

# **AVTs**

**Table 1: Grain appearance score (Max-10) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	6.8	5.6	6.6	<b>6.3</b>
2	VL907 (C)	102	7.0	5.8	6.6	<b>6.5</b>
3	VL2041 (C)	104	7.0	6.0	6.4	<b>6.5</b>
4	HPW349 (C)	105	6.8	5.6	6.6	<b>6.3</b>
5	VL2059M	103	6.8	5.6	6.0	<b>6.1</b>
<b>Mean</b>			<b>6.9</b>	<b>5.7</b>	<b>6.4</b>	<b>6.3</b>

**Table 2: Hectolitre weight (Kg/hl) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	81.3	80.6	80.6	<b>80.8</b>
2	VL907 (C)	102	81.5	80.5	80.6	<b>80.9</b>
3	VL2041 (C)	104	82.2	79.7	79.7	<b>80.5</b>
4	HPW349 (C)	105	82.6	82.2	81.2	<b>82.0</b>
5	VL2059M	103	79.8	79.0	77.6	<b>78.8</b>
<b>Mean</b>			<b>81.5</b>	<b>80.4</b>	<b>79.9</b>	<b>80.6</b>

**Table 3: Protein content (%) at 12% moisture basis of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	12.2	7.8	9.3	<b>9.8</b>
2	VL907 (C)	102	13.2	8.4	9.7	<b>10.4</b>
3	VL2041 (C)	104	10.8	6.9	8.7	<b>8.8</b>
4	HPW349 (C)	105	12.4	8.8	9.0	<b>10.1</b>
5	VL2059M	103	13.7	10.1	10.3	<b>11.3</b>
<b>Mean</b>			<b>12.5</b>	<b>8.4</b>	<b>9.4</b>	<b>10.1</b>

**Table 4: Sedimentation value (ml) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	51	35	52	<b>46</b>
2	VL907 (C)	102	41	32	40	<b>38</b>
3	VL2041 (C)	104	49	28	48	<b>41</b>
4	HPW349 (C)	105	51	41	51	<b>48</b>
5	VL2059M	103	48	44	50	<b>47</b>
<b>Mean</b>			<b>48</b>	<b>36</b>	<b>48</b>	<b>44</b>

**Table 5: Phenol test (Max-10) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	8.0	6.5	7.5	<b>7.3</b>
2	VL907 (C)	102	7.5	6.5	7.0	<b>7.0</b>
3	VL2041 (C)	104	3.0	4.5	5.0	<b>4.2</b>
4	HPW349 (C)	105	8.5	7.0	8.0	<b>7.8</b>
5	VL2059M	103	8.0	7.0	7.5	<b>7.5</b>
<b>Mean</b>			<b>7.0</b>	<b>6.3</b>	<b>7.0</b>	<b>6.8</b>

**Table 6: Hardness index of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	82.9			<b>82.9</b>
2	VL907 (C)	102	64.5			<b>64.5</b>
3	VL2041 (C)	104	32.5			<b>32.5</b>
4	HPW349 (C)	105	76.3			<b>76.3</b>
5	VL2059M	103	58.5			<b>58.5</b>
<b>Mean</b>			<b>62.9</b>			<b>62.9</b>

**Table 7: Grain iron content (ppm) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	48.3	45.0	43.0	<b>45.4</b>
2	VL907 (C)	102	50.8	44.8	45.9	<b>47.2</b>
3	VL2041 (C)	104	43.9	38.1	39.3	<b>40.4</b>
4	HPW349 (C)	105	47.7	47.1	43.4	<b>46.1</b>
5	VL2059M	103	51.9	49.4	43.4	<b>48.2</b>
<b>Mean</b>			<b>48.5</b>	<b>44.9</b>	<b>43.0</b>	<b>45.5</b>

**Table 8: Grain zinc content (ppm) of *T. aestivum* genotypes in Northern Hills Zone (NHZ) AVTs**

S. No.	Entries	Code	Almora	Shimla	Malan	Mean
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	41.5	31.6	27.8	<b>33.6</b>
2	VL907 (C)	102	53.0	41.5	33.6	<b>42.7</b>
3	VL2041 (C)	104	42.6	30.9	23.7	<b>32.4</b>
4	HPW349 (C)	105	53.3	27.8	28.6	<b>36.6</b>
5	VL2059M	103	53.0	44.3	31.8	<b>43.0</b>
<b>Mean</b>			<b>48.7</b>	<b>35.2</b>	<b>29.1</b>	<b>37.7</b>

**Table 9: Grain appearance score (Max-10) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D'pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	5.8	6.4	6.2	6.2	5.8	6.8	<b>6.2</b>
2	HD3471M*	108	6.0	6.6	6.4	6.0	5.8	6.2	<b>6.2</b>
3	DBW386*	109	6.2	6.8	6.6	6.2	6.4	6.8	<b>6.5</b>
4	PBW725 (C)	101	6.2	6.6	6.8	5.6	5.4	6.2	<b>6.1</b>
5	DBW88 (C)	103	6.0	6.2	6.6	5.8	5.4	5.8	<b>6.0</b>
6	HD2967 (C)	106	5.4	5.8	6.6	6.0	5.6	6.4	<b>6.0</b>
7	HD3086 (C)	110	5.8	6.4	6.8	6.2	6.2	6.6	<b>6.3</b>
8	DBW187 (C)	111	5.8	6.2	6.2	6.0	5.4	6.4	<b>6.0</b>
9	DBW222 (C)	112	6.4	6.6	6.4	6.0	5.2	6.8	<b>6.2</b>
10	HD3386(I) (C)	115	6.6	6.8	7.0	6.2	6.2	6.8	<b>6.6</b>
11	PBW826 (C)	116	6.8	6.4	6.8	6.0	6.8	6.8	<b>6.6</b>
12	DBW477M	102	5.8	6.4	6.4	5.8	5.6	6.4	<b>6.1</b>
13	PBW957M	105	6.0	6.2	6.8	5.8	5.6	6.2	<b>6.1</b>
14	DBW417	107	6.6	6.6	6.6	6.0	5.8	6.6	<b>6.4</b>
15	PBW916	113	6.4	6.2	6.8	6.0	5.8	6.6	<b>6.3</b>
16	PBW958M	114	5.8	6.2	6.6	6.0	5.6	6.6	<b>6.1</b>
17	DBW476M	117	6.2	6.0	6.4	5.8	5.0	6.4	<b>6.0</b>
18	HD3494M	118	6.6	6.0	6.4	5.8	5.8	6.2	<b>6.1</b>
<b>Mean</b>			<b>6.1</b>	<b>6.4</b>	<b>6.6</b>	<b>6.0</b>	<b>5.7</b>	<b>6.5</b>	<b>6.2</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	6.2	5.8	6.6	6.0	6.2	5.2	<b>6.0</b>
2	HD3059 (C)	205	6.6	5.6	5.8	6.2	5.8	6.4	<b>6.1</b>
3	PBW771 (C)	206	6.6	6.0	6.4	6.4	6.2	6.4	<b>6.3</b>
4	JKW261 (C)	207	5.6	5.4	5.8	5.6	5.6	5.4	<b>5.6</b>
5	DBW173 (C)	212	6.4	5.6	6.4	6.2	6.4	6.2	<b>6.2</b>
6	WH1324	201	5.8	5.4	6.4	6.0	5.4	5.6	<b>5.8</b>
7	NW8071	203	6.6	6.2	6.4	6.0	6.6	6.0	<b>6.3</b>
8	HD3455	204	6.4	5.4	6.2	5.6	5.6	5.2	<b>5.7</b>
9	DBW422	208	5.2	6.4	6.4	5.8	6.4	5.8	<b>6.0</b>
10	PBW921	209	5.8	5.4	6.0	5.6	6.2	5.0	<b>5.7</b>
11	Raj4581	210	6.4	5.6	6.2	6.0	6.2	6.2	<b>6.1</b>
12	HD3495M	211	5.8	5.4	6.2	6.0	5.8	6.4	<b>5.9</b>
<b>Mean</b>			<b>6.1</b>	<b>5.7</b>	<b>6.2</b>	<b>6.0</b>	<b>6.0</b>	<b>5.8</b>	<b>6.0</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	6.2	6.6	6.8	6.2	6.8	6.8	<b>6.6</b>
2	HD3369 (C)	302	6.0	5.6	7.0	6.2	6.6	6.6	<b>6.3</b>
3	HI1653 (C)	303	5.8	5.6	7.6	6.0	6.8	7.2	<b>6.5</b>
4	PBW644 (C)	305	6.2	6.0	6.8	6.2	6.8	6.4	<b>6.4</b>
5	NIAW3170 (C)	306	6.2	6.2	6.8	5.8	7.0	6.4	<b>6.4</b>
6	DBW296 (C)	308	6.0	6.0	6.6	6.2	6.8	6.6	<b>6.4</b>
7	PBW927	304	5.6	6.4	6.6	6.2	7.0	6.6	<b>6.4</b>
8	JKW304	307	5.6	6.0	6.4	6.0	6.8	6.0	<b>6.1</b>
9	HD3468	309	5.8	6.2	5.8	5.8	6.8	6.8	<b>6.2</b>
10	WH1326	310	5.8	5.6	6.6	5.8	7.4	7.4	<b>6.4</b>
<b>Mean</b>			<b>5.9</b>	<b>6.0</b>	<b>6.7</b>	<b>6.0</b>	<b>6.9</b>	<b>6.7</b>	<b>6.4</b>

**Table 10: Hectolitre weight (Kg/hl) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D'pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	79.3	80.6	80.2	79.0	75.5	80.3	<b>79.2</b>
2	HD3471M*	108	80.9	81.3	80.9	80.1	74.8	79.8	<b>79.6</b>
3	DBW386*	109	82.0	82.9	81.8	80.9	78.7	82.4	<b>81.5</b>
4	PBW725 (C)	101	81.6	81.9	83.7	79.3	76.1	80.8	<b>80.6</b>
5	DBW88 (C)	103	81.3	79.7	82.0	79.7	75.5	80.1	<b>79.7</b>
6	HD2967 (C)	106	77.3	79.2	80.6	76.5	75.0	82.0	<b>78.4</b>
7	HD3086 (C)	110	82.1	82.4	82.5	80.5	78.8	80.4	<b>81.1</b>
8	DBW187 (C)	111	80.4	77.2	82.3	79.6	74.9	81.2	<b>79.3</b>
9	DBW222 (C)	112	80.6	80.4	81.4	79.2	75.2	81.6	<b>79.7</b>
10	HD3386(I) (C)	115	82.5	82.5	82.7	80.5	78.4	81.4	<b>81.3</b>
11	PBW826 (C)	116	81.9	81.2	83.4	80.6	80.5	81.9	<b>81.6</b>
12	DBW477M	102	81.6	81.7	81.1	80.1	76.0	83.0	<b>80.6</b>
13	PBW957M	105	82.0	81.8	82.5	81.1	78.3	81.8	<b>81.3</b>
14	DBW417	107	79.4	77.0	80.5	75.6	73.5	78.4	<b>77.4</b>
15	PBW916	113	80.8	80.4	81.7	79.0	77.2	80.8	<b>80.0</b>
16	PBW958M	114	82.1	83.0	83.1	82.3	77.2	83.4	<b>81.9</b>
17	DBW476M	117	81.4	81.5	81.7	80.3	75.8	80.6	<b>80.2</b>
18	HD3494M	118	80.3	80.0	80.6	77.5	75.8	80.6	<b>79.1</b>
<b>Mean</b>			<b>81.0</b>	<b>80.8</b>	<b>81.8</b>	<b>79.5</b>	<b>76.5</b>	<b>81.1</b>	<b>80.1</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	80.4	81.8	81.8	81.1	79.9	73.8	<b>79.8</b>
2	HD3059 (C)	205	80.1	81.2	79.2	79.7	78.2	79.7	<b>79.7</b>
3	PBW771 (C)	206	79.8	80.2	81.0	79.8	79.9	77.8	<b>79.8</b>
4	JKW261 (C)	207	78.2	79.2	79.3	79.3	77.2	68.5	<b>77.0</b>
5	DBW173 (C)	212	77.2	80.0	80.1	79.5	78.0	75.0	<b>78.3</b>
6	WH1324	201	77.1	78.8	80.6	80.1	77.1	76.2	<b>78.3</b>
7	NW8071	203	79.7	80.7	80.5	80.2	79.5	78.5	<b>79.9</b>
8	HD3455	204	78.6	78.8	80.2	78.5	78.2	72.7	<b>77.8</b>
9	DBW422	208	79.8	83.0	84.5	81.8	82.2	82.3	<b>82.3</b>
10	PBW921	209	79.7	79.6	81.6	79.2	79.5	73.3	<b>78.8</b>
11	Raj4581	210	79.8	80.6	81.5	80.1	81.2	76.4	<b>79.9</b>
12	HD3495M	211	77.4	80.2	79.8	80.0	76.3	78.3	<b>78.7</b>
<b>Mean</b>			<b>79.0</b>	<b>80.3</b>	<b>80.8</b>	<b>79.9</b>	<b>78.9</b>	<b>76.0</b>	<b>79.2</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	81.2	80.5	80.7	82.1	83.7	82.9	<b>81.9</b>
2	HD3369 (C)	302	80.6	81.6	82.7	81.1	82.0	81.9	<b>81.7</b>
3	HI1653 (C)	303	79.2	79.9	80.0	79.9	80.3	80.9	<b>80.0</b>
4	PBW644 (C)	305	77.9	80.0	80.9	79.5	80.4	79.4	<b>79.7</b>
5	NIAW3170 (C)	306	78.9	80.4	80.8	80.0	80.7	81.8	<b>80.4</b>
6	DBW296 (C)	308	80.8	82.0	82.7	81.0	83.5	82.2	<b>82.0</b>
7	PBW927	304	80.5	81.6	80.9	81.2	82.0	82.2	<b>81.4</b>
8	JKW304	307	77.8	79.9	79.5	79.3	79.4	77.9	<b>79.0</b>
9	HD3468	309	79.7	81.0	79.1	81.8	82.1	83.1	<b>81.1</b>
10	WH1326	310	79.5	80.3	80.5	79.9	81.5	82.2	<b>80.7</b>
<b>Mean</b>			<b>79.6</b>	<b>80.7</b>	<b>80.8</b>	<b>80.6</b>	<b>81.6</b>	<b>81.5</b>	<b>80.8</b>

**Table 11: Protein content (%) at 12% moisture basis of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	10.4	11.3	12.3	9.9	13.1	10.1	<b>11.2</b>
2	HD3471M*	108	10.3	11.1	12.7	9.0	12.9	10.9	<b>11.1</b>
3	DBW386*	109	9.0	10.7	11.1	9.1	11.9	10.2	<b>10.4</b>
4	PBW725 (C)	101	10.3	11.1	12.2	10.8	13.0	12.2	<b>11.6</b>
5	DBW88 (C)	103	9.9	12.3	11.8	9.7	13.0	11.5	<b>11.4</b>
6	HD2967 (C)	106	9.1	11.0	11.6	10.7	13.0	10.3	<b>10.9</b>
7	HD3086 (C)	110	9.7	11.3	12.0	9.7	12.1	10.9	<b>11.0</b>
8	DBW187 (C)	111	9.4	12.5	12.1	9.7	13.3	10.5	<b>11.3</b>
9	DBW222 (C)	112	9.6	10.4	11.1	10.4	12.7	11.1	<b>10.9</b>
10	HD3386(I) (C)	115	9.0	9.5	10.9	9.7	11.9	10.3	<b>10.2</b>
11	PBW826 (C)	116	9.4	10.6	11.0	9.3	11.5	10.3	<b>10.4</b>
12	DBW477M	102	9.3	11.9	12.2	10.5	13.1	11.1	<b>11.4</b>
13	PBW957M	105	9.2	11.2	12.9	10.6	12.9	11.3	<b>11.4</b>
14	DBW417	107	9.8	11.0	11.0	9.8	12.9	10.8	<b>10.9</b>
15	PBW916	113	9.8	11.3	12.7	10.8	13.1	11.9	<b>11.6</b>
16	PBW958M	114	10.2	10.3	12.4	9.9	13.3	11.7	<b>11.3</b>
17	DBW476M	117	10.4	11.9	12.3	10.2	12.9	11.4	<b>11.5</b>
18	HD3494M	118	10.4	12.2	12.3	9.9	13.2	11.7	<b>11.6</b>
<b>Mean</b>			<b>9.7</b>	<b>11.2</b>	<b>11.9</b>	<b>10.0</b>	<b>12.8</b>	<b>11.0</b>	<b>11.1</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	10.7	10.3	10.9	11.8	12.0	13.7	<b>11.6</b>
2	HD3059 (C)	205	10.8	10.6	12.0	12.3	12.4	12.4	<b>11.8</b>
3	PBW771 (C)	206	12.3	10.0	10.7	11.5	11.7	12.1	<b>11.4</b>
4	JKW261 (C)	207	10.6	10.6	9.8	9.9	11.3	13.4	<b>10.9</b>
5	DBW173 (C)	212	10.9	10.9	12.0	11.6	12.1	13.9	<b>11.9</b>
6	WH1324	201	11.6	9.7	11.5	10.7	11.8	13.0	<b>11.4</b>
7	NW8071	203	11.4	11.1	11.2	10.9	12.5	13.1	<b>11.7</b>
8	HD3455	204	12.2	11.7	11.5	11.2	11.8	13.0	<b>11.9</b>
9	DBW422	208	11.2	10.0	10.5	12.0	12.2	11.9	<b>11.3</b>
10	PBW921	209	10.3	10.4	11.8	11.7	12.0	13.6	<b>11.6</b>
11	Raj4581	210	10.5	10.6	10.9	10.8	11.3	12.0	<b>11.0</b>
12	HD3495M	211	11.0	10.8	10.7	11.4	12.2	14.1	<b>11.7</b>
<b>Mean</b>			<b>11.1</b>	<b>10.5</b>	<b>11.1</b>	<b>11.3</b>	<b>11.9</b>	<b>13.0</b>	<b>11.5</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	9.9	11.6	11.5	8.5	10.7	12.7	<b>10.8</b>
2	HD3369 (C)	302	10.5	12.7	10.9	9.6	13.1	10.7	<b>11.3</b>
3	HI1653 (C)	303	10.7	12.1	11.8	8.7	12.3	12.1	<b>11.3</b>
4	PBW644 (C)	305	10.4	12.9	11.0	8.7	12.1	12.5	<b>11.3</b>
5	NIAW3170 (C)	306	10.8	12.1	10.7	9.2	12.8	11.7	<b>11.2</b>
6	DBW296 (C)	308	10.5	12.7	10.1	10.0	11.5	11.8	<b>11.1</b>
7	PBW927	304	10.4	13.7	11.5	9.1	12.8	13.0	<b>11.8</b>
8	JKW304	307	10.3	12.2	10.6	8.2	11.2	11.7	<b>10.7</b>
9	HD3468	309	9.7	12.0	12.3	8.5	11.3	11.3	<b>10.8</b>
10	WH1326	310	10.1	11.5	11.0	8.9	11.9	12.4	<b>11.0</b>
<b>Mean</b>			<b>10.3</b>	<b>12.4</b>	<b>11.1</b>	<b>8.9</b>	<b>12.0</b>	<b>12.0</b>	<b>11.1</b>

**Table 12: Sedimentation value (ml) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.,pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	52	56	56	49	59	56	<b>55</b>
2	HD3471M*	108	52	58	54	47	59	57	<b>54</b>
3	DBW386*	109	43	50	45	42	57	50	<b>48</b>
4	PBW725 (C)	101	53	53	50	50	58	55	<b>53</b>
5	DBW88 (C)	103	51	57	51	46	59	51	<b>53</b>
6	HD2967 (C)	106	49	53	46	47	56	52	<b>50</b>
7	HD3086 (C)	110	47	54	46	42	54	53	<b>49</b>
8	DBW187 (C)	111	52	60	54	51	62	57	<b>56</b>
9	DBW222 (C)	112	49	53	51	42	55	53	<b>50</b>
10	HD3386(I) (C)	115	43	49	44	41	52	52	<b>47</b>
11	PBW826 (C)	116	47	51	45	42	56	51	<b>49</b>
12	DBW477M	102	53	54	50	52	60	54	<b>54</b>
13	PBW957M	105	56	58	57	53	58	57	<b>57</b>
14	DBW417	107	47	45	46	43	56	51	<b>48</b>
15	PBW916	113	49	53	52	49	61	50	<b>53</b>
16	PBW958M	114	54	52	53	48	59	55	<b>53</b>
17	DBW476M	117	51	52	52	44	60	53	<b>52</b>
18	HD3494M	118	49	49	51	46	53	47	<b>49</b>
<b>Mean</b>			<b>50</b>	<b>53</b>	<b>50</b>	<b>46</b>	<b>58</b>	<b>53</b>	<b>52</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	52	49	53	48	54	56	<b>52</b>
2	HD3059 (C)	205	55	50	53	49	58	57	<b>54</b>
3	PBW771 (C)	206	42	39	40	36	38	41	<b>39</b>
4	JKW261 (C)	207	50	46	47	42	49	55	<b>48</b>
5	DBW173 (C)	212	52	53	54	48	56	55	<b>53</b>
6	WH1324	201	63	53	59	52	58	61	<b>58</b>
7	NW8071	203	56	54	53	46	55	56	<b>53</b>
8	HD3455	204	53	48	52	41	46	53	<b>49</b>
9	DBW422	208	53	52	54	47	56	57	<b>53</b>
10	PBW921	209	56	50	55	49	54	59	<b>54</b>
11	Raj4581	210	49	47	45	45	49	57	<b>49</b>
12	HD3495M	211	54	49	49	44	56	57	<b>52</b>
<b>Mean</b>			<b>53</b>	<b>49</b>	<b>51</b>	<b>46</b>	<b>52</b>	<b>55</b>	<b>51</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	57	59	64	46	56	67	<b>58</b>
2	HD3369 (C)	302	61	63	57	51	61	66	<b>60</b>
3	HI1653 (C)	303	55	60	59	47	60	66	<b>58</b>
4	PBW644 (C)	305	43	46	46	39	42	45	<b>44</b>
5	NIAW3170 (C)	306	47	48	51	42	47	53	<b>48</b>
6	DBW296 (C)	308	53	54	51	46	52	56	<b>52</b>
7	PBW927	304	44	53	56	39	53	54	<b>50</b>
8	JKW304	307	50	49	52	39	48	50	<b>48</b>
9	HD3468	309	46	54	60	39	47	52	<b>50</b>
10	WH1326	310	52	56	57	48	58	61	<b>55</b>
<b>Mean</b>			<b>51</b>	<b>54</b>	<b>55</b>	<b>44</b>	<b>52</b>	<b>57</b>	<b>52</b>

**Table 13: Phenol test (Max-10) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	8.0	7.5	8.0	7.5	7.5	9.5	<b>8.0</b>
2	HD3471M*	108	8.5	7.5	7.5	7.0	8.5	9.5	<b>8.1</b>
3	DBW386*	109	7.5	7.0	7.0	6.5	8.0	9.0	<b>7.5</b>
4	PBW725 (C)	101	7.5	7.5	7.5	7.0	7.0	9.0	<b>7.6</b>
5	DBW88 (C)	103	8.0	8.0	8.0	8.0	8.0	9.0	<b>8.2</b>
6	HD2967 (C)	106	7.5	7.0	7.5	7.0	7.0	7.5	<b>7.3</b>
7	HD3086 (C)	110	7.0	7.5	7.5	7.0	7.5	9.0	<b>7.6</b>
8	DBW187 (C)	111	7.5	8.0	7.5	7.5	7.5	9.5	<b>7.9</b>
9	DBW222 (C)	112	7.5	7.5	8.0	7.5	7.5	9.5	<b>7.9</b>
10	HD3386(I) (C)	115	7.0	7.5	7.0	7.0	7.5	8.5	<b>7.4</b>
11	PBW826 (C)	116	7.0	7.5	7.5	7.0	7.0	7.5	<b>7.3</b>
12	DBW477M	102	7.5	7.0	7.5	7.0	6.5	8.5	<b>7.3</b>
13	PBW957M	105	7.5	7.0	8.0	7.0	7.5	8.0	<b>7.5</b>
14	DBW417	107	5.5	5.0	5.0	5.0	5.5	6.0	<b>5.3</b>
15	PBW916	113	6.5	6.5	6.5	6.0	7.0	7.0	<b>6.6</b>
16	PBW958M	114	7.0	7.0	7.5	6.5	7.5	7.5	<b>7.2</b>
17	DBW476M	117	7.5	8.0	7.5	7.0	7.5	8.0	<b>7.6</b>
18	HD3494M	118	7.0	7.5	7.0	7.5	7.0	7.5	<b>7.3</b>
<b>Mean</b>			<b>7.3</b>	<b>7.3</b>	<b>7.3</b>	<b>6.9</b>	<b>7.3</b>	<b>8.3</b>	<b>7.4</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	8.0	7.5	7.5	7.0	7.5	9.0	<b>7.8</b>
2	HD3059 (C)	205	8.0	8.0	8.5	7.5	8.5	9.0	<b>8.3</b>
3	PBW771 (C)	206	8.0	7.5	8.0	7.5	8.0	9.0	<b>8.0</b>
4	JKW261 (C)	207	7.0	7.5	7.0	7.0	7.5	9.0	<b>7.5</b>
5	DBW173 (C)	212	6.0	8.0	8.0	7.5	7.5	9.0	<b>7.7</b>
6	WH1324	201	8.5	7.5	8.0	8.0	8.0	9.5	<b>8.3</b>
7	NW8071	203	8.0	8.0	8.0	6.5	8.0	8.5	<b>7.8</b>
8	HD3455	204	6.0	5.0	6.0	5.0	6.0	6.5	<b>5.8</b>
9	DBW422	208	8.0	8.0	7.5	7.5	8.0	9.0	<b>8.0</b>
10	PBW921	209	7.5	7.5	7.5	7.5	8.0	9.5	<b>7.9</b>
11	Raj4581	210	7.5	8.0	7.0	7.0	7.5	9.5	<b>7.8</b>
12	HD3495M	211	7.5	8.0	7.5	7.0	7.0	8.5	<b>7.6</b>
<b>Mean</b>			<b>7.5</b>	<b>7.5</b>	<b>7.5</b>	<b>7.1</b>	<b>7.6</b>	<b>8.8</b>	<b>7.7</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	7.0	8.0	8.5	6.0	6.5	7.5	<b>7.3</b>
2	HD3369 (C)	302	7.0	7.0	7.5	6.5	6.5	7.5	<b>7.0</b>
3	HI1653 (C)	303	8.0	8.0	8.0	7.0	8.0	8.0	<b>7.8</b>
4	PBW644 (C)	305	8.5	7.0	7.5	6.5	8.5	8.0	<b>7.7</b>
5	NIAW3170 (C)	306	7.0	7.0	7.0	6.0	7.0	7.5	<b>6.9</b>
6	DBW296 (C)	308	7.5	6.5	7.0	6.5	7.0	8.0	<b>7.1</b>
7	PBW927	304	8.0	7.5	8.0	6.5	8.5	8.5	<b>7.8</b>
8	JKW304	307	7.5	7.0	7.5	7.0	8.0	8.0	<b>7.5</b>
9	HD3468	309	8.0	8.0	9.0	7.5	8.0	9.0	<b>8.3</b>
10	WH1326	310	8.5	7.5	8.5	7.5	8.0	9.0	<b>8.2</b>
<b>Mean</b>			<b>7.7</b>	<b>7.4</b>	<b>7.9</b>	<b>6.7</b>	<b>7.6</b>	<b>8.1</b>	<b>7.6</b>



