IVT-RAINFED-NEPZ-4		61.8	60.3	60.9	61.0
5	AVT/IVT-RAINFED-NEPZ-5		61.8	60.4	60.7	61.0
6	AVT/IVT-RAINFED-NEPZ-6		61.3	61.0	61.1	61.1
7	AVT/IVT-RAINFED-NEPZ-7		60.9	60.4	60.2	60.5
8	AVT/IVT-RAINFED-NEPZ-8		62.2	60.9	59.7	60.9
9	AVT/IVT-RAINFED-NEPZ-9		61.5	60.6	60.2	60.7
10	AVT/IVT-RAINFED-NEPZ-10		61.2	60.7	60.9	60.9
11	AVT/IVT-RAINFED-NEPZ-11		61.5	60.9	59.8	60.7
12	AVT/IVT-RAINFED-NEPZ-12		61.7	60.8	59.4	60.6
13	AVT/IVT-RAINFED-NEPZ-13		62.0	61.5	61.1	61.5
14	AVT/IVT-RAINFED-NEPZ-14		61.7	60.8	60.4	61.0
15	AVT/IVT-RAINFED-NEPZ-15		60.4	61.2	60.6	60.7
16	AVT/IVT-RAINFED-NEPZ-16		61.9	61.6	60.7	61.4
17	AVT/IVT-RAINFED-NEPZ-17		60.8	60.8	61.0	60.8
18	AVT/IVT-RAINFED-NEPZ-18		60.3	59.9	59.8	60.0
AVG			61.4	60.8	60.4	60.9