**Table 14: Hardness index of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D'pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104						80.0	<b>80.0</b>
2	HD3471M*	108						86.7	<b>86.7</b>
3	DBW386*	109						83.2	<b>83.2</b>
4	PBW725 (C)	101						83.2	<b>83.2</b>
5	DBW88 (C)	103						82.9	<b>82.9</b>
6	HD2967 (C)	106						81.8	<b>81.8</b>
7	HD3086 (C)	110						85.9	<b>85.9</b>
8	DBW187 (C)	111						82.4	<b>82.4</b>
9	DBW222 (C)	112						80.3	<b>80.3</b>
10	HD3386(I) (C)	115						80.2	<b>80.2</b>
11	PBW826 (C)	116						84.0	<b>84.0</b>
12	DBW477M	102						86.3	<b>86.3</b>
13	PBW957M	105						80.0	<b>80.0</b>
14	DBW417	107						74.2	<b>74.2</b>
15	PBW916	113						80.8	<b>80.8</b>
16	PBW958M	114						82.2	<b>82.2</b>
17	DBW476M	117						88.6	<b>88.6</b>
18	HD3494M	118						79.2	<b>79.2</b>
<b>Mean</b>								<b>82.3</b>	<b>82.3</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202						85.6	<b>85.6</b>
2	HD3059 (C)	205						87.2	<b>87.2</b>
3	PBW771 (C)	206						88.2	<b>88.2</b>
4	JKW261 (C)	207						89.4	<b>89.4</b>
5	DBW173 (C)	212						86.8	<b>86.8</b>
6	WH1324	201						82.3	<b>82.3</b>
7	NW8071	203						77.8	<b>77.8</b>
8	HD3455	204						87.7	<b>87.7</b>
9	DBW422	208						81.3	<b>81.3</b>
10	PBW921	209						96.7	<b>96.7</b>
11	Raj4581	210						89.0	<b>89.0</b>
12	HD3495M	211						85.9	<b>85.9</b>
<b>Mean</b>								<b>86.5</b>	<b>86.5</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301						74.5	<b>74.5</b>
2	HD3369 (C)	302						74.3	<b>74.3</b>
3	HI1653 (C)	303						69.5	<b>69.5</b>
4	PBW644 (C)	305						78.3	<b>78.3</b>
5	NIAW3170 (C)	306						33.5	<b>33.5</b>
6	DBW296 (C)	308						40.0	<b>40.0</b>
7	PBW927	304						71.2	<b>71.2</b>
8	JKW304	307						79.9	<b>79.9</b>
9	HD3468	309						85.2	<b>85.2</b>
10	WH1326	310						72.2	<b>72.2</b>
<b>Mean</b>								<b>67.9</b>	<b>67.9</b>

**Table 15: Grain iron content (ppm) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	42.6	38.9	42.9	40.7	46.3	38.9	<b>41.7</b>
2	HD3471M*	108	35.2	43.2	32.9	38.4	41.5	39.3	<b>38.4</b>
3	DBW386*	109	34.4	39.4	33.7	37.3	41.9	37.6	<b>37.4</b>
4	PBW725 (C)	101	33.1	37.1	42.2	37.6	46.7	37.0	<b>39.0</b>
5	DBW88 (C)	103	31.1	36.4	36.7	38.7	42.0	32.4	<b>36.2</b>
6	HD2967 (C)	106	35.9	37.3	35.4	38.6	39.5	35.3	<b>37.0</b>
7	HD3086 (C)	110	38.4	40.3	39.0	41.6	44.9	35.9	<b>40.0</b>
8	DBW187 (C)	111	32.9	41.6	39.3	37.0	42.1	37.9	<b>38.5</b>
9	DBW222 (C)	112	37.0	41.2	36.4	35.3	39.8	37.0	<b>37.8</b>
10	HD3386(I) (C)	115	33.4	30.0	40.3	33.3	38.5	33.9	<b>34.9</b>
11	PBW826 (C)	116	40.9	39.4	34.3	32.9	38.9	34.2	<b>36.8</b>
12	DBW477M	102	31.6	40.0	38.9	39.3	44.7	35.5	<b>38.3</b>
13	PBW957M	105	38.1	38.2	39.2	40.3	44.7	39.9	<b>40.1</b>
14	DBW417	107	39.3	39.7	41.4	39.5	40.9	35.1	<b>39.3</b>
15	PBW916	113	34.6	44.4	41.4	40.9	43.7	32.9	<b>39.7</b>
16	PBW958M	114	39.2	40.6	37.0	37.8	42.7	39.6	<b>39.5</b>
17	DBW476M	117	35.1	38.5	36.8	34.7	41.8	39.1	<b>37.7</b>
18	HD3494M	118	38.3	39.5	32.1	42.7	41.4	39.7	<b>39.0</b>
<b>Mean</b>			<b>36.2</b>	<b>39.2</b>	<b>37.8</b>	<b>38.1</b>	<b>42.3</b>	<b>36.7</b>	<b>38.4</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	33.8	43.9	39.4	40.3	46.3	42.8	<b>41.1</b>
2	HD3059 (C)	205	32.8	46.1	37.5	39.5	38.5	36.8	<b>38.5</b>
3	PBW771 (C)	206	37.9	39.3	36.8	38.3	41.7	40.8	<b>39.1</b>
4	JKW261 (C)	207	37.1	36.2	32.2	35.3	40.8	38.3	<b>36.7</b>
5	DBW173 (C)	212	33.0	42.8	41.6	40.5	47.3	39.9	<b>40.9</b>
6	WH1324	201	36.8	41.6	35.7	38.0	41.2	37.5	<b>38.5</b>
7	NW8071	203	38.5	47.7	37.7	42.1	42.1	35.2	<b>40.6</b>
8	HD3455	204	35.4	40.6	40.1	43.8	42.3	33.2	<b>39.2</b>
9	DBW422	208	40.4	44.9	37.7	40.0	41.4	40.7	<b>40.9</b>
10	PBW921	209	36.3	35.4	39.4	37.7	42.0	35.7	<b>37.8</b>
11	Raj4581	210	38.2	44.3	38.5	37.3	44.0	36.2	<b>39.8</b>
12	HD3495M	211	34.8	43.6	36.2	36.5	39.0	36.2	<b>37.7</b>
<b>Mean</b>			<b>36.3</b>	<b>42.2</b>	<b>37.7</b>	<b>39.1</b>	<b>42.2</b>	<b>37.8</b>	<b>39.2</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	30.9	43.7	36.4	34.9	41.9	43.8	<b>38.6</b>
2	HD3369 (C)	302	35.5	43.5	39.8	39.0	46.4	40.0	<b>40.7</b>
3	HI1653 (C)	303	32.8	43.0	37.4	37.6	44.6	50.7	<b>41.0</b>
4	PBW644 (C)	305	43.3	43.1	37.8	40.3	45.0	44.5	<b>42.3</b>
5	NIAW3170 (C)	306	37.4	40.3	36.1	38.9	45.0	42.6	<b>40.1</b>
6	DBW296 (C)	308	38.8	39.7	41.9	45.5	43.7	39.2	<b>41.5</b>
7	PBW927	304	34.3	39.1	39.8	36.2	44.8	46.5	<b>40.1</b>
8	JKW304	307	33.9	37.0	34.2	35.3	37.5	43.6	<b>36.9</b>
9	HD3468	309	34.6	38.0	40.8	37.5	42.3	38.4	<b>38.6</b>
10	WH1326	310	34.4	35.7	38.4	40.2	47.8	36.9	<b>38.9</b>
<b>Mean</b>			<b>35.6</b>	<b>40.3</b>	<b>38.3</b>	<b>38.5</b>	<b>43.9</b>	<b>42.6</b>	<b>39.9</b>

**Table 16: Grain zinc content (ppm) of *T. aestivum* genotypes in North Western Plains Zone (NWPZ) AVTs**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	56.4	24.4	41.9	29.2	34.0	35.3	<b>36.9</b>
2	HD3471M*	108	50.4	30.8	39.1	29.2	35.0	34.1	<b>36.4</b>
3	DBW386*	109	57.6	32.2	41.1	28.7	34.3	35.3	<b>38.2</b>
4	PBW725 (C)	101	51.1	26.3	39.5	35.0	32.3	26.8	<b>35.2</b>
5	DBW88 (C)	103	45.5	25.3	37.8	33.8	32.6	26.6	<b>33.6</b>
6	HD2967 (C)	106	52.6	26.9	38.7	40.6	36.3	37.3	<b>38.7</b>
7	HD3086 (C)	110	52.7	30.8	46.7	40.5	33.9	34.0	<b>39.8</b>
8	DBW187 (C)	111	53.3	27.2	42.9	35.1	34.1	33.5	<b>37.7</b>
9	DBW222 (C)	112	48.9	31.6	40.3	37.1	33.8	31.9	<b>37.3</b>
10	HD3386(I) (C)	115	44.3	25.0	54.2	29.8	34.4	32.6	<b>36.7</b>
11	PBW826 (C)	116	58.7	29.7	41.8	32.7	31.5	32.8	<b>37.9</b>
12	DBW477M	102	47.1	29.5	41.2	37.3	37.8	31.7	<b>37.4</b>
13	PBW957M	105	58.9	28.6	39.0	40.9	34.9	34.6	<b>39.5</b>
14	DBW417	107	59.1	32.3	55.5	47.9	39.2	34.3	<b>44.7</b>
15	PBW916	113	49.4	29.7	48.8	40.3	35.9	26.6	<b>38.5</b>
16	PBW958M	114	55.6	29.3	42.6	34.9	37.3	33.8	<b>38.9</b>
17	DBW476M	117	52.9	29.6	41.5	34.9	36.0	36.7	<b>38.6</b>
18	HD3494M	118	53.5	30.5	43.7	38.8	37.3	39.5	<b>40.6</b>
<b>Mean</b>			<b>52.7</b>	<b>28.9</b>	<b>43.1</b>	<b>35.9</b>	<b>35.0</b>	<b>33.2</b>	<b>38.1</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	26.9	22.7	37.2	46.7	28.4	37.7	<b>33.3</b>
2	HD3059 (C)	205	23.7	27.1	37.7	43.8	31.6	26.0	<b>31.7</b>
3	PBW771 (C)	206	29.3	31.8	38.3	48.7	33.8	33.7	<b>35.9</b>
4	JKW261 (C)	207	24.8	25.6	32.5	44.9	30.3	34.1	<b>32.0</b>
5	DBW173 (C)	212	23.7	30.0	33.9	41.1	32.8	30.4	<b>32.0</b>
6	WH1324	201	20.5	29.3	30.1	38.2	29.1	26.2	<b>28.9</b>
7	NW8071	203	26.1	27.4	37.1	42.9	31.2	30.0	<b>32.5</b>
8	HD3455	204	27.3	20.3	39.4	45.1	35.4	30.7	<b>33.0</b>
9	DBW422	208	25.5	26.2	38.4	54.4	33.1	34.1	<b>35.3</b>
10	PBW921	209	25.8	30.3	34.6	42.7	31.5	31.3	<b>32.7</b>
11	Raj4581	210	26.5	21.6	33.4	48.1	30.5	36.5	<b>32.8</b>
12	HD3495M	211	26.8	30.3	36.7	44.6	31.1	26.2	<b>32.6</b>
<b>Mean</b>			<b>25.6</b>	<b>26.9</b>	<b>35.8</b>	<b>45.1</b>	<b>31.6</b>	<b>31.4</b>	<b>32.7</b>
<b>Restricted Irrigated, timely sown</b>									
1	WH1402(I) (C)	301	27.5	34.4	44.8	41.6	34.7	27.2	<b>35.0</b>
2	HD3369 (C)	302	30.4	38.5	47.5	50.2	44.7	24.8	<b>39.4</b>
3	HI1653 (C)	303	38.9	31.2	42.3	32.4	34.4	28.9	<b>34.7</b>
4	PBW644 (C)	305	31.7	36.0	49.3	43.5	37.5	28.0	<b>37.7</b>
5	NIAW3170 (C)	306	30.7	33.5	47.9	42.7	46.1	33.5	<b>39.1</b>
6	DBW296 (C)	308	23.9	33.5	45.7	48.3	37.3	27.3	<b>36.0</b>
7	PBW927	304	29.0	38.6	48.3	45.1	38.0	34.4	<b>38.9</b>
8	JKW304	307	28.9	32.2	47.0	39.5	34.4	29.1	<b>35.2</b>
9	HD3468	309	25.4	32.4	45.3	41.7	33.7	18.0	<b>32.8</b>
10	WH1326	310	26.5	25.2	40.1	39.0	34.1	25.8	<b>31.8</b>
<b>Mean</b>			<b>29.3</b>	<b>33.6</b>	<b>45.8</b>	<b>42.4</b>	<b>37.5</b>	<b>27.7</b>	<b>36.0</b>

**Table 17: Grain appearance score (Max-10) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	6.2	5.8	6.4	5.6	<b>6.0</b>
2	DBW222 (C)	105	6.8	5.4	6.0	5.4	<b>5.9</b>
3	PBW826 (C)	106	7.6	5.6	6.6	5.6	<b>6.4</b>
4	HD3388(I) (C)	107	6.8	5.2	6.0	5.4	<b>5.9</b>
5	HD3249 (C)	113	7.0	5.8	6.2	5.8	<b>6.2</b>
6	DBW187 (C)	117	7.2	5.6	6.2	5.6	<b>6.2</b>
7	UP3123	101	6.6	4.8	5.4	5.4	<b>5.6</b>
8	HD3447	102	6.4	4.0	5.6	5.2	<b>5.3</b>
9	PBW908	103	6.2	5.8	6.0	5.4	<b>5.9</b>
10	PBW915	104	6.6	5.6	6.4	5.6	<b>6.1</b>
11	Filler	108	6.4	5.8	5.8	5.0	<b>5.8</b>
12	HP1978	109	6.4	5.0	6.0	5.4	<b>5.7</b>
13	KRL2106	110	6.2	4.8	4.2	5.4	<b>5.2</b>
14	PBW913	111	6.8	5.6	6.4	5.4	<b>6.1</b>
15	HD3467	114	6.6	5.8	6.2	5.8	<b>6.1</b>
16	BCW29	115	6.6	6.0	6.4	5.6	<b>6.2</b>
17	UP3124	116	7.0	6.0	6.0	6.2	<b>6.3</b>
<b>Mean</b>			<b>6.7</b>	<b>5.4</b>	<b>6.0</b>	<b>5.5</b>	<b>5.9</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	6.6	5.0	5.4	5.6	<b>5.7</b>
2	DBW107 (C)	205	6.2	5.4	5.4	5.6	<b>5.7</b>
3	PBW833 (C)	206	6.8	5.6	5.6	5.4	<b>5.9</b>
4	HD3118 (C)	207	5.8	5.0	4.6	5.4	<b>5.2</b>
5	HI1621 (C)	208	6.4	5.4	5.2	5.6	<b>5.7</b>
6	WH1323	202	6.4	4.8	5.0	5.6	<b>5.5</b>
7	Raj4581	203	6.6	5.0	5.2	6.4	<b>5.8</b>
8	WH1324	204	6.4	4.8	5.2	5.4	<b>5.5</b>
<b>Mean</b>			<b>6.4</b>	<b>5.1</b>	<b>5.2</b>	<b>5.6</b>	<b>5.6</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	6.0	6.2	6.0	5.6	<b>6.0</b>
2	HI1612 (C)	303	6.6	6.0	5.6	5.4	<b>5.9</b>
3	K1317 (C)	304	6.8	6.4	5.8	5.6	<b>6.2</b>
4	HD3293 (C)	305	5.6	6.6	6.0	6.0	<b>6.1</b>
5	DBW252 (C)	307	5.8	5.6	5.4	5.0	<b>5.5</b>
6	JKW304	302	6.4	6.0	5.8	5.4	<b>5.9</b>
7	HD3460	306	5.8	6.2	5.8	5.8	<b>5.9</b>
<b>Mean</b>			<b>6.1</b>	<b>6.1</b>	<b>5.8</b>	<b>5.5</b>	<b>5.9</b>

**Table 18: Hectolitre weight (Kg/hl) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	82.2	76.5	77.3	73.7	<b>77.4</b>
2	DBW222 (C)	105	79.9	71.6	75.0	69.5	<b>74.0</b>
3	PBW826 (C)	106	82.1	77.6	79.8	72.5	<b>78.0</b>
4	HD3388(I) (C)	107	79.8	71.7	75.8	71.2	<b>74.6</b>
5	HD3249 (C)	113	80.9	75.2	76.9	75.3	<b>77.1</b>
6	DBW187 (C)	117	81.7	73.9	76.0	72.5	<b>76.0</b>
7	UP3123	101	79.1	69.5	74.1	72.7	<b>73.9</b>
8	HD3447	102	80.7	65.1	73.4	70.5	<b>72.4</b>
9	PBW908	103	79.5	76.3	76.6	69.8	<b>75.6</b>
10	PBW915	104	83.5	79.2	79.4	77.5	<b>79.9</b>
11	Filler	108	80.5	70.6	75.8	69.4	<b>74.1</b>
12	HP1978	109	78.9	71.3	73.3	70.2	<b>73.4</b>
13	KRL2106	110	81.8	72.0	66.0	73.3	<b>73.3</b>
14	PBW913	111	81.6	76.9	78.8	74.5	<b>78.0</b>
15	HD3467	114	81.6	76.4	78.1	73.8	<b>77.5</b>
16	BCW29	115	80.4	76.9	75.6	73.3	<b>76.6</b>
17	UP3124	116	81.8	79.8	79.0	78.1	<b>79.7</b>
<b>Mean</b>			<b>80.9</b>	<b>74.1</b>	<b>75.9</b>	<b>72.8</b>	<b>76.0</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	81.2	76.7	74.5	76.6	<b>77.3</b>
2	DBW107 (C)	205	79.9	78.7	71.8	75.6	<b>76.5</b>
3	PBW833 (C)	206	80.9	76.4	75.3	74.6	<b>76.8</b>
4	HD3118 (C)	207	76.4	70.9	65.3	69.3	<b>70.5</b>
5	HI1621 (C)	208	78.3	71.2	69.4	70.5	<b>72.4</b>
6	WH1323	202	79.1	70.5	66.4	73.0	<b>72.3</b>
7	Raj4581	203	80.3	75.5	71.8	76.5	<b>76.0</b>
8	WH1324	204	76.4	70.0	68.0	72.1	<b>71.6</b>
<b>Mean</b>			<b>79.1</b>	<b>73.7</b>	<b>70.3</b>	<b>73.5</b>	<b>74.2</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	79.1	76.6	75.1	74.0	<b>76.2</b>
2	HI1612 (C)	303	81.8	74.8	75.9	72.4	<b>76.2</b>
3	K1317 (C)	304	81.9	79.5	74.2	74.5	<b>77.5</b>
4	HD3293 (C)	305	80.1	78.4	76.4	74.5	<b>77.4</b>
5	DBW252 (C)	307	81.5	75.3	71.3	70.7	<b>74.7</b>
6	JKW304	302	79.0	75.2	74.1	72.2	<b>75.1</b>
7	HD3460	306	80.3	78.6	76.5	78.0	<b>78.4</b>
<b>Mean</b>			<b>80.5</b>	<b>76.9</b>	<b>74.8</b>	<b>73.8</b>	<b>76.5</b>

**Table 19: Protein content (%) at 12% moisture basis of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	9.4	12.4	10.7	11.5	<b>11.0</b>
2	DBW222 (C)	105	9.2	12.8	11.1	12.1	<b>11.3</b>
3	PBW826 (C)	106	9.3	12.0	10.3	12.2	<b>10.9</b>
4	HD3388(I) (C)	107	10.0	13.6	11.3	12.6	<b>11.9</b>
5	HD3249 (C)	113	10.3	13.6	10.7	12.0	<b>11.6</b>
6	DBW187 (C)	117	9.8	13.6	10.9	12.9	<b>11.8</b>
7	UP3123	101	11.4	14.0	11.3	11.7	<b>12.1</b>
8	HD3447	102	10.6	14.1	11.7	12.5	<b>12.2</b>
9	PBW908	103	10.3	13.1	11.1	12.6	<b>11.8</b>
10	PBW915	104	11.7	14.4	12.4	13.2	<b>12.9</b>
11	Filler	108	9.7	13.8	10.1	13.2	<b>11.7</b>
12	HP1978	109	9.2	13.5	10.5	11.7	<b>11.2</b>
13	KRL2106	110	8.9	15.2	13.7	13.2	<b>12.8</b>
14	PBW913	111	10.2	13.3	11.6	11.9	<b>11.7</b>
15	HD3467	114	10.2	14.2	11.7	12.7	<b>12.2</b>
16	BCW29	115	9.8	13.5	11.1	12.2	<b>11.6</b>
17	UP3124	116	12.4	14.0	12.1	13.5	<b>13.0</b>
<b>Mean</b>			<b>10.1</b>	<b>13.6</b>	<b>11.3</b>	<b>12.5</b>	<b>11.9</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	10.9	13.0	11.5	10.9	<b>11.6</b>
2	DBW107 (C)	205	11.6	12.8	12.9	12.5	<b>12.5</b>
3	PBW833 (C)	206	12.3	12.9	13.0	13.1	<b>12.8</b>
4	HD3118 (C)	207	11.5	12.7	12.5	12.6	<b>12.3</b>
5	HI1621 (C)	208	11.4	12.7	12.1	12.3	<b>12.1</b>
6	WH1323	202	11.0	14.0	13.4	12.9	<b>12.8</b>
7	Raj4581	203	11.1	12.8	12.5	11.6	<b>12.0</b>
8	WH1324	204	11.6	14.5	12.9	13.0	<b>13.0</b>
<b>Mean</b>			<b>11.4</b>	<b>13.2</b>	<b>12.6</b>	<b>12.4</b>	<b>12.4</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	13.8	11.4	11.6	12.5	<b>12.3</b>
2	HI1612 (C)	303	10.4	10.9	11.9	11.8	<b>11.2</b>
3	K1317 (C)	304	11.5	11.6	12.0	12.3	<b>11.9</b>
4	HD3293 (C)	305	11.2	10.3	11.2	11.5	<b>11.1</b>
5	DBW252 (C)	307	11.4	10.7	11.9	12.6	<b>11.6</b>
6	JKW304	302	11.7	11.7	11.7	12.5	<b>11.9</b>
7	HD3460	306	10.4	11.0	11.4	11.6	<b>11.1</b>
<b>Mean</b>			<b>11.5</b>	<b>11.1</b>	<b>11.7</b>	<b>12.1</b>	<b>11.6</b>

**Table 20: Sedimentation value (ml) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	45	59	51	55	<b>52</b>
2	DBW222 (C)	105	49	53	50	59	<b>53</b>
3	PBW826 (C)	106	45	50	45	54	<b>48</b>
4	HD3388(I) (C)	107	50	54	52	57	<b>53</b>
5	HD3249 (C)	113	55	64	52	59	<b>57</b>
6	DBW187 (C)	117	49	45	55	61	<b>52</b>
7	UP3123	101	50	54	47	49	<b>50</b>
8	HD3447	102	42	49	45	52	<b>47</b>
9	PBW908	103	47	49	49	57	<b>51</b>
10	PBW915	104	49	46	49	55	<b>50</b>
11	Filler	108	48	55	47	54	<b>51</b>
12	HP1978	109	46	47	49	55	<b>49</b>
13	KRL2106	110	43	39	46	46	<b>44</b>
14	PBW913	111	47	51	52	52	<b>51</b>
15	HD3467	114	52	59	53	58	<b>56</b>
16	BCW29	115	48	53	52	53	<b>51</b>
17	UP3124	116	57	56	56	57	<b>57</b>
<b>Mean</b>			<b>48</b>	<b>52</b>	<b>50</b>	<b>55</b>	<b>51</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	42	44	50	47	<b>46</b>
2	DBW107 (C)	205	44	47	52	49	<b>48</b>
3	PBW833 (C)	206	46	49	54	57	<b>52</b>
4	HD3118 (C)	207	42	46	50	50	<b>47</b>
5	HI1621 (C)	208	49	50	52	58	<b>52</b>
6	WH1323	202	55	61	68	60	<b>61</b>
7	Raj4581	203	44	52	63	52	<b>53</b>
8	WH1324	204	45	57	67	63	<b>58</b>
<b>Mean</b>			<b>46</b>	<b>51</b>	<b>57</b>	<b>54</b>	<b>52</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	52	53	56	57	<b>54</b>
2	HI1612 (C)	303	49	56	49	59	<b>53</b>
3	K1317 (C)	304	44	46	57	49	<b>49</b>
4	HD3293 (C)	305	40	40	45	43	<b>42</b>
5	DBW252 (C)	307	45	48	57	52	<b>50</b>
6	JKW304	302	51	46	53	54	<b>51</b>
7	HD3460	306	43	47	52	46	<b>47</b>
<b>Mean</b>			<b>46</b>	<b>48</b>	<b>53</b>	<b>52</b>	<b>50</b>

**Table 21: Phenol test (Max-10) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	5.5	5.5	5.5	6.5	<b>5.8</b>
2	DBW222 (C)	105	9.0	9.0	9.0	8.5	<b>8.9</b>
3	PBW826 (C)	106	9.5	8.5	9.0	6.5	<b>8.4</b>
4	HD3388(I) (C)	107	8.5	9.0	8.5	8.0	<b>8.5</b>
5	HD3249 (C)	113	9.0	8.5	9.5	8.5	<b>8.9</b>
6	DBW187 (C)	117	8.0	7.0	9.0	8.5	<b>8.1</b>
7	UP3123	101	6.0	6.0	6.0	7.0	<b>6.3</b>
8	HD3447	102	8.5	9.0	8.5	8.0	<b>8.5</b>
9	PBW908	103	6.0	7.0	6.5	6.5	<b>6.5</b>
10	PBW915	104	8.5	7.5	7.0	7.5	<b>7.6</b>
11	Filler	108	9.0	9.5	9.0	8.5	<b>9.0</b>
12	HP1978	109	8.5	7.5	9.0	8.0	<b>8.3</b>
13	KRL2106	110	8.5	7.0	8.5	7.5	<b>7.9</b>
14	PBW913	111	8.5	7.5	9.5	7.5	<b>8.3</b>
15	HD3467	114	8.5	7.5	7.5	8.0	<b>7.9</b>
16	BCW29	115	8.0	7.5	7.0	8.0	<b>7.6</b>
17	UP3124	116	5.5	6.0	6.5	6.5	<b>6.1</b>
<b>Mean</b>			<b>7.9</b>	<b>7.6</b>	<b>8.0</b>	<b>7.6</b>	<b>7.8</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	5.5	5.5	5.5	6.0	<b>5.6</b>
2	DBW107 (C)	205	8.0	7.5	8.0	8.0	<b>7.9</b>
3	PBW833 (C)	206	8.5	7.5	9.0	8.0	<b>8.3</b>
4	HD3118 (C)	207	8.0	7.0	8.0	7.5	<b>7.6</b>
5	HI1621 (C)	208	7.5	7.5	8.5	8.0	<b>7.9</b>
6	WH1323	202	8.5	8.0	9.5	8.5	<b>8.6</b>
7	Raj4581	203	8.5	7.5	9.0	8.0	<b>8.3</b>
8	WH1324	204	8.5	8.0	9.5	8.5	<b>8.6</b>
<b>Mean</b>			<b>7.9</b>	<b>7.3</b>	<b>8.4</b>	<b>7.8</b>	<b>7.8</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	8.0	8.0	7.5	7.5	<b>7.8</b>
2	HI1612 (C)	303	5.0	8.0	8.5	8.5	<b>7.5</b>
3	K1317 (C)	304	8.0	5.5	5.0	6.0	<b>6.1</b>
4	HD3293 (C)	305	8.0	7.5	8.5	7.5	<b>7.9</b>
5	DBW252 (C)	307	9.0	8.0	9.0	8.0	<b>8.5</b>
6	JKW304	302	7.0	7.5	8.0	8.5	<b>7.8</b>
7	HD3460	306	8.5	7.5	8.5	7.5	<b>8.0</b>
<b>Mean</b>			<b>7.6</b>	<b>7.4</b>	<b>7.9</b>	<b>7.6</b>	<b>7.6</b>



**Table 22: Hardness index of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	75.9				<b>75.9</b>
2	DBW222 (C)	105	75.5				<b>75.5</b>
3	PBW826 (C)	106	78.2				<b>78.2</b>
4	HD3388(I) (C)	107	78.0				<b>78.0</b>
5	HD3249 (C)	113	75.3				<b>75.3</b>
6	DBW187 (C)	117	77.3				<b>77.3</b>
7	UP3123	101	74.9				<b>74.9</b>
8	HD3447	102	75.3				<b>75.3</b>
9	PBW908	103	83.8				<b>83.8</b>
10	PBW915	104	81.0				<b>81.0</b>
11	Filler	108	66.3				<b>66.3</b>
12	HP1978	109	70.8				<b>70.8</b>
13	KRL2106	110	74.5				<b>74.5</b>
14	PBW913	111	77.3				<b>77.3</b>
15	HD3467	114	79.2				<b>79.2</b>
16	BCW29	115	76.8				<b>76.8</b>
17	UP3124	116	77.8				<b>77.8</b>
<b>Mean</b>			<b>76.3</b>				<b>76.3</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	79.2				<b>79.2</b>
2	DBW107 (C)	205	82.6				<b>82.6</b>
3	PBW833 (C)	206	87.4				<b>87.4</b>
4	HD3118 (C)	207	73.6				<b>73.6</b>
5	HI1621 (C)	208	68.3				<b>68.3</b>
6	WH1323	202	75.0				<b>75.0</b>
7	Raj4581	203	77.3				<b>77.3</b>
8	WH1324	204	80.6				<b>80.6</b>
<b>Mean</b>			<b>78.0</b>				<b>78.0</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	80.0				<b>80.0</b>
2	HI1612 (C)	303	83.4				<b>83.4</b>
3	K1317 (C)	304	82.4				<b>82.4</b>
4	HD3293 (C)	305	78.7				<b>78.7</b>
5	DBW252 (C)	307	70.2				<b>70.2</b>
6	JKW304	302	78.6				<b>78.6</b>
7	HD3460	306	69.8				<b>69.8</b>
<b>Mean</b>			<b>77.6</b>				<b>77.6</b>

**Table 23: Grain iron content (ppm) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	33.7	34.5	46.7	31.1	<b>36.5</b>
2	DBW222 (C)	105	32.3	30.5	49.3	31.7	<b>36.0</b>
3	PBW826 (C)	106	34.1	40.5	36.0	33.2	<b>36.0</b>
4	HD3388(I) (C)	107	35.1	34.1	39.3	36.4	<b>36.2</b>
5	HD3249 (C)	113	40.2	35.6	43.4	36.1	<b>38.8</b>
6	DBW187 (C)	117	34.0	37.8	49.6	33.1	<b>38.6</b>
7	UP3123	101	35.6	37.8	34.9	33.9	<b>35.6</b>
8	HD3447	102	37.3	43.2	39.6	35.1	<b>38.8</b>
9	PBW908	103	32.4	33.9	38.3	33.6	<b>34.6</b>
10	PBW915	104	40.7	39.7	40.2	36.1	<b>39.2</b>
11	Filler	108	32.8	38.9	46.4	36.2	<b>38.6</b>
12	HP1978	109	35.5	31.8	46.6	31.2	<b>36.3</b>
13	KRL2106	110	33.6	34.4	48.3	35.1	<b>37.9</b>
14	PBW913	111	36.1	30.3	38.3	31.6	<b>34.1</b>
15	HD3467	114	33.2	33.6	36.3	36.2	<b>34.8</b>
16	BCW29	115	35.8	39.7	45.6	37.0	<b>39.5</b>
17	UP3124	116	39.0	39.4	43.1	35.3	<b>39.2</b>
<b>Mean</b>			<b>35.4</b>	<b>36.2</b>	<b>42.5</b>	<b>34.3</b>	<b>37.1</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	48.9	33.3	56.2	80.1	<b>41.1</b>
2	DBW107 (C)	205	38.4	34.3	54.2	47.9	<b>36.4</b>
3	PBW833 (C)	206	40.0	30.8	43.6	40.3	<b>35.4</b>
4	HD3118 (C)	207	38.0	29.7	67.2	69.8	<b>33.9</b>
5	HI1621 (C)	208	38.4	30.1	38.8	71.8	<b>34.3</b>
6	WH1323	202	38.1	32.6	55.6	48.7	<b>35.4</b>
7	Raj4581	203	35.6	29.7	42.7	34.8	<b>32.7</b>
8	WH1324	204	44.6	30.8	90.7	40.9	<b>37.7</b>
<b>Mean</b>			<b>40.3</b>	<b>31.4</b>	<b>56.1*</b>	<b>54.3*</b>	<b>35.8</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	41.4	42.3	40.6	52.1	<b>44.1</b>
2	HI1612 (C)	303	34.5	32.0	37.6	51.3	<b>38.9</b>
3	K1317 (C)	304	33.5	32.3	34.4	45.6	<b>36.5</b>
4	HD3293 (C)	305	35.9	31.5	33.1	47.2	<b>36.9</b>
5	DBW252 (C)	307	37.1	30.4	35.8	49.3	<b>38.2</b>
6	JKW304	302	33.4	36.2	39.2	51.2	<b>40.0</b>
7	HD3460	306	34.8	36.1	35.2	49.7	<b>39.0</b>
<b>Mean</b>			<b>35.8</b>	<b>34.4</b>	<b>36.6</b>	<b>49.5</b>	<b>39.1</b>

**\*Fe content exceptionally high at Sabour and Pusa centres under ILS condition and hence not been included in calculating average**

**Table 24: Grain zinc content (ppm) of *T. aestivum* genotypes in North Eastern Plains Zone (NEPZ) AVTs**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	26.6	32.7	32.4	23.6	<b>28.8</b>
2	DBW222 (C)	105	25.3	30.4	28.6	22.3	<b>26.7</b>
3	PBW826 (C)	106	26.1	36.9	26.3	22.7	<b>28.0</b>
4	HD3388(I) (C)	107	28.9	35.2	28.1	27.2	<b>29.9</b>
5	HD3249 (C)	113	26.2	33.6	29.8	25.8	<b>28.9</b>
6	DBW187 (C)	117	22.8	33.7	23.8	21.6	<b>25.5</b>
7	UP3123	101	30.8	41.1	32.7	24.4	<b>32.3</b>
8	HD3447	102	28.4	37.3	32.7	26.1	<b>31.1</b>
9	PBW908	103	28.2	35.9	29.3	26.6	<b>30.0</b>
10	PBW915	104	38.7	39.0	35.3	30.7	<b>35.9</b>
11	Filler	108	26.1	32.9	28.9	28.5	<b>29.1</b>
12	HP1978	109	23.6	30.6	27.0	22.0	<b>25.8</b>
13	KRL2106	110	28.8	39.5	38.7	27.4	<b>33.6</b>
14	PBW913	111	29.6	30.4	28.0	21.3	<b>27.3</b>
15	HD3467	114	29.8	35.2	34.4	25.4	<b>31.2</b>
16	BCW29	115	25.8	37.0	29.1	28.9	<b>30.2</b>
17	UP3124	116	28.9	41.2	30.7	21.5	<b>30.6</b>
<b>Mean</b>			<b>27.9</b>	<b>35.4</b>	<b>30.3</b>	<b>25.1</b>	<b>29.7</b>
<b>Irrigated, late sown</b>							
1	HI1563 (C)	201	32.4	33.9	23.1	36.1	<b>31.4</b>
2	DBW107 (C)	205	26.7	37.5	29.4	36.3	<b>32.5</b>
3	PBW833 (C)	206	32.8	34.6	28.8	36.2	<b>33.1</b>
4	HD3118 (C)	207	28.5	32.6	30.0	29.2	<b>30.1</b>
5	HI1621 (C)	208	26.5	34.3	26.9	29.6	<b>29.3</b>
6	WH1323	202	28.2	36.0	27.2	29.9	<b>30.3</b>
7	Raj4581	203	31.0	36.3	26.7	31.4	<b>31.4</b>
8	WH1324	204	23.5	32.9	28.6	30.3	<b>28.8</b>
<b>Mean</b>			<b>28.7</b>	<b>34.8</b>	<b>27.6</b>	<b>32.4</b>	<b>30.9</b>
<b>Restricted Irrigated, timely sown</b>							
1	HD3171 (C)	301	29.6	38.7	23.7	24.6	<b>29.2</b>
2	HI1612 (C)	303	27.3	33.3	23.9	29.5	<b>28.5</b>
3	K1317 (C)	304	29.1	32.2	23.1	23.7	<b>27.0</b>
4	HD3293 (C)	305	34.8	33.4	25.6	32.3	<b>31.5</b>
5	DBW252 (C)	307	29.4	27.8	20.3	22.7	<b>25.1</b>
6	JKW304	302	28.5	36.9	21.8	31.3	<b>29.6</b>
7	HD3460	306	31.9	34.8	24.7	27.1	<b>29.6</b>
<b>Mean</b>			<b>30.1</b>	<b>33.9</b>	<b>23.3</b>	<b>27.3</b>	<b>28.6</b>

**Table 25: Grain appearance score (Max-10) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	6.8	6.2	6.4	6.2	<b>6.4</b>
2	GW547(I) (C)	101	7.8	6.8	7.6	6.4	<b>7.2</b>
3	HI1650 (C)	115	6.4	7.0	6.8	6.6	<b>6.7</b>
4	MACS6768 (C)	116	6.6	6.8	6.2	6.6	<b>6.6</b>
5	GW322 (C)	118	6.4	6.4	6.2	6.4	<b>6.4</b>
6	GW554	104	6.0	7.2	6.8	6.6	<b>6.7</b>
7	MACS6837	106	7.0	7.0	6.6	6.6	<b>6.8</b>
8	HI1684	107	7.0	6.8	7.0	6.2	<b>6.8</b>
9	GW555	111	6.4	6.6	6.6	6.4	<b>6.5</b>
10	MP3570	113	7.0	6.8	6.8	6.6	<b>6.8</b>
11	HI1683	114	6.6	7.0	7.0	6.4	<b>6.8</b>
<b>Mean</b>			<b>6.7</b>	<b>6.8</b>	<b>6.7</b>	<b>6.5</b>	<b>6.7</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	8.4	7.4	8.0	6.8	<b>7.7</b>
2	HI8713(d) (C)	117	7.4	6.8	6.6	6.4	<b>6.8</b>
3	MACS4125(d)	103	8.6	7.4	8.6	7.2	<b>8.0</b>
4	MACS4135(d)	105	8.2	7.2	8.4	6.8	<b>7.7</b>
5	HI8850(d)	108	8.0	7.0	8.2	5.8	<b>7.3</b>
6	HI8849(d)	109	7.0	7.6	8.2	6.6	<b>7.4</b>
7	HI8848(d)	110	8.0	7.2	8.4	6.8	<b>7.6</b>
8	MPO1395(d)	119	8.2	7.8	8.4	6.8	<b>7.8</b>
<b>Mean</b>			<b>8.0</b>	<b>7.3</b>	<b>8.1</b>	<b>6.7</b>	<b>7.5</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	7.2	6.8	6.6	5.6	<b>6.6</b>
2	HI1634 (C)	203	6.4	6.8	6.8	6.0	<b>6.5</b>
3	MP4010 (C)	204	6.2	6.6	6.8	5.6	<b>6.3</b>
4	HD2932 (C)	207	7.0	7.0	6.4	6.2	<b>6.7</b>
5	CG1029 (C)	208	6.8	6.8	6.8	6.2	<b>6.7</b>
6	WSM138	201	7.4	7.0	6.2	5.8	<b>6.6</b>
7	HI1687	202	7.6	6.6	6.8	5.8	<b>6.7</b>
8	MACS6830	205	6.8	6.6	6.8	6.4	<b>6.7</b>
9	DBW425	209	6.8	6.8	6.6	6.2	<b>6.6</b>
10	GW556	210	7.2	7.0	6.8	5.6	<b>6.7</b>
<b>Mean</b>			<b>6.9</b>	<b>6.8</b>	<b>6.7</b>	<b>5.9</b>	<b>6.6</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	6.6	6.6	6.0	6.6	<b>6.5</b>
2	CG1040(I) (C)	301	6.8	7.0	6.2	6.4	<b>6.6</b>
3	DBW110 (C)	302	6.4	6.4	6.4	6.4	<b>6.4</b>
4	CG1036 (C)	304	7.8	6.0	6.6	6.4	<b>6.7</b>
5	HI1655 (C)	306	6.4	7.0	6.8	6.0	<b>6.6</b>
6	DBW359(I) (C)	317	6.8	7.4	6.8	6.8	<b>7.0</b>
7	NIAW4267	303	6.8	6.6	6.4	6.2	<b>6.5</b>
8	UAS3029	307	6.8	6.8	6.8	6.6	<b>6.8</b>
9	DBW432	309	6.8	6.8	6.2	6.8	<b>6.7</b>
10	DBW428	314	7.0	6.8	7.2	6.6	<b>6.9</b>
<b>Mean</b>			<b>6.8</b>	<b>6.7</b>	<b>6.5</b>	<b>6.5</b>	<b>6.6</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	6.8	6.6	6.8	6.4	<b>6.7</b>
2	HI8823(d) (C)	316	6.8	6.8	7.2	6.4	<b>6.8</b>
3	HI8852(d)	305	8.4	7.6	6.8	6.6	<b>7.4</b>
4	MACS4131(d)	310	8.4	8.2	6.8	6.8	<b>7.6</b>
5	HI8851(d)	311	7.4	8.4	7.6	6.6	<b>7.5</b>
6	UAS484(d)	313	6.8	6.4	5.6	5.8	<b>6.2</b>
7	MPO1398(d)	315	7.0	6.4	6.6	6.6	<b>6.7</b>
<b>Mean</b>			<b>7.4</b>	<b>7.2</b>	<b>6.8</b>	<b>6.5</b>	<b>7.0</b>

**Table 26: Hectolitre weight (Kg/hl) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	83.3	82.7	84.7	81.5	<b>83.1</b>
2	GW547(I) (C)	101	80.2	79.4	81.2	80.7	<b>80.4</b>
3	HI1650 (C)	115	83.7	83.5	83.7	82.1	<b>83.3</b>
4	MACS6768 (C)	116	83.0	81.8	84.0	81.6	<b>82.6</b>
5	GW322 (C)	118	80.0	80.2	81.2	79.2	<b>80.2</b>
6	GW554	104	83.3	83.5	85.6	82.9	<b>83.8</b>
7	MACS6837	106	80.9	80.5	80.4	79.3	<b>80.3</b>
8	HI1684	107	83.4	82.6	84.3	81.2	<b>82.9</b>
9	GW555	111	84.7	83.4	84.6	82.6	<b>83.8</b>
10	MP3570	113	82.1	81.8	81.9	82.6	<b>82.1</b>
11	HI1683	114	82.8	82.3	82.6	81.2	<b>82.2</b>
<b>Mean</b>			<b>82.5</b>	<b>82.0</b>	<b>83.1</b>	<b>81.4</b>	<b>82.2</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	85.1	83.5	84.8	82.8	<b>84.1</b>
2	HI8713(d) (C)	117	83.7	81.8	84.5	79.8	<b>82.5</b>
3	MACS4125(d)	103	84.7	81.9	84.2	81.6	<b>83.1</b>
4	MACS4135(d)	105	84.4	83.8	84.8	81.9	<b>83.7</b>
5	HI8850(d)	108	83.9	82.4	84.3	79.9	<b>82.6</b>
6	HI8849(d)	109	84.5	82.7	84.1	80.5	<b>83.0</b>
7	HI8848(d)	110	83.9	81.9	83.6	80.1	<b>82.4</b>
8	MPO1395(d)	119	82.8	80.1	82.8	81.4	<b>81.8</b>
<b>Mean</b>			<b>84.1</b>	<b>82.3</b>	<b>84.1</b>	<b>81.0</b>	<b>82.9</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	83.3	80.8	82.6	77.2	<b>81.0</b>
2	HI1634 (C)	203	82.6	81.1	84.8	78.7	<b>81.8</b>
3	MP4010 (C)	204	81.3	80.3	84.6	78.1	<b>81.1</b>
4	HD2932 (C)	207	80.8	80.3	82.7	76.8	<b>80.2</b>
5	CG1029 (C)	208	82.1	81.1	84.4	79.0	<b>81.7</b>
6	WSM138	201	82.9	81.9	84.7	78.8	<b>82.1</b>
7	HI1687	202	81.7	80.3	82.8	77.3	<b>80.5</b>
8	MACS6830	205	78.1	79.4	84.6	75.5	<b>79.4</b>
9	DBW425	209	79.0	79.5	83.5	79.1	<b>80.3</b>
10	GW556	210	82.6	81.1	84.6	77.4	<b>81.4</b>
<b>Mean</b>			<b>81.4</b>	<b>80.6</b>	<b>83.9</b>	<b>77.8</b>	<b>80.9</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	79.5	81.9	81.1	81.1	<b>80.9</b>
2	CG1040(I) (C)	301	77.8	81.5	81.3	81.3	<b>80.5</b>
3	DBW110 (C)	302	78.1	81.1	80.1	81.3	<b>80.2</b>
4	CG1036 (C)	304	83.2	83.6	83.5	83.8	<b>83.5</b>
5	HI1655 (C)	306	76.9	81.1	81.8	80.7	<b>80.1</b>
6	DBW359(I) (C)	317	80.8	82.7	82.9	82.6	<b>82.3</b>
7	NIAW4267	303	79.9	82.0	81.6	79.7	<b>80.8</b>
8	UAS3029	307	79.6	82.1	81.8	82.4	<b>81.5</b>
9	DBW432	309	79.5	81.1	81.5	81.6	<b>80.9</b>
10	DBW428	314	78.9	82.3	82.3	82.6	<b>81.5</b>
<b>Mean</b>			<b>79.4</b>	<b>81.9</b>	<b>81.8</b>	<b>81.7</b>	<b>81.2</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	80.3	80.6	83.5	82.5	<b>81.7</b>
2	HI8823(d) (C)	316	83.6	83.8	85.9	84.3	<b>84.4</b>
3	HI8852(d)	305	82.9	83.8	83.7	84.1	<b>83.6</b>
4	MACS4131(d)	310	83.1	83.0	84.4	83.9	<b>83.6</b>
5	HI8851(d)	311	82.6	84.7	84.6	84.8	<b>84.2</b>
6	UAS484(d)	313	81.7	83.0	82.9	81.6	<b>82.3</b>
7	MPO1398(d)	315	80.9	82.5	82.8	83.1	<b>82.3</b>
<b>Mean</b>			<b>82.2</b>	<b>83.1</b>	<b>84.0</b>	<b>83.5</b>	<b>83.2</b>

**Table 27: Protein content (%) at 12% moisture basis of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	10.6	12.5	11.2	12.1	<b>11.6</b>
2	GW547(I) (C)	101	12.0	13.5	12.7	13.1	<b>12.8</b>
3	HI1650 (C)	115	10.8	12.7	11.5	11.7	<b>11.7</b>
4	MACS6768 (C)	116	11.0	14.6	12.4	12.8	<b>12.7</b>
5	GW322 (C)	118	10.0	11.0	10.3	10.7	<b>10.5</b>
6	GW554	104	10.4	13.1	11.2	11.4	<b>11.5</b>
7	MACS6837	106	10.1	12.5	11.0	12.1	<b>11.5</b>
8	HI1684	107	10.9	12.4	11.3	12.2	<b>11.7</b>
9	GW555	111	10.1	13.3	11.5	12.2	<b>11.8</b>
10	MP3570	113	10.0	11.7	10.6	10.1	<b>10.6</b>
11	HI1683	114	10.8	12.5	11.4	12.4	<b>11.8</b>
<b>Mean</b>			<b>10.6</b>	<b>12.7</b>	<b>11.4</b>	<b>11.9</b>	<b>11.7</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	11.0	11.8	11.4	11.9	<b>11.5</b>
2	HI8713(d) (C)	117	10.0	12.0	11.0	11.6	<b>11.2</b>
3	MACS4125(d)	103	11.2	11.4	11.8	12.6	<b>11.7</b>
4	MACS4135(d)	105	10.4	11.5	11.6	11.9	<b>11.4</b>
5	HI8850(d)	108	10.2	12.5	11.0	12.0	<b>11.4</b>
6	HI8849(d)	109	10.3	12.0	11.5	11.6	<b>11.4</b>
7	HI8848(d)	110	11.8	12.6	12.2	12.0	<b>12.2</b>
8	MPO1395(d)	119	10.8	12.8	11.8	12.6	<b>12.0</b>
<b>Mean</b>			<b>10.7</b>	<b>12.1</b>	<b>11.5</b>	<b>12.0</b>	<b>11.6</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	10.4	14.0	10.2	11.5	<b>11.5</b>
2	HI1634 (C)	203	12.2	15.1	12.0	13.0	<b>13.1</b>
3	MP4010 (C)	204	12.0	14.4	11.7	12.6	<b>12.7</b>
4	HD2932 (C)	207	10.9	14.9	10.9	12.5	<b>12.3</b>
5	CG1029 (C)	208	11.4	14.2	10.9	12.2	<b>12.2</b>
6	WSM138	201	10.6	14.3	10.3	12.3	<b>11.9</b>
7	HI1687	202	11.1	14.1	11.1	11.2	<b>11.9</b>
8	MACS6830	205	12.6	14.7	10.3	12.8	<b>12.6</b>
9	DBW425	209	10.6	14.3	11.1	12.2	<b>12.0</b>
10	GW556	210	10.7	13.3	10.5	11.8	<b>11.6</b>
<b>Mean</b>			<b>11.2</b>	<b>14.3</b>	<b>10.9</b>	<b>12.2</b>	<b>12.2</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	12.8	13.3	10.4	11.3	<b>11.9</b>
2	CG1040(I) (C)	301	11.7	13.0	10.2	10.6	<b>11.4</b>
3	DBW110 (C)	302	11.5	12.8	11.1	11.2	<b>11.7</b>
4	CG1036 (C)	304	12.3	13.5	11.0	11.5	<b>12.1</b>
5	HI1655 (C)	306	11.9	12.9	9.0	10.9	<b>11.2</b>
6	DBW359(I) (C)	317	10.6	13.9	10.1	11.0	<b>11.4</b>
7	NIAW4267	303	12.0	13.9	10.3	11.6	<b>11.9</b>
8	UAS3029	307	12.9	13.7	11.1	11.1	<b>12.2</b>
9	DBW432	309	11.9	13.7	9.9	12.0	<b>11.9</b>
10	DBW428	314	13.5	13.7	10.7	12.1	<b>12.5</b>
<b>Mean</b>			<b>12.1</b>	<b>13.4</b>	<b>10.4</b>	<b>11.3</b>	<b>11.8</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	13.2	14.4	10.2	10.9	<b>12.2</b>
2	HI8823(d) (C)	316	12.5	13.6	10.2	10.6	<b>11.7</b>
3	HI8852(d)	305	12.9	13.0	10.0	11.1	<b>11.8</b>
4	MACS4131(d)	310	12.8	13.5	10.3	11.0	<b>11.9</b>
5	HI8851(d)	311	12.5	13.2	10.8	11.2	<b>11.9</b>
6	UAS484(d)	313	12.8	12.3	9.2	11.4	<b>11.4</b>
7	MPO1398(d)	315	11.8	13.5	10.7	10.7	<b>11.7</b>
<b>Mean</b>			<b>12.6</b>	<b>13.4</b>	<b>10.2</b>	<b>11.0</b>	<b>11.8</b>

**Table 28: Sedimentation value (ml) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	47	46	47	46	<b>46</b>
2	GW547(I) (C)	101	53	55	52	51	<b>53</b>
3	HI1650 (C)	115	42	44	41	40	<b>42</b>
4	MACS6768 (C)	116	40	42	41	40	<b>41</b>
5	GW322 (C)	118	40	41	39	36	<b>39</b>
6	GW554	104	44	45	43	44	<b>44</b>
7	MACS6837	106	56	54	52	53	<b>54</b>
8	HI1684	107	47	39	45	46	<b>44</b>
9	GW555	111	44	47	47	46	<b>46</b>
10	MP3570	113	48	49	47	43	<b>47</b>
11	HI1683	114	44	43	46	43	<b>44</b>
<b>Mean</b>			<b>46</b>	<b>46</b>	<b>45</b>	<b>44</b>	<b>45</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	38	37	39	35	<b>37</b>
2	HI8713(d) (C)	117	29	29	30	43	<b>33</b>
3	MACS4125(d)	103	34	34	36	38	<b>35</b>
4	MACS4135(d)	105	41	39	37	44	<b>40</b>
5	HI8850(d)	108	38	42	39	38	<b>39</b>
6	HI8849(d)	109	36	29	29	32	<b>31</b>
7	HI8848(d)	110	38	34	41	39	<b>38</b>
8	MPO1395(d)	119	42	37	43	38	<b>40</b>
<b>Mean</b>			<b>37</b>	<b>35</b>	<b>37</b>	<b>38</b>	<b>37</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	42	42	46	41	<b>43</b>
2	HI1634 (C)	203	48	46	44	43	<b>45</b>
3	MP4010 (C)	204	47	45	41	42	<b>44</b>
4	HD2932 (C)	207	54	52	47	47	<b>50</b>
5	CG1029 (C)	208	39	38	36	40	<b>38</b>
6	WSM138	201	38	38	36	36	<b>37</b>
7	HI1687	202	50	47	47	43	<b>47</b>
8	MACS6830	205	51	43	38	43	<b>44</b>
9	DBW425	209	54	65	52	54	<b>56</b>
10	GW556	210	49	46	41	46	<b>46</b>
<b>Mean</b>			<b>47</b>	<b>46</b>	<b>43</b>	<b>43</b>	<b>45</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	54	56	51	53	<b>53</b>
2	CG1040(I) (C)	301	56	59	49	54	<b>55</b>
3	DBW110 (C)	302	56	56	53	56	<b>55</b>
4	CG1036 (C)	304	47	43	43	43	<b>44</b>
5	HI1655 (C)	306	41	49	39	41	<b>42</b>
6	DBW359(I) (C)	317	53	58	52	54	<b>54</b>
7	NIAW4267	303	34	43	36	34	<b>37</b>
8	UAS3029	307	51	53	49	45	<b>50</b>
9	DBW432	309	49	50	44	44	<b>47</b>
10	DBW428	314	55	59	58	54	<b>57</b>
<b>Mean</b>			<b>50</b>	<b>53</b>	<b>47</b>	<b>48</b>	<b>49</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	32	54	29	30	<b>36</b>
2	HI8823(d) (C)	316	39	39	35	34	<b>37</b>
3	HI8852(d)	305	34	39	38	35	<b>36</b>
4	MACS4131(d)	310	33	35	36	34	<b>35</b>
5	HI8851(d)	311	32	34	36	33	<b>34</b>
6	UAS484(d)	313	37	42	39	38	<b>39</b>
7	MPO1398(d)	315	42	43	45	41	<b>43</b>
<b>Mean</b>			<b>36</b>	<b>41</b>	<b>37</b>	<b>35</b>	<b>37</b>

**Table 29: Phenol test (Max-10) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	3.5	3.0	3.0	5.5	<b>3.8</b>
2	GW547(I) (C)	101	7.5	7.5	8.0	7.5	<b>7.6</b>
3	HI1650 (C)	115	7.5	7.0	7.5	8.0	<b>7.5</b>
4	MACS6768 (C)	116	8.0	7.5	7.5	7.5	<b>7.6</b>
5	GW322 (C)	118	7.5	6.5	6.0	7.0	<b>6.8</b>
6	GW554	104	6.0	6.0	5.5	7.0	<b>6.1</b>
7	MACS6837	106	7.5	7.0	7.5	8.0	<b>7.5</b>
8	HI1684	107	4.0	3.0	3.5	6.0	<b>4.1</b>
9	GW555	111	3.0	3.5	3.0	5.5	<b>3.8</b>
10	MP3570	113	5.0	7.0	6.5	7.0	<b>6.4</b>
11	HI1683	114	6.5	6.5	6.5	8.0	<b>6.9</b>
<b>Mean</b>			<b>6.0</b>	<b>5.9</b>	<b>5.9</b>	<b>7.0</b>	<b>6.2</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	0.0	0.0	0.0	0.0	<b>0.0</b>
2	HI8713(d) (C)	117	0.0	0.0	0.0	0.0	<b>0.0</b>
3	MACS4125(d)	103	0.0	0.0	0.0	0.0	<b>0.0</b>
4	MACS4135(d)	105	0.0	0.0	0.0	0.0	<b>0.0</b>
5	HI8850(d)	108	0.0	0.0	0.0	0.0	<b>0.0</b>
6	HI8849(d)	109	0.0	0.0	0.0	0.0	<b>0.0</b>
7	HI8848(d)	110	0.0	0.0	0.0	0.0	<b>0.0</b>
8	MPO1395(d)	119	0.0	0.0	0.0	0.0	<b>0.0</b>
<b>Mean</b>			<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	3.0	3.5	3.0	3.0	<b>3.1</b>
2	HI1634 (C)	203	6.5	6.5	6.5	7.0	<b>6.6</b>
3	MP4010 (C)	204	7.0	6.0	6.0	6.5	<b>6.4</b>
4	HD2932 (C)	207	6.0	3.0	3.0	3.5	<b>3.9</b>
5	CG1029 (C)	208	7.5	7.5	7.5	8.0	<b>7.6</b>
6	WSM138	201	6.5	7.0	6.5	8.0	<b>7.0</b>
7	HI1687	202	6.0	6.0	5.5	6.0	<b>5.9</b>
8	MACS6830	205	5.0	3.5	3.0	3.5	<b>3.8</b>
9	DBW425	209	5.5	2.5	2.0	4.5	<b>3.6</b>
10	GW556	210	4.5	3.0	2.5	5.0	<b>3.8</b>
<b>Mean</b>			<b>5.8</b>	<b>4.9</b>	<b>4.6</b>	<b>5.5</b>	<b>5.2</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	8.5	8.0	7.0	8.0	<b>7.9</b>
2	CG1040(I) (C)	301	8.0	8.0	7.5	7.5	<b>7.8</b>
3	DBW110 (C)	302	7.5	9.0	7.5	7.5	<b>7.9</b>
4	CG1036 (C)	304	5.0	4.0	3.5	4.5	<b>4.3</b>
5	HI1655 (C)	306	9.0	8.5	8.0	7.5	<b>8.3</b>
6	DBW359(I) (C)	317	5.5	4.0	5.0	5.5	<b>5.0</b>
7	NIAW4267	303	8.5	7.5	7.5	8.0	<b>7.9</b>
8	UAS3029	307	9.5	7.5	7.0	7.5	<b>7.9</b>
9	DBW432	309	7.0	7.0	6.0	7.5	<b>6.9</b>
10	DBW428	314	7.5	7.0	7.5	8.0	<b>7.5</b>
<b>Mean</b>			<b>7.6</b>	<b>7.1</b>	<b>6.7</b>	<b>7.2</b>	<b>7.1</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	0.0	0.0	0.0	0.0	<b>0.0</b>
2	HI8823(d) (C)	316	0.0	0.0	0.0	0.0	<b>0.0</b>
3	HI8852(d)	305	0.0	0.0	0.0	0.0	<b>0.0</b>
4	MACS4131(d)	310	0.0	0.0	0.0	0.0	<b>0.0</b>
5	HI8851(d)	311	0.0	0.0	0.0	0.0	<b>0.0</b>
6	UAS484(d)	313	0.0	0.0	0.0	0.0	<b>0.0</b>
7	MPO1398(d)	315	0.0	0.0	0.0	0.0	<b>0.0</b>
<b>Mean</b>			<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>



**Table 30: Yellow pigment (ppm) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112					
2	GW547(I) (C)	101					
3	HI1650 (C)	115					
4	MACS6768 (C)	116					
5	GW322 (C)	118					
6	GW554	104					
7	MACS6837	106					
8	HI1684	107					
9	GW555	111					
10	MP3570	113					
11	HI1683	114					
<b>Mean</b>							
<i>T. durum</i>							
1	HI8737(d) (C)	102	5.4	4.9	4.6	4.5	<b>4.8</b>
2	HI8713(d) (C)	117	6.9	8.1	6.3	5.0	<b>6.6</b>
3	MACS4125(d)	103	5.8	6.8	6.0	6.2	<b>6.2</b>
4	MACS4135(d)	105	6.6	6.6	6.5	5.7	<b>6.4</b>
5	HI8850(d)	108	5.7	5.5	5.0	6.1	<b>5.6</b>
6	HI8849(d)	109	6.6	6.7	6.7	6.1	<b>6.5</b>
7	HI8848(d)	110	6.7	7.7	7.3	6.4	<b>7.0</b>
8	MPO1395(d)	119	5.0	5.1	4.4	4.4	<b>4.7</b>
<b>Mean</b>			<b>6.1</b>	<b>6.4</b>	<b>5.8</b>	<b>5.6</b>	<b>6.0</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206					
2	HI1634 (C)	203					
3	MP4010 (C)	204					
4	HD2932 (C)	207					
5	CG1029 (C)	208					
6	WSM138	201					
7	HI1687	202					
8	MACS6830	205					
9	DBW425	209					
10	GW556	210					
<b>Mean</b>							
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312					
2	CG1040(I) (C)	301					
3	DBW110 (C)	302					
4	CG1036 (C)	304					
5	HI1655 (C)	306					
6	DBW359(I) (C)	317					
7	NIAW4267	303					
8	UAS3029	307					
9	DBW432	309					
10	DBW428	314					
<b>Mean</b>							
<i>T. durum</i>							
1	HI8627(d) (C)	308	6.8	6.2	4.6	6.6	<b>6.0</b>
2	HI8823(d) (C)	316	5.4	5.4	5.6	6.5	<b>5.7</b>
3	HI8852(d)	305	5.8	5.6	5.6	6.0	<b>5.8</b>
4	MACS4131(d)	310	6.7	5.5	4.9	5.3	<b>5.6</b>
5	HI8851(d)	311	6.9	5.6	6.0	5.9	<b>6.1</b>
6	UAS484(d)	313	8.0	7.7	6.2	7.2	<b>7.3</b>
7	MPO1398(d)	315	6.8	7.8	6.5	6.5	<b>6.9</b>
<b>Mean</b>			<b>6.7</b>	<b>6.2</b>	<b>5.6</b>	<b>6.3</b>	<b>6.2</b>

**Table 31: Hardness index of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112		72.9			<b>72.9</b>
2	GW547(I) (C)	101		68.1			<b>68.1</b>
3	HI1650 (C)	115		75.8			<b>75.8</b>
4	MACS6768 (C)	116		82.8			<b>82.8</b>
5	GW322 (C)	118		77.9			<b>77.9</b>
6	GW554	104		77.4			<b>77.4</b>
7	MACS6837	106		79.1			<b>79.1</b>
8	HI1684	107		88.5			<b>88.5</b>
9	GW555	111		79.1			<b>79.1</b>
10	MP3570	113		78.3			<b>78.3</b>
11	HI1683	114		76.1			<b>76.1</b>
<b>Mean</b>				<b>77.8</b>			<b>77.8</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102		90.7			<b>90.7</b>
2	HI8713(d) (C)	117		90.6			<b>90.6</b>
3	MACS4125(d)	103		89.7			<b>89.7</b>
4	MACS4135(d)	105		84.9			<b>84.9</b>
5	HI8850(d)	108		91.7			<b>91.7</b>
6	HI8849(d)	109		83.6			<b>83.6</b>
7	HI8848(d)	110		91.1			<b>91.1</b>
8	MPO1395(d)	119		89.6			<b>89.6</b>
<b>Mean</b>				<b>89.0</b>			<b>89.0</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206		71.4			<b>71.4</b>
2	HI1634 (C)	203		75.3			<b>75.3</b>
3	MP4010 (C)	204		80.6			<b>80.6</b>
4	HD2932 (C)	207		68.8			<b>68.8</b>
5	CG1029 (C)	208		67.8			<b>67.8</b>
6	WSM138	201		73.9			<b>73.9</b>
7	HI1687	202		73.5			<b>73.5</b>
8	MACS6830	205		66.6			<b>66.6</b>
9	DBW425	209		74.9			<b>74.9</b>
10	GW556	210		72.5			<b>72.5</b>
<b>Mean</b>				<b>72.5</b>			<b>72.5</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312		80.0			<b>80.0</b>
2	CG1040(I) (C)	301		80.1			<b>80.1</b>
3	DBW110 (C)	302		80.3			<b>80.3</b>
4	CG1036 (C)	304		80.2			<b>80.2</b>
5	HI1655 (C)	306		84.0			<b>84.0</b>
6	DBW359(I) (C)	317		79.0			<b>79.0</b>
7	NIAW4267	303		80.0			<b>80.0</b>
8	UAS3029	307		74.4			<b>74.4</b>
9	DBW432	309		72.3			<b>72.3</b>
10	DBW428	314		71.6			<b>71.6</b>
<b>Mean</b>				<b>78.2</b>			<b>78.2</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308		76.2			<b>76.2</b>
2	HI8823(d) (C)	316		100.2			<b>100.2</b>
3	HI8852(d)	305		91.8			<b>91.8</b>
4	MACS4131(d)	310		89.9			<b>89.9</b>
5	HI8851(d)	311		87.7			<b>87.7</b>
6	UAS484(d)	313		100.0			<b>100.0</b>
7	MPO1398(d)	315		97.6			<b>97.6</b>
<b>Mean</b>				<b>91.9</b>			<b>91.9</b>

**Table 32: Grain iron content (ppm) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	31.3	35.2	45.3	34.8	<b>36.7</b>
2	GW547(I) (C)	101	32.4	38.7	43.1	39.8	<b>38.5</b>
3	HI1650 (C)	115	38.4	36.9	46.9	40.7	<b>40.7</b>
4	MACS6768 (C)	116	37.8	41.8	47.5	38.3	<b>41.4</b>
5	GW322 (C)	118	30.1	33.4	40.3	32.9	<b>34.2</b>
6	GW554	104	30.5	31.4	42.0	37.8	<b>35.4</b>
7	MACS6837	106	31.5	35.0	40.2	30.4	<b>34.3</b>
8	HI1684	107	32.8	34.9	41.6	35.2	<b>36.1</b>
9	GW555	111	32.2	36.5	42.1	38.5	<b>37.3</b>
10	MP3570	113	35.5	36.1	35.7	33.6	<b>35.2</b>
11	HI1683	114	36.6	40.8	48.2	41.3	<b>41.7</b>
<b>Mean</b>			<b>33.6</b>	<b>36.4</b>	<b>43.0</b>	<b>36.7</b>	<b>37.4</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	35.2	38.0	43.8	37.7	<b>38.7</b>
2	HI8713(d) (C)	117	33.6	36.4	38.5	37.0	<b>36.4</b>
3	MACS4125(d)	103	38.6	36.6	49.0	41.3	<b>41.4</b>
4	MACS4135(d)	105	34.7	36.2	46.2	38.5	<b>38.9</b>
5	HI8850(d)	108	34.9	36.1	40.0	34.9	<b>36.5</b>
6	HI8849(d)	109	33.1	35.0	49.0	37.2	<b>38.6</b>
7	HI8848(d)	110	33.9	36.5	43.1	35.0	<b>37.1</b>
8	MPO1395(d)	119	36.0	39.2	50.0	36.1	<b>40.3</b>
<b>Mean</b>			<b>35.0</b>	<b>36.8</b>	<b>45.0</b>	<b>37.2</b>	<b>38.5</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	30.6	39.9	36.0	33.0	<b>34.9</b>
2	HI1634 (C)	203	31.2	46.6	38.0	35.8	<b>37.9</b>
3	MP4010 (C)	204	32.7	47.0	38.8	36.2	<b>38.7</b>
4	HD2932 (C)	207	28.1	37.5	36.8	36.0	<b>34.6</b>
5	CG1029 (C)	208	31.7	47.9	38.4	38.1	<b>39.0</b>
6	WSM138	201	31.6	43.0	35.4	36.7	<b>36.7</b>
7	HI1687	202	32.2	39.8	36.9	40.4	<b>37.3</b>
8	MACS6830	205	35.2	47.3	39.8	42.2	<b>41.1</b>
9	DBW425	209	32.6	44.4	35.4	35.2	<b>36.9</b>
10	GW556	210	30.1	43.6	42.3	39.4	<b>38.9</b>
<b>Mean</b>			<b>31.6</b>	<b>43.7</b>	<b>37.8</b>	<b>37.3</b>	<b>37.6</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	38.5	38.7	37.4	32.2	<b>36.7</b>
2	CG1040(I) (C)	301	32.5	40.0	42.6	38.0	<b>38.3</b>
3	DBW110 (C)	302	35.4	40.8	44.3	39.4	<b>40.0</b>
4	CG1036 (C)	304	35.6	44.4	43.8	36.4	<b>40.1</b>
5	HI1655 (C)	306	30.2	39.5	39.1	37.3	<b>36.5</b>
6	DBW359(I) (C)	317	34.7	43.7	38.8	36.5	<b>38.4</b>
7	NIAW4267	303	36.3	42.8	47.0	36.6	<b>40.7</b>
8	UAS3029	307	32.4	43.9	47.0	37.8	<b>40.3</b>
9	DBW432	309	39.2	42.8	43.2	39.2	<b>41.1</b>
10	DBW428	314	35.7	42.4	44.2	32.5	<b>38.7</b>
<b>Mean</b>			<b>35.1</b>	<b>41.9</b>	<b>42.7</b>	<b>36.6</b>	<b>39.1</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	33.9	44.0	41.2	35.5	<b>38.7</b>
2	HI8823(d) (C)	316	34.1	38.8	47.9	32.1	<b>38.2</b>
3	HI8852(d)	305	31.0	42.1	40.7	36.8	<b>37.7</b>
4	MACS4131(d)	310	32.4	42.5	39.7	32.7	<b>36.8</b>
5	HI8851(d)	311	36.0	44.4	49.2	38.5	<b>42.0</b>
6	UAS484(d)	313	34.0	38.8	44.8	35.7	<b>38.3</b>
7	MPO1398(d)	315	33.7	41.4	47.9	34.4	<b>39.4</b>
<b>Mean</b>			<b>33.6</b>	<b>41.7</b>	<b>44.5</b>	<b>35.1</b>	<b>38.7</b>

**Table 33: Grain zinc content (ppm) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112	46.1	41.0	35.5	39.2	<b>40.5</b>
2	GW547(I) (C)	101	41.4	41.7	40.8	43.5	<b>41.9</b>
3	HI1650 (C)	115	44.7	41.0	36.3	36.7	<b>39.7</b>
4	MACS6768 (C)	116	48.8	45.1	38.2	41.4	<b>43.4</b>
5	GW322 (C)	118	42.4	40.4	33.0	38.5	<b>38.6</b>
6	GW554	104	42.2	38.3	35.6	40.3	<b>39.1</b>
7	MACS6837	106	37.5	36.2	34.8	31.8	<b>35.1</b>
8	HI1684	107	42.9	36.6	35.3	35.4	<b>37.6</b>
9	GW555	111	44.0	44.2	33.5	44.5	<b>41.6</b>
10	MP3570	113	47.4	38.2	30.0	35.1	<b>37.7</b>
11	HI1683	114	43.1	36.3	33.9	41.2	<b>38.6</b>
<b>Mean</b>			<b>43.7</b>	<b>39.9</b>	<b>35.2</b>	<b>38.9</b>	<b>39.4</b>
<i>T. durum</i>							
1	HI8737(d) (C)	102	50.2	42.0	41.2	43.9	<b>44.3</b>
2	HI8713(d) (C)	117	44.1	38.5	38.9	40.5	<b>40.5</b>
3	MACS4125(d)	103	46.7	32.2	35.8	48.1	<b>40.7</b>
4	MACS4135(d)	105	44.0	39.8	41.2	38.7	<b>40.9</b>
5	HI8850(d)	108	45.5	39.2	35.6	42.5	<b>40.7</b>
6	HI8849(d)	109	42.6	36.9	37.7	35.4	<b>38.2</b>
7	HI8848(d)	110	44.6	41.5	39.4	40.6	<b>41.5</b>
8	MPO1395(d)	119	41.7	37.5	33.2	38.2	<b>37.7</b>
<b>Mean</b>			<b>44.9</b>	<b>38.5</b>	<b>37.9</b>	<b>41.0</b>	<b>40.6</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206	39.4	36.2	33.2	35.0	<b>36.0</b>
2	HI1634 (C)	203	43.6	36.9	42.1	38.2	<b>40.2</b>
3	MP4010 (C)	204	48.8	38.9	41.6	44.4	<b>43.4</b>
4	HD2932 (C)	207	39.7	33.4	41.3	39.5	<b>38.5</b>
5	CG1029 (C)	208	47.2	36.8	36.6	42.2	<b>40.7</b>
6	WSM138	201	39.2	29.8	29.4	37.8	<b>34.1</b>
7	HI1687	202	44.5	30.2	39.0	46.0	<b>39.9</b>
8	MACS6830	205	46.2	32.4	37.5	37.0	<b>38.3</b>
9	DBW425	209	45.5	32.4	34.2	32.2	<b>36.1</b>
10	GW556	210	39.9	31.8	40.8	40.4	<b>38.2</b>
<b>Mean</b>			<b>43.4</b>	<b>33.9</b>	<b>37.6</b>	<b>39.3</b>	<b>38.5</b>
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312	35.4	48.9	30.7	25.2	<b>35.1</b>
2	CG1040(I) (C)	301	32.8	48.4	34.7	28.5	<b>36.1</b>
3	DBW110 (C)	302	35.3	48.0	37.2	30.9	<b>37.9</b>
4	CG1036 (C)	304	29.0	45.5	33.8	26.0	<b>33.6</b>
5	HI1655 (C)	306	26.9	43.2	34.1	28.5	<b>33.2</b>
6	DBW359(I) (C)	317	30.0	45.7	31.9	29.8	<b>34.4</b>
7	NIAW4267	303	33.7	45.5	40.7	30.5	<b>37.6</b>
8	UAS3029	307	32.9	51.1	43.9	34.9	<b>40.7</b>
9	DBW432	309	37.1	48.6	35.6	29.5	<b>37.7</b>
10	DBW428	314	35.0	46.7	32.3	26.0	<b>35.0</b>
<b>Mean</b>			<b>32.8</b>	<b>47.2</b>	<b>35.5</b>	<b>29.0</b>	<b>36.1</b>
<i>T. durum</i>							
1	HI8627(d) (C)	308	36.7	47.5	35.8	33.5	<b>38.4</b>
2	HI8823(d) (C)	316	41.2	44.4	41.2	29.0	<b>39.0</b>
3	HI8852(d)	305	34.9	49.9	33.6	35.4	<b>38.5</b>
4	MACS4131(d)	310	38.0	54.9	37.1	28.8	<b>39.7</b>
5	HI8851(d)	311	38.0	47.8	38.8	33.5	<b>39.5</b>
6	UAS484(d)	313	37.7	44.0	32.5	29.7	<b>36.0</b>
7	MPO1398(d)	315	34.5	47.8	37.4	31.4	<b>37.8</b>
<b>Mean</b>			<b>37.3</b>	<b>48.0</b>	<b>36.6</b>	<b>31.6</b>	<b>38.4</b>

**Table 34: Yellow berry (%) of *T. aestivum* and *T. durum* genotypes in Central Zone (CZ) AVTs**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.khera	Mean
<b>Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	HI1669*	112					
2	GW547(I) (C)	101					
3	HI1650 (C)	115					
4	MACS6768 (C)	116					
5	GW322 (C)	118					
6	GW554	104					
7	MACS6837	106					
8	HI1684	107					
9	GW555	111					
10	MP3570	113					
11	HI1683	114					
<b>Mean</b>							
<i>T. durum</i>							
1	HI8737(d) (C)	102	10.0	10.0	0.0	10.0	<b>7.5</b>
2	HI8713(d) (C)	117	30.0	10.0	10.0	10.0	<b>15.0</b>
3	MACS4125(d)	103	10.0	10.0	0.0	0.0	<b>5.0</b>
4	MACS4135(d)	105	20.0	10.0	10.0	20.0	<b>15.0</b>
5	HI8850(d)	108	0.0	0.0	0.0	0.0	<b>0.0</b>
6	HI8849(d)	109	0.0	10.0	0.0	10.0	<b>5.0</b>
7	HI8848(d)	110	20.0	0.0	0.0	10.0	<b>7.5</b>
8	MPO1395(d)	119	10.0	0.0	0.0	10.0	<b>5.0</b>
<b>Mean</b>			<b>12.5</b>	<b>6.3</b>	<b>2.5</b>	<b>8.8</b>	<b>7.5</b>
<b>Irrigated, late sown</b>							
<i>T. aestivum</i>							
1	HI1674*	206					
2	HI1634 (C)	203					
3	MP4010 (C)	204					
4	HD2932 (C)	207					
5	CG1029 (C)	208					
6	WSM138	201					
7	HI1687	202					
8	MACS6830	205					
9	DBW425	209					
10	GW556	210					
<b>Mean</b>							
<b>Restricted Irrigated, timely sown</b>							
<i>T. aestivum</i>							
1	DBW441M*	312					
2	CG1040(I) (C)	301					
3	DBW110 (C)	302					
4	CG1036 (C)	304					
5	HI1655 (C)	306					
6	DBW359(I) (C)	317					
7	NIAW4267	303					
8	UAS3029	307					
9	DBW432	309					
10	DBW428	314					
<b>Mean</b>							
<i>T. durum</i>							
1	HI8627(d) (C)	308	0.0	0.0	20.0	10.0	<b>7.5</b>
2	HI8823(d) (C)	316	0.0	0.0	10.0	10.0	<b>5.0</b>
3	HI8852(d)	305	10.0	0.0	30.0	10.0	<b>12.5</b>
4	MACS4131(d)	310	0.0	0.0	20.0	10.0	<b>7.5</b>
5	HI8851(d)	311	0.0	0.0	20.0	10.0	<b>7.5</b>
6	UAS484(d)	313	10.0	10.0	50.0	20.0	<b>22.5</b>
7	MPO1398(d)	315	10.0	0.0	10.0	20.0	<b>10.0</b>
<b>Mean</b>			<b>4.3</b>	<b>1.4</b>	<b>22.9</b>	<b>12.9</b>	<b>10.4</b>

**Table 35: Grain appearance score (Max-10) of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	6.4	7.0	6.4	<b>6.6</b>
2	AKAW5100*	108	6.6	7.0	6.4	<b>6.7</b>
3	WH1306*	110	6.8	7.6	7.0	<b>7.1</b>
4	NWS2222*	116	6.8	6.8	6.8	<b>6.8</b>
5	DBW443*	123	6.8	8.0	7.0	<b>7.3</b>
6	GW322 (C)	118	6.2	6.8	6.0	<b>6.3</b>
7	MACS6222 (C)	122	6.4	7.2	6.8	<b>6.8</b>
8	MP1378(I) (C)	124	6.4	6.8	6.2	<b>6.5</b>
9	MACS6842	102	6.8	7.0	7.4	<b>7.1</b>
10	UAS3026	103	6.2	6.8	6.0	<b>6.3</b>
11	MACS6837	106	6.6	6.8	6.8	<b>6.7</b>
12	MACS6844	111	6.6	6.6	6.6	<b>6.6</b>
13	MP3570	117	6.8	8.0	7.0	<b>7.3</b>
14	NIAW4364	119	6.0	6.8	5.8	<b>6.2</b>
15	CG1045	121	7.2	7.2	6.4	<b>6.9</b>
<b>Mean</b>			<b>6.6</b>	<b>7.1</b>	<b>6.6</b>	<b>6.7</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	7.8	7.4	6.8	<b>7.3</b>
2	MACS3949(d) (C)	115	6.2	7.0	7.4	<b>6.9</b>
3	DDW62(d)	101	6.4	6.8	7.8	<b>7.0</b>
4	MPO1395(d)	105	6.6	7.2	7.6	<b>7.1</b>
5	HI8849(d)	107	6.8	6.8	6.8	<b>6.8</b>
6	MACS4125(d)	112	6.4	6.8	7.6	<b>6.9</b>
7	HI8850(d)	113	6.8	5.6	7.8	<b>6.7</b>
8	HI8848(d)	114	6.6	7.2	7.6	<b>7.1</b>
9	MACS4135(d)	120	6.4	7.2	7.6	<b>7.1</b>
<b>Mean</b>			<b>6.7</b>	<b>6.9</b>	<b>7.4</b>	<b>7.0</b>

**Table 35 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	6.6	7.8	6.8	<b>7.1</b>
2	NIAW4114*	206	6.2	7.0	6.4	<b>6.5</b>
3	HI1674*	213	7.0	6.6	6.4	<b>6.7</b>
4	NIAW4120*	215	7.2	7.6	6.8	<b>7.2</b>
5	HD3090 (C)	203	6.0	6.8	6.8	<b>6.5</b>
6	HD2932 (C)	208	5.2	7.0	6.0	<b>6.1</b>
7	RAJ4083 (C)	209	6.4	7.6	6.4	<b>6.8</b>
8	HI1633 (C)	214	6.8	6.8	6.8	<b>6.8</b>
9	UAS3027	201	5.2	7.2	5.8	<b>6.1</b>
10	DBW425	204	4.6	7.4	6.4	<b>6.1</b>
11	NIAW4432	205	6.0	6.4	6.4	<b>6.3</b>
12	MACS6830	207	7.8	7.8	6.6	<b>7.4</b>
13	HI1687	210	7.2	7.8	6.8	<b>7.3</b>
14	DBW426	211	7.0	8.0	6.8	<b>7.3</b>
15	MACS6829	212	6.0	7.8	6.6	<b>6.8</b>
<b>Mean</b>			<b>6.3</b>	<b>7.3</b>	<b>6.5</b>	<b>6.7</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	5.0	6.4	7.4	<b>6.3</b>
2	NIAW3170 (C)	305	5.4	6.6	5.8	<b>5.9</b>
3	HI1665(I) (C)	309	5.6	7.6	6.2	<b>6.5</b>
4	DBW359(I) (C)	313	6.4	7.4	6.6	<b>6.8</b>
5	CG1047	301	6.4	6.8	7.6	<b>6.9</b>
6	NIAW4267	311	6.6	6.8	6.4	<b>6.6</b>
<b>Mean</b>			<b>5.9</b>	<b>6.9</b>	<b>6.7</b>	<b>6.5</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	5.2	6.6	7.6	<b>6.5</b>
2	UAS478(d)(I) (C)	308	4.6	6.8	7.8	<b>6.4</b>
3	NIDW1149(d) (C)	312	6.8	7.6	7.4	<b>7.3</b>
4	MACS4131(d)	303	5.6	6.8	7.2	<b>6.5</b>
5	GW1368(d)	304	4.8	6.6	6.8	<b>6.1</b>
6	HI8852(d)	306	6.0	7.8	7.2	<b>7.0</b>
7	UAS484(d)	310	5.8	7.0	8.0	<b>6.9</b>
8	HI8851(d)	314	6.6	8.2	7.6	<b>7.5</b>
<b>Mean</b>			<b>5.7</b>	<b>7.2</b>	<b>7.5</b>	<b>6.8</b>

**Table 36: Hectolitre weight (Kg/hl) of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	78.9	78.5	81.5	<b>79.6</b>
2	AKAW5100*	108	79.6	80.6	83.1	<b>81.1</b>
3	WH1306*	110	80.1	79.7	83.6	<b>81.1</b>
4	NWS2222*	116	81.1	79.3	84.4	<b>81.6</b>
5	DBW443*	123	81.7	80.7	83.4	<b>81.9</b>
6	GW322 (C)	118	78.0	79.1	83.0	<b>80.0</b>
7	MACS6222 (C)	122	79.7	80.1	83.2	<b>81.0</b>
8	MP1378(I) (C)	124	81.8	83.2	84.3	<b>83.1</b>
9	MACS6842	102	79.2	79.0	83.1	<b>80.4</b>
10	UAS3026	103	79.2	80.3	83.2	<b>80.9</b>
11	MACS6837	106	78.7	77.8	82.6	<b>79.7</b>
12	MACS6844	111	79.2	78.7	82.1	<b>80.0</b>
13	MP3570	117	78.5	81.2	83.4	<b>81.0</b>
14	NIAW4364	119	78.3	78.2	83.2	<b>79.9</b>
15	CG1045	121	80.5	81.1	83.4	<b>81.7</b>
<b>Mean</b>			<b>79.6</b>	<b>79.8</b>	<b>83.2</b>	<b>80.9</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	82.9	82.6	85.1	<b>83.5</b>
2	MACS3949(d) (C)	115	80.3	82.5	84.3	<b>82.4</b>
3	DDW62(d)	101	79.7	82.4	85.9	<b>82.7</b>
4	MPO1395(d)	105	78.1	81.2	83.6	<b>81.0</b>
5	HI8849(d)	107	83.5	82.4	85.3	<b>83.7</b>
6	MACS4125(d)	112	80.7	81.9	84.3	<b>82.3</b>
7	HI8850(d)	113	81.9	77.6	84.6	<b>81.4</b>
8	HI8848(d)	114	80.2	82.8	85.1	<b>82.7</b>
9	MACS4135(d)	120	81.8	82.9	85.5	<b>83.4</b>
<b>Mean</b>			<b>81.0</b>	<b>81.8</b>	<b>84.9</b>	<b>82.6</b>



**Table 36 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	79.4	80.6	82.1	<b>80.7</b>
2	NIAW4114*	206	79.6	82.0	82.1	<b>81.2</b>
3	HI1674*	213	80.3	82.0	82.6	<b>81.6</b>
4	NIAW4120*	215	75.7	77.7	75.9	<b>76.4</b>
5	HD3090 (C)	203	77.3	79.1	80.2	<b>78.9</b>
6	HD2932 (C)	208	74.0	79.7	79.8	<b>77.8</b>
7	RAJ4083 (C)	209	79.0	81.5	80.2	<b>80.2</b>
8	HI1633 (C)	214	79.2	82.0	82.0	<b>81.1</b>
9	UAS3027	201	70.0	77.7	78.9	<b>75.5</b>
10	DBW425	204	66.2	79.9	79.8	<b>75.3</b>
11	NIAW4432	205	73.9	77.8	80.0	<b>77.2</b>
12	MACS6830	207	79.0	80.7	81.0	<b>80.2</b>
13	HI1687	210	79.3	81.1	83.3	<b>81.2</b>
14	DBW426	211	77.0	80.1	79.0	<b>78.7</b>
15	MACS6829	212	73.8	78.8	81.5	<b>78.0</b>
<b>Mean</b>			<b>76.2</b>	<b>80.0</b>	<b>80.6</b>	<b>79.0</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	73.4	80.4	85.4	<b>79.7</b>
2	NIAW3170 (C)	305	69.8	78.4	81.9	<b>76.7</b>
3	HI1665(I) (C)	309	72.2	80.2	82.9	<b>78.4</b>
4	DBW359(I) (C)	313	73.6	77.7	83.5	<b>78.3</b>
5	CG1047	301	76.6	80.9	85.1	<b>80.9</b>
6	NIAW4267	311	73.6	77.7	83.4	<b>78.2</b>
<b>Mean</b>			<b>73.2</b>	<b>79.2</b>	<b>83.7</b>	<b>78.7</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	72.2	79.5	84.3	<b>78.7</b>
2	UAS478(d)(I) (C)	308	68.2	81.2	85.4	<b>78.3</b>
3	NIDW1149(d) (C)	312	74.0	78.3	82.8	<b>78.4</b>
4	MACS4131(d)	303	77.2	82.1	82.9	<b>80.7</b>
5	GW1368(d)	304	59.4	72.2	76.1	<b>69.2</b>
6	HI8852(d)	306	77.1	80.5	84.6	<b>80.7</b>
7	UAS484(d)	310	70.6	75.7	82.7	<b>76.3</b>
8	HI8851(d)	314	78.6	82.8	85.8	<b>82.4</b>
<b>Mean</b>			<b>72.2</b>	<b>79.0</b>	<b>83.1</b>	<b>78.1</b>

**Table 37: Protein content (%) at 12% moisture basis of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	13.0	12.3	11.5	<b>12.3</b>
2	AKAW5100*	108	14.1	13.0	10.9	<b>12.7</b>
3	WH1306*	110	12.6	12.4	12.0	<b>12.3</b>
4	NWS2222*	116	12.8	12.1	10.7	<b>11.9</b>
5	DBW443*	123	14.0	13.8	11.3	<b>13.0</b>
6	GW322 (C)	118	11.2	11.5	10.5	<b>11.0</b>
7	MACS6222 (C)	122	12.7	12.7	11.6	<b>12.3</b>
8	MP1378(I) (C)	124	13.9	12.7	10.7	<b>12.4</b>
9	MACS6842	102	13.5	12.3	11.2	<b>12.3</b>
10	UAS3026	103	11.8	11.9	9.8	<b>11.2</b>
11	MACS6837	106	12.5	11.9	10.9	<b>11.8</b>
12	MACS6844	111	13.1	12.6	11.2	<b>12.3</b>
13	MP3570	117	13.0	12.0	10.7	<b>11.9</b>
14	NIAW4364	119	12.1	11.6	9.2	<b>11.0</b>
15	CG1045	121	13.8	13.5	10.7	<b>12.7</b>
<b>Mean</b>			<b>12.9</b>	<b>12.4</b>	<b>10.9</b>	<b>12.1</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	12.4	12.0	9.8	<b>11.4</b>
2	MACS3949(d) (C)	115	12.8	12.1	10.8	<b>11.9</b>
3	DDW62(d)	101	14.1	11.4	11.1	<b>12.2</b>
4	MPO1395(d)	105	11.7	12.3	11.3	<b>11.8</b>
5	HI8849(d)	107	11.9	11.4	9.4	<b>10.9</b>
6	MACS4125(d)	112	11.9	12.2	10.7	<b>11.6</b>
7	HI8850(d)	113	12.0	12.2	10.5	<b>11.6</b>
8	HI8848(d)	114	12.2	12.6	10.7	<b>11.9</b>
9	MACS4135(d)	120	11.0	11.7	10.9	<b>11.2</b>
<b>Mean</b>			<b>12.2</b>	<b>12.0</b>	<b>10.6</b>	<b>11.6</b>

**Table 37 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	12.3	12.8	12.5	<b>12.5</b>
2	NIAW4114*	206	12.9	12.7	12.3	<b>12.7</b>
3	HI1674*	213	13.0	11.9	13.1	<b>12.7</b>
4	NIAW4120*	215	12.2	12.0	12.9	<b>12.4</b>
5	HD3090 (C)	203	13.3	12.5	12.7	<b>12.8</b>
6	HD2932 (C)	208	11.7	13.0	11.6	<b>12.1</b>
7	RAJ4083 (C)	209	12.7	13.0	12.4	<b>12.7</b>
8	HI1633 (C)	214	12.9	12.5	12.4	<b>12.6</b>
9	UAS3027	201	12.2	12.3	12.6	<b>12.4</b>
10	DBW425	204	11.9	12.6	11.9	<b>12.1</b>
11	NIAW4432	205	14.3	13.7	12.3	<b>13.4</b>
12	MACS6830	207	13.5	12.7	13.5	<b>13.2</b>
13	HI1687	210	13.1	12.3	12.2	<b>12.5</b>
14	DBW426	211	13.3	12.9	13.1	<b>13.1</b>
15	MACS6829	212	14.1	13.0	13.1	<b>13.4</b>
<b>Mean</b>			<b>12.9</b>	<b>12.7</b>	<b>12.6</b>	<b>12.7</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	13.8	13.4	13.1	<b>13.4</b>
2	NIAW3170 (C)	305	15.4	12.8	13.4	<b>13.9</b>
3	HI1665(I) (C)	309	12.5	12.5	11.7	<b>12.2</b>
4	DBW359(I) (C)	313	14.4	13.2	12.6	<b>13.4</b>
5	CG1047	301	13.2	12.4	12.9	<b>12.8</b>
6	NIAW4267	311	13.9	13.4	13.2	<b>13.5</b>
<b>Mean</b>			<b>13.8</b>	<b>13.0</b>	<b>12.8</b>	<b>13.2</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	15.4	14.7	13.0	<b>14.4</b>
2	UAS478(d)(I) (C)	308	15.4	13.4	12.1	<b>13.6</b>
3	NIDW1149(d) (C)	312	12.8	12.1	11.7	<b>12.2</b>
4	MACS4131(d)	303	13.8	13.0	12.7	<b>13.2</b>
5	GW1368(d)	304	14.1	13.2	13.2	<b>13.5</b>
6	HI8852(d)	306	14.2	13.4	13.0	<b>13.5</b>
7	UAS484(d)	310	14.4	14.4	12.2	<b>13.7</b>
8	HI8851(d)	314	14.6	13.6	12.7	<b>13.7</b>
<b>Mean</b>			<b>14.3</b>	<b>13.5</b>	<b>12.6</b>	<b>13.5</b>

**Table 38: Sedimentation value (ml) of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	58	57	63	<b>59</b>
2	AKAW5100*	108	45	42	42	<b>43</b>
3	WH1306*	110	57	64	56	<b>59</b>
4	NWS2222*	116	54	58	48	<b>53</b>
5	DBW443*	123	47	54	53	<b>51</b>
6	GW322 (C)	118	43	45	42	<b>44</b>
7	MACS6222 (C)	122	40	45	40	<b>42</b>
8	MP1378(I) (C)	124	42	43	42	<b>42</b>
9	MACS6842	102	66	62	56	<b>61</b>
10	UAS3026	103	53	53	49	<b>52</b>
11	MACS6837	106	54	57	51	<b>54</b>
12	MACS6844	111	54	59	53	<b>55</b>
13	MP3570	117	52	53	48	<b>51</b>
14	NIAW4364	119	55	56	48	<b>53</b>
15	CG1045	121	54	58	52	<b>55</b>
<b>Mean</b>			<b>52</b>	<b>54</b>	<b>50</b>	<b>52</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	39	40	36	<b>38</b>
2	MACS3949(d) (C)	115	44	45	37	<b>42</b>
3	DDW62(d)	101	54	43	41	<b>46</b>
4	MPO1395(d)	105	42	43	43	<b>43</b>
5	HI8849(d)	107	29	34	29	<b>31</b>
6	MACS4125(d)	112	36	40	33	<b>37</b>
7	HI8850(d)	113	39	43	37	<b>39</b>
8	HI8848(d)	114	36	39	35	<b>37</b>
9	MACS4135(d)	120	36	43	40	<b>40</b>
<b>Mean</b>			<b>39</b>	<b>41</b>	<b>37</b>	<b>39</b>

**Table 38 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	42	47	45	<b>45</b>
2	NIAW4114*	206	50	57	53	<b>53</b>
3	HI1674*	213	41	48	43	<b>44</b>
4	NIAW4120*	215	48	52	53	<b>51</b>
5	HD3090 (C)	203	49	52	45	<b>48</b>
6	HD2932 (C)	208	48	55	54	<b>52</b>
7	RAJ4083 (C)	209	49	55	52	<b>52</b>
8	HI1633 (C)	214	44	44	44	<b>44</b>
9	UAS3027	201	48	54	53	<b>52</b>
10	DBW425	204	48	62	56	<b>55</b>
11	NIAW4432	205	53	60	54	<b>56</b>
12	MACS6830	207	46	52	47	<b>48</b>
13	HI1687	210	49	54	50	<b>51</b>
14	DBW426	211	59	61	59	<b>60</b>
15	MACS6829	212	49	54	50	<b>51</b>
<b>Mean</b>			<b>48</b>	<b>54</b>	<b>51</b>	<b>51</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	64	65	51	<b>60</b>
2	NIAW3170 (C)	305	56	60	45	<b>54</b>
3	HI1665(I) (C)	309	30	41	36	<b>36</b>
4	DBW359(I) (C)	313	61	70	56	<b>63</b>
5	CG1047	301	49	54	42	<b>48</b>
6	NIAW4267	311	30	41	37	<b>36</b>
<b>Mean</b>			<b>48</b>	<b>55</b>	<b>44</b>	<b>49</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	44	57	37	<b>46</b>
2	UAS478(d)(I) (C)	308	39	39	37	<b>38</b>
3	NIDW1149(d) (C)	312	29	38	32	<b>33</b>
4	MACS4131(d)	303	39	46	28	<b>37</b>
5	GW1368(d)	304	33	36	27	<b>32</b>
6	HI8852(d)	306	34	51	30	<b>39</b>
7	UAS484(d)	310	41	48	41	<b>43</b>
8	HI8851(d)	314	31	37	33	<b>34</b>
<b>Mean</b>			<b>36</b>	<b>44</b>	<b>33</b>	<b>38</b>

**Table 39: Phenol test (Max-10) of *T. aestivum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<b><i>T. aestivum</i></b>						
1	PBW891*	104	3.0	3.0	2.0	<b>2.7</b>
2	AKAW5100*	108	4.0	5.0	5.5	<b>4.8</b>
3	WH1306*	110	2.0	2.5	2.0	<b>2.2</b>
4	NWS2222*	116	4.5	4.5	6.0	<b>5.0</b>
5	DBW443*	123	4.0	6.0	7.0	<b>5.7</b>
6	GW322 (C)	118	5.5	5.0	7.0	<b>5.8</b>
7	MACS6222 (C)	122	5.5	5.0	6.5	<b>5.7</b>
8	MP1378(I) (C)	124	3.5	6.0	5.5	<b>5.0</b>
9	MACS6842	102	6.0	6.5	7.0	<b>6.5</b>
10	UAS3026	103	5.5	5.0	5.5	<b>5.3</b>
11	MACS6837	106	6.5	7.0	7.0	<b>6.8</b>
12	MACS6844	111	2.0	3.0	2.5	<b>2.5</b>
13	MP3570	117	5.0	5.0	5.5	<b>5.2</b>
14	NIAW4364	119	4.0	4.5	5.5	<b>4.7</b>
15	CG1045	121	2.0	2.5	2.5	<b>2.3</b>
<b>Mean</b>			<b>4.2</b>	<b>4.7</b>	<b>5.1</b>	<b>4.7</b>
<b><i>T. durum</i></b>						
1	HI8737(d) (C)	109	0.0	0.0	0.0	<b>0.0</b>
2	MACS3949(d) (C)	115	0.0	0.0	0.0	<b>0.0</b>
3	DDW62(d)	101	0.0	0.0	0.0	<b>0.0</b>
4	MPO1395(d)	105	0.0	0.0	0.0	<b>0.0</b>
5	HI8849(d)	107	0.0	0.0	0.0	<b>0.0</b>
6	MACS4125(d)	112	0.0	0.0	0.0	<b>0.0</b>
7	HI8850(d)	113	0.0	0.0	0.0	<b>0.0</b>
8	HI8848(d)	114	0.0	0.0	0.0	<b>0.0</b>
9	MACS4135(d)	120	0.0	0.0	0.0	<b>0.0</b>
<b>Mean</b>			<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**Table 39 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	6.0	4.5	6.0	<b>5.5</b>
2	NIAW4114*	206	2.0	2.5	2.0	<b>2.2</b>
3	HI1674*	213	2.0	2.5	2.0	<b>2.2</b>
4	NIAW4120*	215	3.5	2.5	2.0	<b>2.7</b>
5	HD3090 (C)	203	6.5	6.5	7.5	<b>6.8</b>
6	HD2932 (C)	208	2.0	2.5	2.0	<b>2.2</b>
7	RAJ4083 (C)	209	4.0	3.5	4.5	<b>4.0</b>
8	HI1633 (C)	214	5.0	5.0	5.5	<b>5.2</b>
9	UAS3027	201	2.5	3.5	2.0	<b>2.7</b>
10	DBW425	204	3.0	4.5	2.0	<b>3.2</b>
11	NIAW4432	205	6.0	5.5	6.5	<b>6.0</b>
12	MACS6830	207	2.0	2.0	2.0	<b>2.0</b>
13	HI1687	210	3.0	4.5	3.0	<b>3.5</b>
14	DBW426	211	3.0	3.0	2.5	<b>2.8</b>
15	MACS6829	212	2.0	3.0	2.0	<b>2.3</b>
<b>Mean</b>			<b>3.5</b>	<b>3.7</b>	<b>3.4</b>	<b>3.5</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	2.0	2.5	2.5	<b>2.3</b>
2	NIAW3170 (C)	305	5.5	5.0	6.0	<b>5.5</b>
3	HI1665(I) (C)	309	4.5	4.0	7.0	<b>5.2</b>
4	DBW359(I) (C)	313	2.5	2.5	2.5	<b>2.5</b>
5	CG1047	301	6.5	3.5	6.0	<b>5.3</b>
6	NIAW4267	311	6.5	6.0	6.5	<b>6.3</b>
<b>Mean</b>			<b>4.6</b>	<b>3.9</b>	<b>5.1</b>	<b>4.5</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	0.0	0.0	0.0	<b>0.0</b>
2	UAS478(d)(I) (C)	308	0.0	0.0	0.0	<b>0.0</b>
3	NIDW1149(d) (C)	312	0.0	0.0	0.0	<b>0.0</b>
4	MACS4131(d)	303	0.0	0.0	0.0	<b>0.0</b>
5	GW1368(d)	304	2.0	2.0	2.5	<b>2.2*</b>
6	HI8852(d)	306	0.0	0.0	0.0	<b>0.0</b>
7	UAS484(d)	310	0.0	0.0	0.0	<b>0.0</b>
8	HI8851(d)	314	0.0	0.0	0.0	<b>0.0</b>
<b>Mean</b>			<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>

\*Suspected mixture so not included in overall mean

**Table 40: Yellow pigment (ppm) of *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104				
2	AKAW5100*	108				
3	WH1306*	110				
4	NWS2222*	116				
5	DBW443*	123				
6	GW322 (C)	118				
7	MACS6222 (C)	122				
8	MP1378(I) (C)	124				
9	MACS6842	102				
10	UAS3026	103				
11	MACS6837	106				
12	MACS6844	111				
13	MP3570	117				
14	NIAW4364	119				
15	CG1045	121				
<b>Mean</b>						
<i>T. durum</i>						
1	HI8737(d) (C)	109	5.2	5.9	4.3	<b>5.1</b>
2	MACS3949(d) (C)	115	6.9	6.7	5.9	<b>6.5</b>
3	DDW62(d)	101	5.3	7.8	6.3	<b>6.5</b>
4	MPO1395(d)	105	5.3	6.2	4.4	<b>5.3</b>
5	HI8849(d)	107	7.2	6.8	5.5	<b>6.5</b>
6	MACS4125(d)	112	7.4	6.9	5.7	<b>6.6</b>
7	HI8850(d)	113	6.3	7.6	5.0	<b>6.3</b>
8	HI8848(d)	114	7.9	7.6	6.0	<b>7.2</b>
9	MACS4135(d)	120	7.9	7.5	6.4	<b>7.3</b>
<b>Mean</b>			<b>6.6</b>	<b>7.0</b>	<b>5.5</b>	<b>6.4</b>



**Table 40 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202				
2	NIAW4114*	206				
3	HI1674*	213				
4	NIAW4120*	215				
5	HD3090 (C)	203				
6	HD2932 (C)	208				
7	RAJ4083 (C)	209				
8	HI1633 (C)	214				
9	UAS3027	201				
10	DBW425	204				
11	NIAW4432	205				
12	MACS6830	207				
13	HI1687	210				
14	DBW426	211				
15	MACS6829	212				
<b>Mean</b>						
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302				
2	NIAW3170 (C)	305				
3	HI1665(I) (C)	309				
4	DBW359(I) (C)	313				
5	CG1047	301				
6	NIAW4267	311				
<b>Mean</b>						
<i>T. durum</i>						
1	UAS446(d) (C)	307	9.0	6.2	5.9	<b>7.0</b>
2	UAS478(d)(I) (C)	308	10.1	8.0	6.6	<b>8.2</b>
3	NIDW1149(d) (C)	312	6.2	5.2	4.7	<b>5.4</b>
4	MACS4131(d)	303	7.5	5.8	5.6	<b>6.3</b>
5	GW1368(d)	304	7.1	5.4	4.6	<b>5.7</b>
6	HI8852(d)	306	8.4	7.0	5.8	<b>7.1</b>
7	UAS484(d)	310	9.9	8.3	6.1	<b>8.1</b>
8	HI8851(d)	314	7.7	6.2	5.9	<b>6.6</b>
<b>Mean</b>			<b>8.3</b>	<b>6.5</b>	<b>5.7</b>	<b>6.8</b>

**Table 41: Hardness index of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104			68.7	<b>68.7</b>
2	AKAW5100*	108			77.5	<b>77.5</b>
3	WH1306*	110			79.7	<b>79.7</b>
4	NWS2222*	116			84.4	<b>84.4</b>
5	DBW443*	123			77.3	<b>77.3</b>
6	GW322 (C)	118			82.7	<b>82.7</b>
7	MACS6222 (C)	122			78.6	<b>78.6</b>
8	MP1378(I) (C)	124			79.9	<b>79.9</b>
9	MACS6842	102			85.4	<b>85.4</b>
10	UAS3026	103			74.4	<b>74.4</b>
11	MACS6837	106			78.0	<b>78.0</b>
12	MACS6844	111			78.1	<b>78.1</b>
13	MP3570	117			72.2	<b>72.2</b>
14	NIAW4364	119			73.7	<b>73.7</b>
15	CG1045	121			71.1	<b>71.1</b>
<b>Mean</b>					<b>77.4</b>	<b>77.4</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109			83.2	<b>83.2</b>
2	MACS3949(d) (C)	115			81.4	<b>81.4</b>
3	DDW62(d)	101			85.7	<b>85.7</b>
4	MPO1395(d)	105			83.7	<b>83.7</b>
5	HI8849(d)	107			77.8	<b>77.8</b>
6	MACS4125(d)	112			77.2	<b>77.2</b>
7	HI8850(d)	113			87.4	<b>87.4</b>
8	HI8848(d)	114			88.5	<b>88.5</b>
9	MACS4135(d)	120			79.5	<b>79.5</b>
<b>Mean</b>					<b>82.7</b>	<b>82.7</b>

**Table 41 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202			83.5	<b>83.5</b>
2	NIAW4114*	206			82.5	<b>82.5</b>
3	HI1674*	213			76.6	<b>76.6</b>
4	NIAW4120*	215			76.6	<b>76.6</b>
5	HD3090 (C)	203			79.4	<b>79.4</b>
6	HD2932 (C)	208			81.3	<b>81.3</b>
7	RAJ4083 (C)	209			80.4	<b>80.4</b>
8	HI1633 (C)	214			81.9	<b>81.9</b>
9	UAS3027	201			76.7	<b>76.7</b>
10	DBW425	204			81.7	<b>81.7</b>
11	NIAW4432	205			76.4	<b>76.4</b>
12	MACS6830	207			72.5	<b>72.5</b>
13	HI1687	210			74.3	<b>74.3</b>
14	DBW426	211			78.2	<b>78.2</b>
15	MACS6829	212			77.5	<b>77.5</b>
<b>Mean</b>					<b>78.6</b>	<b>78.6</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302			78.2	<b>78.2</b>
2	NIAW3170 (C)	305			39.9	<b>39.9</b>
3	HI1665(I) (C)	309			82.0	<b>82.0</b>
4	DBW359(I) (C)	313			75.5	<b>75.5</b>
5	CG1047	301			80.2	<b>80.2</b>
6	NIAW4267	311			65.9	<b>65.9</b>
<b>Mean</b>					<b>70.3</b>	<b>70.3</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307			81.5	<b>81.5</b>
2	UAS478(d)(I) (C)	308			83.5	<b>83.5</b>
3	NIDW1149(d) (C)	312			78.0	<b>78.0</b>
4	MACS4131(d)	303			77.7	<b>77.7</b>
5	GW1368(d)	304			83.8	<b>83.8</b>
6	HI8852(d)	306			80.2	<b>80.2</b>
7	UAS484(d)	310			86.0	<b>86.0</b>
8	HI8851(d)	314			79.9	<b>79.9</b>
<b>Mean</b>					<b>81.3</b>	<b>81.3</b>

**Table 42: Grain iron content (ppm) of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	42.4	45.0	40.4	<b>42.6</b>
2	AKAW5100*	108	43.8	36.2	35.5	<b>38.5</b>
3	WH1306*	110	38.1	43.6	41.8	<b>41.2</b>
4	NWS2222*	116	45.1	38.8	38.4	<b>40.8</b>
5	DBW443*	123	43.1	41.1	48.7	<b>44.3</b>
6	GW322 (C)	118	32.3	36.3	35.9	<b>34.8</b>
7	MACS6222 (C)	122	40.6	36.9	52.8	<b>43.4</b>
8	MP1378(I) (C)	124	48.3	44.3	38.7	<b>43.8</b>
9	MACS6842	102	39.1	40.3	33.5	<b>37.6</b>
10	UAS3026	103	41.3	43.1	36.0	<b>40.1</b>
11	MACS6837	106	38.1	32.5	37.4	<b>36.0</b>
12	MACS6844	111	45.9	35.1	42.3	<b>41.1</b>
13	MP3570	117	42.4	38.8	37.0	<b>39.4</b>
14	NIAW4364	119	38.3	35.0	33.1	<b>35.5</b>
15	CG1045	121	44.8	45.1	48.9	<b>46.3</b>
<b>Mean</b>			<b>41.6</b>	<b>39.5</b>	<b>40.0</b>	<b>40.4</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	39.7	34.4	38.3	<b>37.5</b>
2	MACS3949(d) (C)	115	42.5	34.3	35.5	<b>37.4</b>
3	DDW62(d)	101	47.5	34.6	40.4	<b>40.8</b>
4	MPO1395(d)	105	38.7	38.3	38.2	<b>38.4</b>
5	HI8849(d)	107	40.6	38.0	39.4	<b>39.3</b>
6	MACS4125(d)	112	42.9	34.1	41.4	<b>39.5</b>
7	HI8850(d)	113	36.7	31.1	37.9	<b>35.2</b>
8	HI8848(d)	114	38.5	33.2	38.9	<b>36.9</b>
9	MACS4135(d)	120	37.2	37.5	37.0	<b>37.2</b>
<b>Mean</b>			<b>40.5</b>	<b>35.1</b>	<b>38.6</b>	<b>38.0</b>

**Table 42 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	49.4	42.8	48.9	<b>47.0</b>
2	NIAW4114*	206	41.3	38.7	37.0	<b>39.0</b>
3	HI1674*	213	42.9	36.4	39.8	<b>39.7</b>
4	NIAW4120*	215	46.0	35.6	38.9	<b>40.2</b>
5	HD3090 (C)	203	44.4	38.7	36.4	<b>39.8</b>
6	HD2932 (C)	208	35.6	34.9	37.1	<b>35.9</b>
7	RAJ4083 (C)	209	46.6	39.4	42.8	<b>42.9</b>
8	HI1633 (C)	214	39.4	39.8	39.0	<b>39.4</b>
9	UAS3027	201	42.6	32.4	35.7	<b>36.9</b>
10	DBW425	204	40.9	39.8	42.5	<b>41.1</b>
11	NIAW4432	205	44.0	35.0	37.3	<b>38.8</b>
12	MACS6830	207	42.0	39.3	46.3	<b>42.5</b>
13	HI1687	210	39.9	39.7	45.0	<b>41.5</b>
14	DBW426	211	49.0	40.5	43.1	<b>44.2</b>
15	MACS6829	212	43.5	44.1	40.7	<b>42.8</b>
<b>Mean</b>			<b>43.2</b>	<b>38.5</b>	<b>40.7</b>	<b>40.8</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	43.1	40.6	40.9	<b>41.5</b>
2	NIAW3170 (C)	305	36.5	42.1	35.6	<b>38.1</b>
3	HI1665(I) (C)	309	45.3	38.6	43.4	<b>42.4</b>
4	DBW359(I) (C)	313	44.0	39.1	43.8	<b>42.3</b>
5	CG1047	301	42.9	39.2	43.1	<b>41.7</b>
6	NIAW4267	311	43.2	43.5	44.0	<b>43.6</b>
<b>Mean</b>			<b>42.5</b>	<b>40.5</b>	<b>41.8</b>	<b>41.6</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	37.4	37.2	39.4	<b>38.0</b>
2	UAS478(d)(I) (C)	308	38.2	39.9	41.1	<b>39.7</b>
3	NIDW1149(d) (C)	312	37.9	36.4	33.5	<b>35.9</b>
4	MACS4131(d)	303	41.4	38.7	38.1	<b>39.4</b>
5	GW1368(d)	304	35.4	46.9	35.7	<b>39.3</b>
6	HI8852(d)	306	44.7	42.1	39.6	<b>42.1</b>
7	UAS484(d)	310	38.4	35.7	35.8	<b>36.6</b>
8	HI8851(d)	314	43.9	43.5	43.8	<b>43.7</b>
<b>Mean</b>			<b>39.7</b>	<b>40.1</b>	<b>38.4</b>	<b>39.4</b>

**Table 43: Grain zinc content (ppm) of *T. aestivum* and *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104	32.9	47.2	35.6	<b>38.6</b>
2	AKAW5100*	108	32.0	40.9	40.4	<b>37.8</b>
3	WH1306*	110	35.3	49.1	41.5	<b>42.0</b>
4	NWS2222*	116	38.6	38.0	36.9	<b>37.8</b>
5	DBW443*	123	40.2	49.9	44.6	<b>44.9</b>
6	GW322 (C)	118	36.8	42.8	42.6	<b>40.7</b>
7	MACS6222 (C)	122	37.8	40.5	48.8	<b>42.4</b>
8	MP1378(I) (C)	124	50.8	50.9	44.9	<b>48.9</b>
9	MACS6842	102	36.6	42.3	35.3	<b>38.1</b>
10	UAS3026	103	34.5	48.3	34.3	<b>39.0</b>
11	MACS6837	106	31.0	38.8	41.7	<b>37.2</b>
12	MACS6844	111	28.6	43.1	35.5	<b>35.7</b>
13	MP3570	117	38.2	48.2	35.8	<b>40.7</b>
14	NIAW4364	119	37.2	40.0	32.6	<b>36.6</b>
15	CG1045	121	42.2	53.0	46.5	<b>47.2</b>
<b>Mean</b>			<b>36.8</b>	<b>44.9</b>	<b>39.8</b>	<b>40.5</b>
<i>T. durum</i>						
1	HI8737(d) (C)	109	40.1	45.1	41.5	<b>42.2</b>
2	MACS3949(d) (C)	115	40.7	40.2	41.5	<b>40.8</b>
3	DDW62(d)	101	38.2	41.0	38.2	<b>39.1</b>
4	MPO1395(d)	105	31.6	45.6	41.0	<b>39.4</b>
5	HI8849(d)	107	38.3	45.7	39.5	<b>41.2</b>
6	MACS4125(d)	112	35.6	42.8	40.1	<b>39.5</b>
7	HI8850(d)	113	40.5	44.1	41.5	<b>42.0</b>
8	HI8848(d)	114	37.5	44.9	39.1	<b>40.5</b>
9	MACS4135(d)	120	36.1	48.3	39.5	<b>41.3</b>
<b>Mean</b>			<b>37.6</b>	<b>44.2</b>	<b>40.2</b>	<b>40.7</b>

**Table 43 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202	33.9	52.1	50.0	<b>45.3</b>
2	NIAW4114*	206	30.6	44.0	38.9	<b>37.8</b>
3	HI1674*	213	36.3	45.2	50.2	<b>43.9</b>
4	NIAW4120*	215	36.7	38.8	40.0	<b>38.5</b>
5	HD3090 (C)	203	35.2	47.0	39.8	<b>40.7</b>
6	HD2932 (C)	208	31.4	43.7	38.7	<b>37.9</b>
7	RAJ4083 (C)	209	39.1	53.1	47.3	<b>46.5</b>
8	HI1633 (C)	214	31.6	48.0	43.3	<b>41.0</b>
9	UAS3027	201	35.7	42.4	37.5	<b>38.5</b>
10	DBW425	204	34.1	54.9	38.1	<b>42.4</b>
11	NIAW4432	205	28.9	44.2	34.6	<b>35.9</b>
12	MACS6830	207	34.2	43.8	42.9	<b>40.3</b>
13	HI1687	210	33.2	55.2	47.5	<b>45.3</b>
14	DBW426	211	37.6	51.4	44.6	<b>44.5</b>
15	MACS6829	212	34.8	49.3	36.5	<b>40.2</b>
<b>Mean</b>			<b>34.2</b>	<b>47.5</b>	<b>42.0</b>	<b>41.3</b>
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302	36.7	40.2	33.2	<b>36.7</b>
2	NIAW3170 (C)	305	34.9	42.6	36.9	<b>38.1</b>
3	HI1665(I) (C)	309	35.9	41.3	35.7	<b>37.6</b>
4	DBW359(I) (C)	313	40.2	42.7	41.9	<b>41.6</b>
5	CG1047	301	36.0	43.1	43.8	<b>41.0</b>
6	NIAW4267	311	30.4	47.6	43.1	<b>40.4</b>
<b>Mean</b>			<b>35.7</b>	<b>42.9</b>	<b>39.1</b>	<b>39.2</b>
<i>T. durum</i>						
1	UAS446(d) (C)	307	38.2	43.1	39.3	<b>40.2</b>
2	UAS478(d)(I) (C)	308	39.8	44.1	44.0	<b>42.6</b>
3	NIDW1149(d) (C)	312	38.4	43.7	37.2	<b>39.8</b>
4	MACS4131(d)	303	45.8	44.7	38.0	<b>42.8</b>
5	GW1368(d)	304	38.2	40.0	44.1	<b>40.8</b>
6	HI8852(d)	306	39.9	46.9	42.8	<b>43.2</b>
7	UAS484(d)	310	35.2	38.7	37.9	<b>37.3</b>
8	HI8851(d)	314	41.1	44.1	41.2	<b>42.1</b>
<b>Mean</b>			<b>39.6</b>	<b>43.2</b>	<b>40.6</b>	<b>41.1</b>

**Table 44: Yellow berry (%) of *T. durum* genotypes in Peninsular Zone (PZ) AVTs**

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	PBW891*	104				
2	AKAW5100*	108				
3	WH1306*	110				
4	NWS2222*	116				
5	DBW443*	123				
6	GW322 (C)	118				
7	MACS6222 (C)	122				
8	MP1378(I) (C)	124				
9	MACS6842	102				
10	UAS3026	103				
11	MACS6837	106				
12	MACS6844	111				
13	MP3570	117				
14	NIAW4364	119				
15	CG1045	121				
<b>Mean</b>						
<i>T. durum</i>						
1	HI8737(d) (C)	109	10.0	10.0	50.0	<b>23.3</b>
2	MACS3949(d) (C)	115	0.0	0.0	10.0	<b>3.3</b>
3	DDW62(d)	101	0.0	20.0	10.0	<b>10.0</b>
4	MPO1395(d)	105	10.0	10.0	20.0	<b>13.3</b>
5	HI8849(d)	107	20.0	40.0	60.0	<b>40.0</b>
6	MACS4125(d)	112	10.0	10.0	30.0	<b>16.7</b>
7	HI8850(d)	113	0.0	0.0	10.0	<b>3.3</b>
8	HI8848(d)	114	0.0	10.0	20.0	<b>10.0</b>
9	MACS4135(d)	120	40.0	20.0	40.0	<b>33.3</b>
<b>Mean</b>			<b>10.0</b>	<b>13.3</b>	<b>27.8</b>	<b>17.0</b>



**Table 44 cont.**

<b>Irrigated, late sown</b>						
<i>T. aestivum</i>						
1	LOK79*	202				
2	NIAW4114*	206				
3	HI1674*	213				
4	NIAW4120*	215				
5	HD3090 (C)	203				
6	HD2932 (C)	208				
7	RAJ4083 (C)	209				
8	HI1633 (C)	214				
9	UAS3027	201				
10	DBW425	204				
11	NIAW4432	205				
12	MACS6830	207				
13	HI1687	210				
14	DBW426	211				
15	MACS6829	212				
<b>Mean</b>						
<b>Restricted Irrigated, timely sown</b>						
<i>T. aestivum</i>						
1	HI1605 (C)	302				
2	NIAW3170 (C)	305				
3	HI1665(I) (C)	309				
4	DBW359(I) (C)	313				
5	CG1047	301				
6	NIAW4267	311				
<b>Mean</b>						
<i>T. durum</i>						
1	UAS446(d) (C)	307	0.0	0.0	0.0	<b>0.0</b>
2	UAS478(d)(I) (C)	308	0.0	10.0	10.0	<b>6.7</b>
3	NIDW1149(d) (C)	312	10.0	10.0	10.0	<b>10.0</b>
4	MACS4131(d)	303	0.0	0.0	0.0	<b>0.0</b>
5	GW1368(d)	304	0.0	0.0	0.0	<b>0.0</b>
6	HI8852(d)	306	0.0	0.0	0.0	<b>0.0</b>
7	UAS484(d)	310	0.0	0.0	0.0	<b>0.0</b>
8	HI8851(d)	314	0.0	0.0	0.0	<b>0.0</b>
<b>Mean</b>			<b>1.3</b>	<b>2.5</b>	<b>2.1</b>	<b>2.1</b>

**Table 45: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes of NHZ AVTs**

S. No.	Entries	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
<b>Rainfed, Timely Sown</b>						
1	HS562 (C)	101	5+10	1	17+18	10
2	VL907 (C)	102	5+10	1	17+18	10
3	VL2041 (C)	104	2+12	N	7+9	5
4	HPW349 (C)	105	5+10	1	7	8

**Table 46: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes in North Western Plains Zone AVTs**

S. No.	Varieties	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
<b>Irrigated, timely sown</b>						
1	HI1668*	104	2+12	2*	7+8	8
2	HD3471M*	108	5+10	2*	17+18	10
3	DBW386*	109	2+12	2*	7+9	7
4	PBW725 (C)	101	5+10	1	7	8
5	DBW88 (C)	103	5+10	2*	17+18	10
6	HD2967 (C)	106	5+10	2*	17+18	10
7	HD3086 (C)	110	5+10	1	17+18	10
8	DBW187 (C)	111	5+10	2*	17+18	10
9	DBW222 (C)	112	5+10	2*	17+18	10
10	HD3386(I) (C)	115	2+ 12	2 *	7+ 8	8
11	PBW826 (C)	116	2+ 12	2 *	7+ 8	8
<b>Irrigated, late sown</b>						
1	HD3428*	202	5+10	1	17+18	10
2	HD3059 (C)	205	5+10	2*	17+18	10
3	PBW771 (C)	206	5+10	N	7+9	7
4	JKW261 (C)	207	5+10	N	7	6
5	DBW173 (C)	212	5+10	2*	17+18	10

**Table 47: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes in North Eastern Plains Zone AVTs**

S. No.	Varieties	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
<b>Irrigated, timely sown</b>						
1	DBW386*	112	2+12	2*	7+9	7
2	DBW222 (C)	105	5+10	2*	17+18	10
3	PBW826 (C)	106	2+ 12	2 *	7+ 8	8
4	HD3388(I) (C)	107	5+10	2 *	7+ 9	9
5	HD3249 (C)	113	5+10	N	17+18	8
6	DBW187 (C)	117	5+10	2*	17+18	10

**Table 48: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes in Central Zone AVTs**

S. No.	Entries	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
<b>Irrigated, timely sown</b>						
1	HI1669*	112	2+12	2*	17+18	8
2	GW547(I) (C)	101	2+12	2*	7+8	8
3	HI1650 (C)	115	2+12	2*	7+9	7
4	MACS6768 (C)	116	2+12	2*	7+9	7
5	GW322 (C)	118	2+12	2*	7+8	8
<b>Irrigated, late sown</b>						
1	HI1674*	206	2+12	2*	17+18	8
2	HI1634 (C)	203	5+10	2 *	7	8
3	MP4010 (C)	204	5+10	2 *	7	8
4	HD2932 (C)	207	2+12	2*	17+18	8
5	CG1029 (C)	208	2+12	2*	7+8	8
<b>Restricted Irrigation, Timely Sown</b>						
1	DBW441M*	312	2+12	2*	17+18	8
2	CG1040(I) (C)	301	2+12	2*	7+8	8
3	DBW110 (C)	302	5+10	1	7	8
4	CG1036 (C)	304	2+12	2*	7	6
5	HI1655 (C)	306	2+12	2*	7	6
6	DBW359(I) (C)	317	5+10	2*	7+8	10

**Table 49: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes in Peninsular Zone AVTs**

S. No.	Entries	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
<b>Irrigated, timely sown</b>						
1	PBW891*	104	5+10	2*	17+18	<b>10</b>
2	AKAW5100*	108	2+12	2*	17+18	<b>8</b>
3	WH1306*	110	5+10	2*	17+18	<b>10</b>
4	NWS2222*	116	2+12	2*	17+18	<b>8</b>
5	DBW443*	123	2+12	1	7+9	<b>7</b>
6	GW322 (C)	118	2+12	2*	7+8	8
7	MACS6222 (C)	122	2+12	2*	7+9	7
8	MP1378(I) (C)	124	2+12	2*	7+9	7
<b>Irrigated, late sown</b>						
1	LOK79*	202	2+12	2*	17+18	<b>8</b>
2	NIAW4114*	206	2+12	2*	17+18	<b>8</b>
3	HI1674*	213	2+12	2*	17+18	<b>8</b>
4	NIAW4120*	215	5+10	2*	17+18	<b>10</b>
5	HD3090 (C)	203	5+10	1	7	<b>8</b>
6	HD2932 (C)	208	2+12	2*	17+18	8
7	RAJ4083 (C)	209	5+10	1	7+8	<b>10</b>
8	HI1633 (C)	214	5+10	2*	7	<b>8</b>

**Table 50: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
1	DBW371 (C)	101	2+12	2*	7+9	7
2	PBW872 (C)	102	2+12	2*	7+8	8
3	DBW372 (C)	103	2+12	2*	7	6
4	DBW327 (C)	104	5+10	N	7+9	7
5	DBW187 (C)	105	5+10	2*	17+18	10

**Table 51: High Molecular weight Glutenin Subunits of *T. aestivum* genotypes in Central Zone HYPTs**

S. No.	Entries	Code	Glu-D1	Glu-A1	Glu-B1	Glu-1 Score
1	CG1044*	201	2+12	2*	7+8	8
2	GW543*	208	2+12	2*	7+9	7
3	DBW377(I) (C)	202	2+12	2*	7+8	8
4	DBW187 (C)	206	5+10	2*	17+18	10
5	GW322 (C)	211	2+12	2*	7+8	8
6	DBW327(I) (C)	214	5+10	N	7+9	7
7	DBW303 (C)	216	5+10	2*	7	8

# **HYPTs**

**Table 52: Grain appearance score (Max-10) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	7.4	6.8	6.2	5.8	<b>6.6</b>
2	PBW872 (C)	102	7.2	6.8	6.4	6.6	<b>6.8</b>
3	DBW372 (C)	103	5.6	6.2	6.0	5.8	<b>5.9</b>
4	DBW327 (C)	104	6.8	6.6	6.4	6.2	<b>6.5</b>
5	DBW187 (C)	105	6.4	6.6	6.4	5.8	<b>6.3</b>
6	DBW438	106	6.6	6.4	6.2	5.2	<b>6.1</b>
<b>Mean</b>			<b>6.7</b>	<b>6.6</b>	<b>6.3</b>	<b>5.9</b>	<b>6.4</b>

**Table 53: Hectolitre weight (Kg/hl) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	82.7	82.0	81.2	78.9	<b>81.2</b>
2	PBW872 (C)	102	82.7	81.9	82.1	80.7	<b>81.9</b>
3	DBW372 (C)	103	82.0	82.6	80.8	78.7	<b>81.0</b>
4	DBW327 (C)	104	82.9	82.5	81.9	80.3	<b>81.9</b>
5	DBW187 (C)	105	80.9	80.5	80.7	77.6	<b>79.9</b>
6	DBW438	106	81.7	81.3	79.9	75.2	<b>79.5</b>
<b>Mean</b>			<b>82.2</b>	<b>81.8</b>	<b>81.1</b>	<b>78.6</b>	<b>80.9</b>

**Table 54: Protein content (%) at 12% moisture basis of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	10.2	12.1	10.4	12.5	<b>11.3</b>
2	PBW872 (C)	102	10.3	11.2	9.8	12.5	<b>10.9</b>
3	DBW372 (C)	103	11.2	12.0	10.5	12.5	<b>11.5</b>
4	DBW327 (C)	104	10.4	11.3	10.0	12.5	<b>11.0</b>
5	DBW187 (C)	105	10.7	12.8	10.2	13.3	<b>11.7</b>
6	DBW438	106	10.6	12.6	9.5	13.4	<b>11.5</b>
<b>Mean</b>			<b>10.6</b>	<b>12.0</b>	<b>10.1</b>	<b>12.8</b>	<b>11.3</b>

**Table 55: Sedimentation value (ml) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	46	49	47	50	<b>48</b>
2	PBW872 (C)	102	53	46	45	47	<b>48</b>
3	DBW372 (C)	103	46	49	48	52	<b>49</b>
4	DBW327 (C)	104	46	49	45	46	<b>47</b>
5	DBW187 (C)	105	53	57	51	61	<b>55</b>
6	DBW438	106	50	55	47	53	<b>51</b>
<b>Mean</b>			<b>49</b>	<b>51</b>	<b>47</b>	<b>51</b>	<b>50</b>

**Table 56: Hardness index of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101				77.9	<b>77.9</b>
2	PBW872 (C)	102				76.8	<b>76.8</b>
3	DBW372 (C)	103				84.7	<b>84.7</b>
4	DBW327 (C)	104				77.1	<b>77.1</b>
5	DBW187 (C)	105				76.0	<b>76.0</b>
6	DBW438	106				77.1	<b>77.1</b>
<b>Mean</b>						<b>78.3</b>	<b>78.3</b>

**Table 57: Phenol test score (Max-10) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	6.0	5.0	5.5	5.0	<b>5.4</b>
2	PBW872 (C)	102	7.5	7.0	7.5	7.5	<b>7.4</b>
3	DBW372 (C)	103	7.5	7.5	8.0	8.0	<b>7.8</b>
4	DBW327 (C)	104	7.5	8.0	7.5	7.5	<b>7.6</b>
5	DBW187 (C)	105	8.0	8.0	8.0	8.5	<b>8.1</b>
6	DBW438	106	8.0	8.0	8.5	8.5	<b>8.3</b>
<b>Mean</b>			<b>7.4</b>	<b>7.3</b>	<b>7.5</b>	<b>7.5</b>	<b>7.4</b>

**Table 58: Grain iron content (ppm) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	36.2	40.2	39.4	42.9	<b>39.7</b>
2	PBW872 (C)	102	36.7	37.8	43.3	41.8	<b>39.9</b>
3	DBW372 (C)	103	34.6	36.3	38.1	42.0	<b>37.8</b>
4	DBW327 (C)	104	40.3	36.3	40.4	43.5	<b>40.1</b>
5	DBW187 (C)	105	34.5	38.8	35.7	42.6	<b>37.9</b>
6	DBW438	106	40.7	38.3	40.1	39.5	<b>39.7</b>
<b>Mean</b>			<b>37.2</b>	<b>38.0</b>	<b>39.5</b>	<b>42.1</b>	<b>39.2</b>

**Table 59: Grain zinc content (ppm) of *T. aestivum* genotypes of HYPT NWPZ trial**

S. No.	Entries	Code	Ludhiana	Delhi	Hisar	Karnal	Mean
1	DBW371 (C)	101	31.1	49.3	29.1	31.0	<b>35.1</b>
2	PBW872 (C)	102	39.4	43.6	36.7	33.0	<b>38.2</b>
3	DBW372 (C)	103	40.0	47.8	34.4	30.5	<b>38.2</b>
4	DBW327 (C)	104	40.6	46.6	37.4	31.9	<b>39.1</b>
5	DBW187 (C)	105	39.3	47.8	31.0	30.5	<b>37.2</b>
6	DBW438	106	45.0	32.4	38.0	30.5	<b>36.5</b>
<b>Mean</b>			<b>39.2</b>	<b>44.6</b>	<b>34.4</b>	<b>31.2</b>	<b>37.4</b>

**Table 46: Grain appearance score (Max-10) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	7.6	6.8	6.8	7.4	<b>7.2</b>
2	GW543*	208	6.8	6.8	7.4	7.4	<b>7.1</b>
3	DBW377(I) (C)	202	6.8	6.6	6.0	6.8	<b>6.6</b>
4	DBW187 (C)	206	6.6	6.6	6.8	7.2	<b>6.8</b>
5	GW322 (C)	211	6.2	6.4	6.6	6.6	<b>6.5</b>
6	DBW327(I) (C)	214	6.8	6.8	7.0	7.6	<b>7.1</b>
7	DBW303 (C)	216	6.8	6.6	6.6	6.8	<b>6.7</b>
8	MP1399	203	7.4	6.2	7.2	7.4	<b>7.1</b>
9	WH1320	204	6.8	6.8	7.2	7.0	<b>7.0</b>
10	HD3461	205	7.2	6.6	6.8	7.2	<b>7.0</b>
11	DBW434	207	6.6	6.6	7.0	7.2	<b>6.9</b>
12	PBW906	209	7.8	7.0	6.8	7.6	<b>7.3</b>
13	HD3463	210	7.0	6.6	6.6	6.8	<b>6.8</b>
14	PBW929	212	7.0	6.8	6.6	7.4	<b>7.0</b>
15	DBW445	213	7.2	5.8	5.4	6.8	<b>6.3</b>
16	DBW436	215	7.0	6.6	6.8	7.2	<b>6.9</b>
<b>Mean</b>			<b>7.0</b>	<b>6.6</b>	<b>6.7</b>	<b>7.2</b>	<b>6.9</b>

**Table 61: Hectolitre weight (Kg/hl) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	80.5	81.2	82.9	81.6	<b>81.6</b>
2	GW543*	208	80.2	81.1	83.2	83.2	<b>81.9</b>
3	DBW377(I) (C)	202	78.6	80.0	80.4	79.7	<b>79.7</b>
4	DBW187 (C)	206	79.7	81.2	82.5	82.5	<b>81.5</b>
5	GW322 (C)	211	79.6	80.9	82.1	81.9	<b>81.1</b>
6	DBW327(I) (C)	214	81.3	82.2	82.9	83.6	<b>82.5</b>
7	DBW303 (C)	216	81.7	82.9	83.7	83.2	<b>82.9</b>
8	MP1399	203	81.2	81.8	83.2	83.5	<b>82.4</b>
9	WH1320	204	81.8	82.5	82.8	83.0	<b>82.5</b>
10	HD3461	205	79.4	79.7	79.7	78.6	<b>79.4</b>
11	DBW434	207	81.7	82.3	84.0	84.0	<b>83.0</b>
12	PBW906	209	82.2	83.3	82.9	83.0	<b>82.9</b>
13	HD3463	210	79.3	79.3	79.9	78.2	<b>79.2</b>
14	PBW929	212	80.1	80.3	81.9	81.0	<b>80.8</b>
15	DBW445	213	79.2	76.6	76.6	80.2	<b>78.2</b>
16	DBW436	215	82.2	82.5	83.5	84.5	<b>83.2</b>
<b>Mean</b>			<b>80.5</b>	<b>81.1</b>	<b>82.0</b>	<b>82.0</b>	<b>81.4</b>



**Table 62: Protein content (%) at 12% moisture basis of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	11.6	12.0	10.4	11.0	<b>11.3</b>
2	GW543*	208	11.3	12.0	11.2	12.3	<b>11.7</b>
3	DBW377(I) (C)	202	12.2	12.8	12.4	12.1	<b>12.4</b>
4	DBW187 (C)	206	12.6	13.7	11.3	11.4	<b>12.2</b>
5	GW322 (C)	211	10.9	11.4	10.5	10.6	<b>10.9</b>
6	DBW327(I) (C)	214	11.6	11.9	10.8	11.2	<b>11.3</b>
7	DBW303 (C)	216	12.3	12.5	11.0	12.2	<b>12.0</b>
8	MP1399	203	11.8	12.3	11.7	11.3	<b>11.8</b>
9	WH1320	204	12.1	12.6	12.6	10.7	<b>12.0</b>
10	HD3461	205	11.4	12.1	10.8	11.0	<b>11.3</b>
11	DBW434	207	13.3	13.2	12.0	12.3	<b>12.7</b>
12	PBW906	209	11.2	11.9	11.4	11.3	<b>11.4</b>
13	HD3463	210	11.1	12.1	11.1	11.4	<b>11.4</b>
14	PBW929	212	12.1	12.4	11.3	11.6	<b>11.9</b>
15	DBW445	213	12.2	14.7	12.5	9.5	<b>12.2</b>
16	DBW436	215	12.8	12.5	11.4	11.8	<b>12.1</b>
<b>Mean</b>			<b>11.9</b>	<b>12.5</b>	<b>11.4</b>	<b>11.3</b>	<b>11.8</b>

**Table 63: Sedimentation value (ml) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	50	52	53	52	<b>52</b>
2	GW543*	208	52	58	53	46	<b>52</b>
3	DBW377(I) (C)	202	54	58	58	54	<b>56</b>
4	DBW187 (C)	206	62	64	62	57	<b>61</b>
5	GW322 (C)	211	43	58	43	38	<b>45</b>
6	DBW327(I) (C)	214	56	50	52	49	<b>51</b>
7	DBW303 (C)	216	59	52	49	53	<b>53</b>
8	MP1399	203	47	54	56	48	<b>51</b>
9	WH1320	204	60	59	67	56	<b>61</b>
10	HD3461	205	54	53	57	51	<b>54</b>
11	DBW434	207	60	58	65	55	<b>60</b>
12	PBW906	209	52	55	58	49	<b>54</b>
13	HD3463	210	54	57	55	49	<b>54</b>
14	PBW929	212	55	43	58	47	<b>51</b>
15	DBW445	213	55	53	50	43	<b>50</b>
16	DBW436	215	56	56	57	53	<b>55</b>
<b>Mean</b>			<b>54</b>	<b>55</b>	<b>56</b>	<b>50</b>	<b>54</b>

**Table 64: Hardness index of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201		85.3			<b>85.3</b>
2	GW543*	208		76.7			<b>76.7</b>
3	DBW377(I) (C)	202		76.6			<b>76.6</b>
4	DBW187 (C)	206		80.1			<b>80.1</b>
5	GW322 (C)	211		86.0			<b>86.0</b>
6	DBW327(I) (C)	214		76.6			<b>76.6</b>
7	DBW303 (C)	216		80.3			<b>80.3</b>
8	MP1399	203		79.2			<b>79.2</b>
9	WH1320	204		83.1			<b>83.1</b>
10	HD3461	205		84.3			<b>84.3</b>
11	DBW434	207		77.3			<b>77.3</b>
12	PBW906	209		84.7			<b>84.7</b>
13	HD3463	210		79.8			<b>79.8</b>
14	PBW929	212		83.8			<b>83.8</b>
15	DBW445	213		29.7			<b>29.7</b>
16	DBW436	215		86.4			<b>86.4</b>
<b>Mean</b>				<b>78.1</b>			<b>78.1</b>

**Table 65: Phenol test score (Max-10) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	9.0	8.5	8.0	7.0	<b>8.1</b>
2	GW543*	208	6.0	5.0	6.0	5.5	<b>5.6</b>
3	DBW377(I) (C)	202	9.0	9.0	8.5	7.5	<b>8.5</b>
4	DBW187 (C)	206	8.5	8.5	8.0	8.5	<b>8.4</b>
5	GW322 (C)	211	7.5	8.0	7.0	7.5	<b>7.5</b>
6	DBW327(I) (C)	214	8.0	9.0	7.5	7.0	<b>7.9</b>
7	DBW303 (C)	216	8.0	7.5	7.5	7.0	<b>7.5</b>
8	MP1399	203	5.5	5.5	6.0	5.5	<b>5.6</b>
9	WH1320	204	8.5	8.0	8.0	7.5	<b>8.0</b>
10	HD3461	205	8.5	8.0	7.0	6.5	<b>7.5</b>
11	DBW434	207	9.0	9.5	8.0	8.0	<b>8.6</b>
12	PBW906	209	8.5	7.0	7.5	7.0	<b>7.5</b>
13	HD3463	210	8.5	7.5	7.5	7.0	<b>7.6</b>
14	PBW929	212	6.5	6.5	6.0	5.5	<b>6.1</b>
15	DBW445	213	7.5	8.0	7.5	6.5	<b>7.4</b>
16	DBW436	215	8.5	8.0	7.5	7.0	<b>7.8</b>
<b>Mean</b>			<b>7.9</b>	<b>7.7</b>	<b>7.3</b>	<b>6.9</b>	<b>7.5</b>

**Table 66: Grain iron content (ppm) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	36.4	38.0	46.3	39.4	<b>40.0</b>
2	GW543*	208	36.7	32.7	41.6	44.0	<b>38.8</b>
3	DBW377(I) (C)	202	34.2	40.9	46.9	39.8	<b>40.5</b>
4	DBW187 (C)	206	35.2	39.5	41.0	39.8	<b>38.9</b>
5	GW322 (C)	211	29.5	38.5	41.9	32.2	<b>35.5</b>
6	DBW327(I) (C)	214	37.7	43.0	43.5	39.1	<b>40.8</b>
7	DBW303 (C)	216	36.1	35.8	35.8	43.2	<b>37.7</b>
8	MP1399	203	34.5	38.7	45.3	42.1	<b>40.2</b>
9	WH1320	204	31.0	40.0	45.9	35.1	<b>38.0</b>
10	HD3461	205	30.8	35.8	44.5	35.8	<b>36.7</b>
11	DBW434	207	37.5	37.4	45.8	36.5	<b>39.3</b>
12	PBW906	209	34.4	41.4	49.1	43.1	<b>42.0</b>
13	HD3463	210	34.3	40.7	44.3	35.4	<b>38.7</b>
14	PBW929	212	30.2	38.5	43.9	34.0	<b>36.7</b>
15	DBW445	213	34.7	39.8	39.7	32.4	<b>36.7</b>
16	DBW436	215	31.9	41.2	44.2	43.3	<b>40.2</b>
<b>Mean</b>			<b>34.1</b>	<b>38.9</b>	<b>43.7</b>	<b>38.5</b>	<b>38.8</b>

**Table 67: Grain zinc content (ppm) of *T. aestivum* genotypes of HYPT CZ trial**

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
1	CG1044*	201	41.1	31.8	34.2	39.0	<b>36.5</b>
2	GW543*	208	41.0	29.4	32.7	47.1	<b>37.6</b>
3	DBW377(I) (C)	202	34.8	37.6	34.2	37.3	<b>36.0</b>
4	DBW187 (C)	206	33.1	38.3	31.0	33.6	<b>34.0</b>
5	GW322 (C)	211	36.3	38.6	41.0	35.1	<b>37.8</b>
6	DBW327(I) (C)	214	41.7	32.2	29.3	35.7	<b>34.7</b>
7	DBW303 (C)	216	39.3	36.7	32.2	41.0	<b>37.3</b>
8	MP1399	203	37.1	40.1	34.4	39.7	<b>37.8</b>
9	WH1320	204	34.4	36.2	37.0	38.2	<b>36.5</b>
10	HD3461	205	32.6	28.5	32.0	29.6	<b>30.7</b>
11	DBW434	207	39.0	36.2	31.8	32.4	<b>34.9</b>
12	PBW906	209	35.3	34.6	35.7	37.4	<b>35.8</b>
13	HD3463	210	32.0	34.7	29.2	31.1	<b>31.8</b>
14	PBW929	212	39.4	35.4	34.0	34.1	<b>35.7</b>
15	DBW445	213	38.1	36.5	30.0	32.3	<b>34.2</b>
16	DBW436	215	35.2	39.5	31.1	40.3	<b>36.5</b>
<b>Mean</b>			<b>36.9</b>	<b>35.4</b>	<b>33.1</b>	<b>36.5</b>	<b>35.5</b>

# **Wheat product evaluation**

**Table 68: Chapati score (max. 10) of *T. aestivum* genotypes in AVTs**

**North Western Plain Zone**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	6.8	7.8	7.0	7.1	8.0	8.5	<b>7.5</b>
2	HD3471M*	108	7.5	7.3	7.9	7.8	8	7.8	<b>7.7</b>
3	DBW386*	109	7.8	7.7	8.3	6.7	7.9	7.5	<b>7.6</b>
4	PBW725 (C)	101	8.2	8.0	7.7	8.0	7.9	7.3	<b>7.8</b>
5	DBW88 (C)	103	8.5	7.8	7.9	7.5	7.8	7.5	<b>7.8</b>
6	HD2967 (C)	106	7.7	8.3	6.8	6.9	8.0	7.4	<b>7.5</b>
7	HD3086 (C)	110	7.9	7.9	7.6	7.1	8.3	8.4	<b>7.8</b>
8	DBW187 (C)	111	7.8	7.6	8.2	8.0	7.9	8.3	<b>8.0</b>
9	DBW222 (C)	112	7.6	8.1	7.8	8.0	8.1	8.4	<b>8.0</b>
10	PBW826 (C)	116	8.2	7.8	8.0	7.7	7.8	7.7	<b>7.9</b>
11	HD3386(I) (C)	115	7.4	8.3	8.4	7.8	8.3	7.6	<b>7.9</b>
<b>Mean</b>			<b>7.8</b>	<b>7.9</b>	<b>7.8</b>	<b>7.5</b>	<b>8.0</b>	<b>7.9</b>	<b>7.8</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	7.8	7.9	8.4	7.9	8.3	8.3	<b>8.1</b>
2	HD3059 (C)	205	7.2	7.8	8.3	7.6	8.2	7.9	<b>7.8</b>
3	PBW771 (C)	206	8.1	7.9	7.8	6.3	7.7	8.0	<b>7.6</b>
4	JKW261 (C)	207	8.1	7.4	7.6	8.1	7.9	6.6	<b>7.6</b>
5	DBW173 (C)	212	8.2	6.9	8.3	7.4	8.0	6.3	<b>7.5</b>
<b>Mean</b>			<b>7.9</b>	<b>7.6</b>	<b>8.1</b>	<b>7.5</b>	<b>8.0</b>	<b>7.4</b>	<b>7.7</b>

**North Eastern Plain Zone**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	7.8	7.7	7.9	8.0	<b>7.8</b>
2	DBW222 (C)	105	7.8	7.8	8.0	7.8	<b>7.8</b>
3	PBW826 (C)	106	8.0	7.9	7.7	7.9	<b>7.8</b>
4	HD3249 (C)	113	8.2	7.9	7.9	8.1	<b>8.0</b>
5	DBW187 (C)	117	8.0	8.0	8.3	7.8	<b>8.0</b>
6	HD3388(I) (C)	107	7.9	7.5	7.8	7.9	<b>7.8</b>
<b>Mean</b>			<b>7.9</b>	<b>7.8</b>	<b>7.9</b>	<b>7.9</b>	<b>7.9</b>

### Central Zone

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	8.4	8.2	7.3	7.6	<b>7.9</b>
2	HI1650 (C)	115	8.2	8.0	8.3	8.0	<b>8.1</b>
3	MACS6768 (C)	116	7.6	6.8	7.3	7.0	<b>7.2</b>
4	GW322 (C)	118	7.9	7.5	7.5	7.6	<b>7.6</b>
5	GW547(I) (C)	101	8.3	7.5	7.4	7.0	<b>7.5</b>
<b>Mean</b>			<b>8.1</b>	<b>7.6</b>	<b>7.5</b>	<b>7.4</b>	<b>7.6</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	7.3	7.4	7.5	7.2	<b>7.3</b>
2	HI1634 (C)	203	7.9	7.4	8.2	7.6	<b>7.8</b>
3	MP4010 (C)	204	7.8	6.7	8.0	7.9	<b>7.6</b>
4	HD2932 (C)	207	7.3	7.1	8.3	7.5	<b>7.5</b>
5	CG1029 (C)	208	7.6	7.2	8.2	7.9	<b>7.7</b>
<b>Mean</b>			<b>7.6</b>	<b>7.1</b>	<b>8.0</b>	<b>7.6</b>	<b>7.6</b>
<b>Restricted Irrigation, Timely Sown</b>							
1	DBW441M*	312	7.8	8.2	8.1	7.9	<b>8.0</b>
2	DBW110 (C)	302	7.9	8.3	8.2	7.9	<b>8.0</b>
3	CG1036 (C)	304	7.9	7.7	8.0	7.6	<b>7.8</b>
4	HI1655 (C)	306	7.7	8.1	7.4	7.1	<b>7.6</b>
5	CG1040(I) (C)	301	7.6	8.0	8.1	7.8	<b>7.9</b>
6	DBW359(I) (C)	317	7.3	8.3	7.8	7.8	<b>7.8</b>
<b>Mean</b>			<b>7.7</b>	<b>8.1</b>	<b>7.9</b>	<b>7.7</b>	<b>7.8</b>

### Peninsular Zone

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	7.9	7.4	7.5	<b>7.6</b>
2	AKAW5100*	108	8.2	7.7	7.8	<b>7.9</b>
3	WH1306*	110	8.3	8.1	7.7	<b>8.0</b>
4	NWS2222*	116	8.2	8.0	8.1	<b>8.1</b>
5	DBW443*	123	6.6	7.2	7.7	<b>7.1</b>
6	GW322 (C)	118	8.3	8.1	7.3	<b>7.9</b>
7	MACS6222 (C)	122	7.5	8.0	7.9	<b>7.8</b>
8	MP1378(I) (C)	124	7.6	8.0	7.4	<b>7.7</b>
<b>Mean</b>			<b>7.8</b>	<b>7.8</b>	<b>7.6</b>	<b>7.7</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	7.8	8.0	7.1	<b>7.6</b>
2	NIAW4114*	206	8.2	7.8	8.3	<b>8.1</b>
3	HI1674*	213	7.5	7.9	7.2	<b>7.5</b>
4	NIAW4120*	215	7.9	7.8	8.3	<b>8.0</b>
5	HD3090 (C)	203	6.9	8.2	8.1	<b>7.7</b>
6	HD2932 (C)	208	8.2	7.3	7.8	<b>7.7</b>
7	RAJ4083 (C)	209	8.3	7.9	7.8	<b>8.0</b>
8	HI1633 (C)	214	8.3	7.6	8.2	<b>8.0</b>
<b>Mean</b>			<b>7.8</b>	<b>7.8</b>	<b>7.8</b>	<b>7.8</b>

**Table 69: Bread loaf volume (cc) of *T. aestivum* genotypes in AVTs****North Western Plain Zone**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	475	565	590	480	500	475	<b>514</b>
2	HD3471M*	108	500	615	625	565	645	600	<b>592</b>
3	DBW386*	109	480	585	550	530	605	535	<b>548</b>
4	PBW725 (C)	101	525	580	580	545	635	525	<b>565</b>
5	DBW88 (C)	103	505	615	625	505	650	560	<b>577</b>
6	HD2967 (C)	106	590	605	475	585	635	550	<b>573</b>
7	HD3086 (C)	110	420	625	550	470	625	555	<b>541</b>
8	DBW187 (C)	111	495	620	570	495	625	515	<b>553</b>
9	DBW222 (C)	112	570	610	615	550	665	605	<b>603</b>
10	PBW826 (C)	116	475	500	520	470	590	495	<b>508</b>
11	HD3386(I) (C)	115	475	495	530	445	595	510	<b>508</b>
<b>Mean</b>			<b>501</b>	<b>583</b>	<b>566</b>	<b>513</b>	<b>615</b>	<b>539</b>	<b>553</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	555	535	505	565	580	615	<b>559</b>
2	HD3059 (C)	205	550	520	525	620	625	580	<b>570</b>
3	PBW771 (C)	206	455	420	415	490	505	405	<b>448</b>
4	JKW261 (C)	207	620	600	595	575	595	620	<b>601</b>
5	DBW173 (C)	212	585	595	640	615	605	615	<b>609</b>
<b>Mean</b>			<b>553</b>	<b>534</b>	<b>536</b>	<b>573</b>	<b>582</b>	<b>567</b>	<b>558</b>

**North Eastern Plain Zone**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	530	625	510	595	565
2	DBW222 (C)	105	495	670	600	625	598
3	PBW826 (C)	106	575	650	495	590	578
4	HD3249 (C)	113	530	690	525	635	595
5	DBW187 (C)	117	485	685	525	645	585
6	HD3388(I) (C)	107	525	660	575	635	599
<b>Mean</b>			<b>523</b>	<b>663</b>	<b>538</b>	<b>621</b>	<b>586</b>

### Central Zone

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	565	555	555	645	<b>580</b>
2	HI1650 (C)	115	550	600	585	525	<b>565</b>
3	MACS6768 (C)	116	450	510	530	510	<b>500</b>
4	GW322 (C)	118	535	505	525	545	<b>528</b>
5	GW547(I) (C)	101	630	645	680	670	<b>656</b>
<b>Mean</b>			<b>546</b>	<b>563</b>	<b>575</b>	<b>579</b>	<b>566</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	520	505	505	525	<b>514</b>
2	HI1634 (C)	203	555	615	575	615	<b>590</b>
3	MP4010 (C)	204	530	535	525	600	<b>548</b>
4	HD2932 (C)	207	530	545	550	575	<b>550</b>
5	CG1029 (C)	208	510	495	465	495	<b>491</b>
<b>Mean</b>			<b>529</b>	<b>539</b>	<b>524</b>	<b>562</b>	<b>539</b>
<b>Restricted Irrigation, Timely Sown</b>							
1	DBW441M*	312	625	610	540	600	<b>594</b>
2	DBW110 (C)	302	595	620	560	500	<b>569</b>
3	CG1036 (C)	304	435	445	360	485	<b>431</b>
4	HI1655 (C)	306	440	445	365	430	<b>420</b>
5	CG1040(I) (C)	301	595	610	605	605	<b>604</b>
6	DBW359(I) (C)	317	530	660	475	525	<b>548</b>
<b>Mean</b>			<b>537</b>	<b>565</b>	<b>484</b>	<b>524</b>	<b>528</b>

### Peninsular Zone

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	625	630	575	<b>610</b>
2	AKAW5100*	108	630	610	585	<b>608</b>
3	WH1306*	110	590	590	575	<b>585</b>
4	NWS2222*	116	585	600	560	<b>582</b>
5	DBW443*	123	545	650	495	<b>563</b>
6	GW322 (C)	118	595	545	545	<b>562</b>
7	MACS6222 (C)	122	525	530	545	<b>533</b>
8	MP1378(I) (C)	124	650	625	585	<b>620</b>
<b>Mean</b>			<b>593</b>	<b>598</b>	<b>558</b>	<b>583</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	500	475	470	<b>482</b>
2	NIAW4114*	206	560	520	580	<b>553</b>
3	HI1674*	213	540	515	530	<b>528</b>
4	NIAW4120*	215	540	500	545	<b>528</b>
5	HD3090 (C)	203	665	630	570	<b>622</b>
6	HD2932 (C)	208	580	580	560	<b>573</b>
7	RAJ4083 (C)	209	615	585	565	<b>588</b>
8	HI1633 (C)	214	610	525	560	<b>565</b>
<b>Mean</b>			<b>576</b>	<b>541</b>	<b>548</b>	<b>555</b>



**Table 70: Bread quality score (max. 10) of *T. aestivum* genotypes in AVTs**

**North Western Plain Zone**

S. No.	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	5.2	7.8	7.8	5.1	6.2	5.7	<b>6.3</b>
2	HD3471M*	108	5.5	7.8	8.4	7.5	8.6	7.6	<b>7.6</b>
3	DBW386*	109	5.4	7.1	6.6	6.4	7.5	6.7	<b>6.6</b>
4	PBW725 (C)	101	6.3	7.3	7.7	6.2	8.3	7.0	<b>7.1</b>
5	DBW88 (C)	103	5.9	7.5	8.0	5.5	8.7	7.0	<b>7.1</b>
6	HD2967 (C)	106	7.3	7.9	4.9	7.8	7.5	7.3	<b>7.1</b>
7	HD3086 (C)	110	4.5	8.6	6.2	5.5	7.8	7.5	<b>6.7</b>
8	DBW187 (C)	111	5.3	8.1	6.5	5.6	7.9	6.6	<b>6.7</b>
9	DBW222 (C)	112	6.6	7.7	7.2	7.0	8.6	7.5	<b>7.4</b>
10	PBW826 (C)	116	5.5	6.1	5.9	5.7	7.6	5.6	<b>6.1</b>
11	HD3386(I) (C)	115	5.5	6.0	6.1	5.3	8.2	6.5	<b>6.3</b>
<b>Mean</b>			<b>5.7</b>	<b>7.4</b>	<b>6.8</b>	<b>6.1</b>	<b>7.9</b>	<b>6.8</b>	<b>6.8</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	7.4	6.4	5.7	7.5	7.7	7.6	<b>7.1</b>
2	HD3059 (C)	205	6.9	6.5	6.3	8.2	8.2	8.0	<b>7.3</b>
3	PBW771 (C)	206	4.7	4.3	3.9	5.1	5.6	4.3	<b>4.6</b>
4	JKW261 (C)	207	7.3	7.6	7.5	7.0	6.8	8.2	<b>7.4</b>
5	DBW173 (C)	212	7.5	7.8	7.8	8.1	7.5	8.2	<b>7.8</b>
<b>Mean</b>			<b>6.7</b>	<b>6.5</b>	<b>6.2</b>	<b>7.2</b>	<b>7.2</b>	<b>7.3</b>	<b>6.8</b>

**North Eastern Plain Zone**

S. No.	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	6.4	8.3	6.2	7.8	<b>7.2</b>
2	DBW222 (C)	105	5.5	8.4	7.2	7.9	<b>7.2</b>
3	PBW826 (C)	106	7.1	8.8	5.7	8.1	<b>7.4</b>
4	HD3249 (C)	113	6.4	8.8	6.4	8.4	<b>7.5</b>
5	DBW187 (C)	117	6.0	8.6	6.0	8.4	<b>7.3</b>
6	HD3388(I) (C)	107	5.9	8.7	7.1	8.3	<b>7.5</b>
<b>Mean</b>			<b>6.2</b>	<b>8.6</b>	<b>6.4</b>	<b>8.2</b>	<b>7.3</b>

### Central Zone

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	6.4	6.2	6.0	8.6	<b>6.8</b>
2	HI1650 (C)	115	6.2	7.2	7.1	6.2	<b>6.7</b>
3	MACS6768 (C)	116	4.7	5.7	5.5	5.7	<b>5.4</b>
4	GW322 (C)	118	5.9	5.5	5.6	6.3	<b>5.8</b>
5	GW547(I) (C)	101	8.1	8.3	8.8	8.7	<b>8.5</b>
<b>Mean</b>			<b>6.3</b>	<b>6.6</b>	<b>6.6</b>	<b>7.1</b>	<b>6.6</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	5.9	5.5	5.7	5.2	<b>5.6</b>
2	HI1634 (C)	203	7.2	7.6	7.0	8.3	<b>7.5</b>
3	MP4010 (C)	204	5.9	6.3	4.9	7.4	<b>6.1</b>
4	HD2932 (C)	207	6.5	6.3	6.2	7.1	<b>6.5</b>
5	CG1029 (C)	208	5.1	5.2	4.7	6.0	<b>5.3</b>
<b>Mean</b>			<b>6.1</b>	<b>6.2</b>	<b>5.7</b>	<b>6.8</b>	<b>6.2</b>
<b>Restricted Irrigation, Timely Sown</b>							
1	DBW441M*	312	8.6	7.8	7.0	8.4	<b>8.0</b>
2	DBW110 (C)	302	8.4	8.1	7.0	6.2	<b>7.4</b>
3	CG1036 (C)	304	4.9	5.3	3.9	5.5	<b>4.9</b>
4	HI1655 (C)	306	4.6	5.1	3.0	4.3	<b>4.2</b>
5	CG1040(I) (C)	301	7.9	8.2	8.0	8.3	<b>8.1</b>
6	DBW359(I) (C)	317	6.8	8.7	5.2	7.0	<b>6.9</b>
<b>Mean</b>			<b>6.9</b>	<b>7.2</b>	<b>5.7</b>	<b>6.6</b>	<b>6.6</b>

### Peninsular zone

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	8.6	7.4	7.5	<b>7.8</b>
2	AKAW5100*	108	7.6	7.8	7.5	<b>7.6</b>
3	WH1306*	110	7.8	7.7	7.9	<b>7.8</b>
4	NWS2222*	116	7.5	7.3	7.2	<b>7.3</b>
5	DBW443*	123	6.4	8.8	5.6	<b>6.9</b>
6	GW322 (C)	118	7.8	6.2	6.7	<b>6.9</b>
7	MACS6222 (C)	122	6.6	6.2	6.6	<b>6.4</b>
8	MP1378(I) (C)	124	8.2	7.9	7.1	<b>7.7</b>
<b>Mean</b>			<b>7.6</b>	<b>7.4</b>	<b>7.0</b>	<b>7.3</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	5.1	5.6	5.3	<b>5.3</b>
2	NIAW4114*	206	6.4	6.6	7.2	<b>6.7</b>
3	HI1674*	213	5.8	6.3	5.5	<b>5.9</b>
4	NIAW4120*	215	6.6	5.9	5.6	<b>6.1</b>
5	HD3090 (C)	203	8.9	7.7	7.3	<b>8.0</b>
6	HD2932 (C)	208	7.2	7.0	6.6	<b>6.9</b>
7	RAJ4083 (C)	209	8.3	7.8	7.6	<b>7.9</b>
8	HI1633 (C)	214	7.8	6.6	6.9	<b>7.1</b>
<b>Mean</b>			<b>7.0</b>	<b>6.7</b>	<b>6.5</b>	<b>6.7</b>

**Table 71: Biscuit spread factor of *T. aestivum* genotypes in AVTs****North Western Plain Zone**

S. No	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HII668*	104	7.0	7.2	5.9	7.0	6.7	6.2	<b>6.7</b>
2	HD3471M*	108	7.8	7.1	7.5	7.8	7.1	7.5	<b>7.5</b>
3	DBW386*	109	6.9	6.1	6.8	7.2	6.3	6.0	<b>6.5</b>
4	PBW725 (C)	101	6.6	7.2	7.1	6.7	6.3	6.3	<b>6.7</b>
5	DBW88 (C)	103	6.3	6.3	7.2	6.8	6.4	6.3	<b>6.6</b>
6	HD2967 (C)	106	7.2	6.7	5.8	7.6	7.9	6.0	<b>6.9</b>
7	HD3086 (C)	110	7.2	6.3	6.1	7.0	6.9	6.1	<b>6.6</b>
8	DBW187 (C)	111	8.0	6.5	6.2	7.5	6.6	6.7	<b>6.9</b>
9	DBW222 (C)	112	7.6	6.9	7.6	7.3	6.9	7.5	<b>7.3</b>
10	PBW826 (C)	116	7.5	5.6	6.6	6.4	7.1	6.6	<b>6.7</b>
11	HD3386 (I) (C)	115	6.9	7.2	6.4	6.8	6.4	6.1	<b>6.6</b>
<b>Mean</b>			<b>7.2</b>	<b>6.6</b>	<b>6.7</b>	<b>7.1</b>	<b>6.8</b>	<b>6.5</b>	<b>6.8</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	8.0	7.0	6.7	8.0	7.1	6.0	<b>7.1</b>
2	HD3059 (C)	205	6.5	7.0	6.7	8.5	6.5	6.5	<b>7.0</b>
3	PBW771 (C)	206	5.5	6.3	6.3	6.6	6.6	5.8	<b>6.2</b>
4	JKW261 (C)	207	7.9	8.1	8.4	8.7	8.2	6.1	<b>7.9</b>
5	DBW173 (C)	212	8.0	8.0	8.1	8.0	7.1	6.5	<b>7.6</b>
<b>Mean</b>			<b>7.2</b>	<b>7.3</b>	<b>7.2</b>	<b>8.0</b>	<b>7.1</b>	<b>6.2</b>	<b>7.2</b>

**North Eastern Plain Zone**

S. No	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	7.2	7.6	7.4	7.6	<b>7.5</b>
2	DBW222 (C)	105	7.2	7.1	7.3	6.7	<b>7.1</b>
3	PBW826 (C)	106	6.5	7.0	6.3	6.0	<b>6.5</b>
4	HD3249 (C)	113	7.2	6.1	7.7	7.6	<b>7.2</b>
5	DBW187 (C)	117	6.4	6.0	7.0	7.2	<b>6.6</b>
6	HD3388(I) (C)	107	7.8	6.6	7.4	6.7	<b>7.1</b>
<b>Mean</b>			<b>7.1</b>	<b>6.7</b>	<b>7.2</b>	<b>7.0</b>	<b>7.0</b>

### Central Zone

S. No.	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	7.7	7.0	6.4	6.9	<b>7.0</b>
2	HI1650 (C)	115	6.7	6.1	6.0	5.7	<b>6.1</b>
3	MACS6768 (C)	116	5.9	5.3	6.0	5.9	<b>5.8</b>
4	GW322 (C)	118	7.3	6.6	6.0	6.5	<b>6.6</b>
5	GW547(I) (C)	101	7.5	6.5	6.3	5.9	<b>6.5</b>
<b>Mean</b>			<b>7.0</b>	<b>6.3</b>	<b>6.1</b>	<b>6.2</b>	<b>6.4</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	6.6	6.1	6.8	6.7	<b>6.5</b>
2	HI1634 (C)	203	5.6	6.4	7.2	6.3	<b>6.4</b>
3	MP4010 (C)	204	5.5	6.0	5.7	7.7	<b>6.2</b>
4	HD2932 (C)	207	6.5	6.3	6.9	8.1	<b>6.9</b>
5	CG1029 (C)	208	6.5	6.3	6.8	6.4	<b>6.5</b>
<b>Mean</b>			<b>6.1</b>	<b>6.2</b>	<b>6.7</b>	<b>7.0</b>	<b>6.5</b>
<b>Restricted Irrigated, timely sown</b>							
1	DBW441M*	312	6.7	6.3	6.8	7.3	<b>6.8</b>
2	DBW110 (C)	302	6.2	6.1	6.9	6.2	<b>6.4</b>
3	CG1036 (C)	304	6.0	5.7	5.9	6.2	<b>5.9</b>
4	HI1655 (C)	306	6.3	5.5	5.8	6.2	<b>5.9</b>
5	CG1040(I) (C)	301	5.9	5.6	6.3	6.2	<b>6.0</b>
6	DBW359(I) (C)	317	6.3	5.5	7.9	6.4	<b>6.5</b>
<b>Mean</b>			<b>6.2</b>	<b>5.8</b>	<b>6.6</b>	<b>6.4</b>	<b>6.3</b>

### Peninsular Zone

S. No.	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	6.3	7.0	5.6	<b>6.3</b>
2	AKAW5100*	108	6.6	7.5	6.2	<b>6.8</b>
3	WH1306*	110	6.2	6.7	6.5	<b>6.5</b>
4	NWS2222*	116	5.9	7.5	6.8	<b>6.7</b>
5	DBW443*	123	5.7	7.3	5.8	<b>6.2</b>
6	GW322 (C)	118	6.0	7.4	7.0	<b>6.8</b>
7	MACS6222 (C)	122	5.9	7.5	5.7	<b>6.4</b>
8	MP1378(I) (C)	124	6.0	6.8	7.8	<b>6.9</b>
<b>Mean</b>			<b>6.1</b>	<b>7.2</b>	<b>6.4</b>	<b>6.6</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	6.6	6.8	6.7	<b>6.7</b>
2	NIAW4114*	206	6.9	7.0	6.5	<b>6.8</b>
3	HI1674*	213	5.9	7.6	6.2	<b>6.6</b>
4	NIAW4120*	215	6.7	6.7	5.8	<b>6.4</b>
5	HD3090 (C)	203	5.9	7.0	6.8	<b>6.5</b>
6	HD2932 (C)	208	6.7	6.9	7.0	<b>6.9</b>
7	RAJ4083 (C)	209	7.0	6.9	6.1	<b>6.7</b>
8	HI1633 (C)	214	6.7	6.7	6.9	<b>6.8</b>
<b>Mean</b>			<b>6.6</b>	<b>7.0</b>	<b>6.5</b>	<b>6.7</b>

**Table 72: Wet Gluten (%) of *T. aestivum* genotypes in AVTs**

**North Western Plain Zone**

S. No	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	21.9	26.8	30.4	22.0	32.0	23.6	<b>26.1</b>
2	HD3471M*	108	23.3	28.6	30.8	18.9	31.0	28.1	<b>26.8</b>
3	DBW386*	109	19.4	26.1	28.1	19.6	28.5	24.9	<b>24.4</b>
4	PBW725 (C)	101	23.1	26.1	30.3	27.3	32.4	30.7	<b>28.3</b>
5	DBW88 (C)	103	22.4	30.9	29.0	22.0	33.6	30.7	<b>28.1</b>
6	HD2967 (C)	106	20.2	26.8	28.5	26.6	32.6	26.6	<b>26.9</b>
7	HD3086 (C)	110	23.1	29.1	31.9	23.4	31.1	28.3	<b>27.8</b>
8	DBW187 (C)	111	20.6	29.4	29.4	22.9	33.8	25.9	<b>27.0</b>
9	DBW222 (C)	112	23.2	25.8	27.4	22.0	33.8	30.7	<b>27.2</b>
10	PBW826 (C)	116	20.8	24.6	27.8	20.5	27.1	25.6	<b>24.4</b>
11	HD3386(I) (C)	115	18.4	21.2	27.0	22.2	29.2	25.4	<b>23.9</b>
<b>Mean</b>			<b>21.5</b>	<b>26.9</b>	<b>29.1</b>	<b>22.5</b>	<b>31.4</b>	<b>27.3</b>	<b>26.4</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	24.7	23.1	25.4	27.5	28.4	35.8	<b>27.5</b>
2	HD3059 (C)	205	26.0	23.7	27.4	29.8	28.9	31.2	<b>27.8</b>
3	PBW771 (C)	206	33.0	22.2	25.3	31.4	30.4	31.1	<b>28.9</b>
4	JKW261 (C)	207	26.5	25.0	22.8	23.8	26.6	38.0	<b>27.1</b>
5	DBW173 (C)	212	25.6	24.8	28.8	28.6	29.4	35.2	<b>28.7</b>
<b>Mean</b>			<b>27.2</b>	<b>23.7</b>	<b>25.9</b>	<b>28.2</b>	<b>28.7</b>	<b>34.3</b>	<b>28.0</b>

**North Eastern Plain Zone**

S. No	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	19.5	28.5	23.4	23.7	<b>23.8</b>
2	DBW222 (C)	105	20.9	33.7	25.9	26.9	<b>26.8</b>
3	PBW826 (C)	106	19.6	29.9	22.7	27.4	<b>24.9</b>
4	HD3249 (C)	113	23.2	34.0	23.7	23.2	<b>26.0</b>
5	DBW187 (C)	117	20.5	32.1	23.7	28.3	<b>26.1</b>
6	HD3388(I) (C)	107	23.7	36.7	25.5	30.4	<b>29.1</b>
<b>Mean</b>			<b>21.2</b>	<b>32.5</b>	<b>24.1</b>	<b>26.6</b>	<b>26.1</b>

### Central Zone

S. No	Entries	Code	Vijapur	Junagarh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	27.0	31.9	29.7	29.0	<b>29.4</b>
2	HI1650 (C)	115	26.1	32.9	31.4	28.5	<b>29.7</b>
3	MACS6768 (C)	116	30.4	39.6	33.8	34.4	<b>34.5</b>
4	GW322 (C)	118	23.9	27.5	25.1	24.9	<b>25.3</b>
5	GW547(I) (C)	101	30.2	33.2	32.7	33.7	<b>32.5</b>
<b>Mean</b>			<b>27.5</b>	<b>33.0</b>	<b>30.5</b>	<b>30.1</b>	<b>30.3</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	29.6	37.5	26.8	29.4	<b>30.8</b>
2	HI1634 (C)	203	31.2	39.3	32.0	30.1	<b>33.1</b>
3	MP4010 (C)	204	30.7	39.1	31.1	30.0	<b>32.7</b>
4	HD2932 (C)	207	27.8	38.2	29.8	31.7	<b>31.9</b>
5	CG1029 (C)	208	31.1	38.1	28.4	29.2	<b>31.7</b>
<b>Mean</b>			<b>30.1</b>	<b>38.4</b>	<b>29.6</b>	<b>30.1</b>	<b>32.0</b>
<b>Restricted Irrigated, timely sown</b>							
1	DBW441M*	312	31.2	32.4	24.2	28.3	<b>29.0</b>
2	DBW110 (C)	302	27.5	32.0	25.5	28.6	<b>28.4</b>
3	CG1036 (C)	304	30.9	37.9	28.5	31.8	<b>32.3</b>
4	HI1655 (C)	306	34.5	39.0	29.1	31.1	<b>33.4</b>
5	CG1040(I) (C)	301	27.4	32.6	23.4	26.9	<b>27.6</b>
6	DBW359(I) (C)	317	22.6	33.6	21.6	25.9	<b>25.9</b>
<b>Mean</b>			<b>29.0</b>	<b>34.6</b>	<b>25.4</b>	<b>28.8</b>	<b>29.4</b>

### Peninsular Zone

S. No	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	37.6	32.1	28.2	<b>32.6</b>
2	AKAW5100*	108	29.4	28.9	25.9	<b>28.1</b>
3	WH1306*	110	28.5	27.7	28.4	<b>28.2</b>
4	NWS2222*	116	32.8	31.0	26.8	<b>30.2</b>
5	DBW443*	123	32.2	35.0	29.3	<b>32.2</b>
6	GW322 (C)	118	28.9	29.1	24.9	<b>27.6</b>
7	MACS6222 (C)	122	40.5	35.1	30.2	<b>35.3</b>
8	MP1378(I) (C)	124	35.1	31.8	27.3	<b>31.4</b>
<b>Mean</b>			<b>33.1</b>	<b>31.3</b>	<b>27.6</b>	<b>30.7</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	34.7	36.0	35.0	<b>35.2</b>
2	NIAW4114*	206	36.3	31.2	38.4	<b>35.3</b>
3	HI1674*	213	32.6	32.1	32.1	<b>32.3</b>
4	NIAW4120*	215	33.6	32.3	35.8	<b>33.9</b>
5	HD3090 (C)	203	29.8	34.3	31.1	<b>31.7</b>
6	HD2932 (C)	208	33.3	33.0	32.5	<b>32.9</b>
7	RAJ4083 (C)	209	31.8	31.0	31.6	<b>31.5</b>
8	HI1633 (C)	214	32.4	30.8	32.4	<b>31.8</b>
<b>Mean</b>			<b>33.0</b>	<b>32.6</b>	<b>33.6</b>	<b>33.1</b>

**Table 73: Dry Gluten (%) of *T. aestivum* genotypes in AVTs****North Western Plain Zone**

S. No	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	7.2	8.8	10.0	7.2	10.6	8.3	<b>8.7</b>
2	HD3471M*	108	7.8	9.5	10.1	6.3	10.1	10.0	<b>9.0</b>
3	DBW386*	109	6.4	8.5	9.0	6.4	9.3	8.2	<b>8.0</b>
4	PBW725 (C)	101	7.7	8.6	10.1	9.0	10.6	10.2	<b>9.3</b>
5	DBW88 (C)	103	7.4	10.2	9.6	7.4	11.0	10.0	<b>9.3</b>
6	HD2967 (C)	106	6.6	8.5	9.1	8.3	10.3	8.7	<b>8.6</b>
7	HD3086 (C)	110	7.5	9.0	10.1	7.5	9.9	9.2	<b>8.9</b>
8	DBW187 (C)	111	6.8	9.8	9.7	7.6	11.3	8.7	<b>9.0</b>
9	DBW222 (C)	112	7.6	8.3	8.6	7.8	9.2	9.9	<b>8.6</b>
10	PBW826 (C)	116	6.9	8.0	9.1	6.8	8.8	8.4	<b>8.0</b>
11	HD3386(I) (C)	115	6.1	7.0	8.7	6.9	9.6	8.4	<b>7.8</b>
<b>Mean</b>			<b>7.1</b>	<b>8.7</b>	<b>9.5</b>	<b>7.4</b>	<b>10.1</b>	<b>9.1</b>	<b>8.6</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	8.3	7.7	8.4	9.1	9.5	12.0	<b>9.2</b>
2	HD3059 (C)	205	8.6	7.9	9.2	9.9	9.7	10.6	<b>9.3</b>
3	PBW771 (C)	206	11.5	6.8	8.3	10.7	10.3	10.2	<b>9.6</b>
4	JKW261 (C)	207	8.5	8.2	7.3	7.8	8.6	12.1	<b>8.8</b>
5	DBW173 (C)	212	8.5	8.4	9.0	9.7	10.1	11.9	<b>9.6</b>
<b>Mean</b>			<b>9.1</b>	<b>7.8</b>	<b>8.4</b>	<b>9.4</b>	<b>9.7</b>	<b>11.4</b>	<b>9.3</b>

**North Eastern Plain Zone**

S. No	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	6.6	9.7	7.9	8.7	<b>8.2</b>
2	DBW222 (C)	105	7.0	11.0	8.6	8.8	<b>8.8</b>
3	PBW826 (C)	106	6.4	9.8	7.4	9.0	<b>8.2</b>
4	HD3249 (C)	113	7.7	11.4	8.0	8.0	<b>8.8</b>
5	DBW187 (C)	117	6.9	10.9	8.1	9.6	<b>8.9</b>
6	HD3388(I) (C)	107	7.6	11.9	8.8	10.2	<b>9.6</b>
<b>Mean</b>			<b>7.0</b>	<b>10.8</b>	<b>8.1</b>	<b>9.0</b>	<b>8.7</b>

### Central Zone

S. No	Entries	Code	Vijapur	Junagarh	Indore	Powerkheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	9.0	10.5	9.5	9.4	<b>9.6</b>
2	HI1650 (C)	115	8.5	10.5	10.8	9.7	<b>9.9</b>
3	MACS6768 (C)	116	10.4	13.0	11.3	11.8	<b>11.6</b>
4	GW322 (C)	118	7.9	8.9	8.3	7.9	<b>8.2</b>
5	GW547(I) (C)	101	9.8	11.1	10.7	10.9	<b>10.6</b>
<b>Mean</b>			<b>9.1</b>	<b>10.8</b>	<b>10.1</b>	<b>10.0</b>	<b>10.0</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	10.3	12.1	8.4	9.4	<b>10.1</b>
2	HI1634 (C)	203	9.9	12.2	9.3	9.7	<b>10.3</b>
3	MP4010 (C)	204	9.7	12.3	11.0	9.9	<b>10.7</b>
4	HD2932 (C)	207	9.1	12.4	9.4	10.0	<b>10.2</b>
5	CG1029 (C)	208	9.7	12.0	9.1	9.2	<b>10.0</b>
<b>Mean</b>			<b>9.8</b>	<b>12.2</b>	<b>9.4</b>	<b>9.6</b>	<b>10.3</b>
<b>Restricted Irrigated, timely sown</b>							
1	DBW441M*	312	10.4	10.9	8.1	9.3	<b>9.7</b>
2	DBW110 (C)	302	9.2	11.0	8.5	9.5	<b>9.5</b>
3	CG1036 (C)	304	9.8	12.1	9.7	10.0	<b>10.4</b>
4	HI1655 (C)	306	11.9	13.9	7.1	11.1	<b>11.0</b>
5	CG1040(I) (C)	301	9.3	10.5	7.8	8.1	<b>8.9</b>
6	DBW359(I) (C)	317	7.7	11.5	7.3	8.7	<b>8.8</b>
<b>Mean</b>			<b>9.7</b>	<b>11.7</b>	<b>8.1</b>	<b>9.4</b>	<b>9.7</b>

### Peninsular Zone

S. No	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	10.0	9.7	9.2	<b>9.6</b>
2	AKAW5100*	108	11.5	10.7	9.2	<b>10.5</b>
3	WH1306*	110	9.9	9.4	9.4	<b>9.6</b>
4	NWS2222*	116	11.0	10.4	8.8	<b>10.1</b>
5	DBW443*	123	10.5	11.7	9.7	<b>10.6</b>
6	GW322 (C)	118	9.2	9.1	8.0	<b>8.8</b>
7	MACS6222 (C)	122	13.1	11.6	10.2	<b>11.6</b>
8	MP1378(I) (C)	124	11.6	10.3	8.7	<b>10.2</b>
<b>Mean</b>			<b>10.9</b>	<b>10.4</b>	<b>9.1</b>	<b>10.1</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	11.0	11.2	11.0	<b>11.1</b>
2	NIAW4114*	206	10.5	10.3	10.3	<b>10.4</b>
3	HI1674*	213	11.5	10.2	13.6	<b>11.8</b>
4	NIAW4120*	215	10.5	10.1	11.6	<b>10.7</b>
5	HD3090 (C)	203	10.6	9.9	10.3	<b>10.3</b>
6	HD2932 (C)	208	9.9	11.1	10.0	<b>10.3</b>
7	RAJ4083 (C)	209	11.0	10.1	10.4	<b>10.5</b>
8	HI1633 (C)	214	10.2	10.1	10.5	<b>10.3</b>
<b>Mean</b>			<b>10.7</b>	<b>10.4</b>	<b>10.9</b>	<b>10.7</b>



**Table 74: Gluten index (max. 100) of *T. aestivum* genotypes in AVTs**

**North Western Plain Zone**

S. No	Entries	Code	Ludhiana	P.nagar	Delhi	Hisar	Karnal	D.pura	Mean
<b>Irrigated, timely sown</b>									
1	HI1668*	104	90	80	79	93	90	98	<b>88</b>
2	HD3471M*	108	92	93	79	96	91	96	<b>91</b>
3	DBW386*	109	95	84	72	94	69	90	<b>84</b>
4	PBW725 (C)	101	90	94	79	89	78	89	<b>86</b>
5	DBW88 (C)	103	92	88	83	94	83	75	<b>86</b>
6	HD2967 (C)	106	86	81	66	67	64	85	<b>75</b>
7	HD3086 (C)	110	73	59	52	71	57	83	<b>66</b>
8	DBW187 (C)	111	96	92	82	97	85	94	<b>91</b>
9	DBW222 (C)	112	71	74	51	71	56	60	<b>64</b>
10	PBW826 (C)	116	94	90	75	91	77	86	<b>85</b>
11	HD3386(I) (C)	115	94	98	87	94	75	97	<b>91</b>
<b>Mean</b>			<b>88</b>	<b>85</b>	<b>73</b>	<b>87</b>	<b>75</b>	<b>87</b>	<b>83</b>
<b>Irrigated, late sown</b>									
1	HD3428*	202	97	96	89	91	92	88	<b>92</b>
2	HD3059 (C)	205	90	96	91	87	96	92	<b>92</b>
3	PBW771 (C)	206	45	51	54	45	48	51	<b>49</b>
4	JKW261 (C)	207	69	86	90	82	71	59	<b>76</b>
5	DBW173 (C)	212	94	98	45	93	95	77	<b>84</b>
<b>Mean</b>			<b>79</b>	<b>85</b>	<b>74</b>	<b>80</b>	<b>81</b>	<b>73</b>	<b>79</b>

**North Eastern Plain Zone**

S. No	Entries	Code	Kanpur	Varanasi	Pusa	Sabour	Mean
<b>Irrigated, timely sown</b>							
1	DBW386*	112	98	97	98	96	<b>97</b>
2	DBW222 (C)	105	95	80	89	93	<b>89</b>
3	PBW826 (C)	106	96	91	95	96	<b>94</b>
4	HD3249 (C)	113	95	97	98	98	<b>97</b>
5	DBW187 (C)	117	97	97	98	94	<b>97</b>
6	HD3388(I) (C)	107	86	78	96	90	<b>87</b>
<b>Mean</b>			<b>94</b>	<b>90</b>	<b>96</b>	<b>94</b>	<b>94</b>

### Central Zone

S. No	Entries	Code	Vijapur	Junagarh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	HI1669*	112	79	72	53	59	<b>66</b>
2	HI1650 (C)	115	54	43	57	49	<b>51</b>
3	MACS6768 (C)	116	50	45	45	41	<b>45</b>
4	GW322 (C)	118	66	48	62	41	<b>54</b>
5	GW547(I) (C)	101	64	73	58	43	<b>60</b>
<b>Mean</b>			<b>63</b>	<b>56</b>	<b>55</b>	<b>47</b>	<b>55</b>
<b>Irrigated, late sown</b>							
1	HI1674*	206	54	43	62	21	<b>45</b>
2	HI1634 (C)	203	49	39	32	51	<b>43</b>
3	MP4010 (C)	204	51	42	54	58	<b>51</b>
4	HD2932 (C)	207	71	64	38	51	<b>56</b>
5	CG1029 (C)	208	34	35	45	45	<b>40</b>
<b>Mean</b>			<b>52</b>	<b>45</b>	<b>46</b>	<b>45</b>	<b>47</b>
<b>Restricted Irrigation, Timely Sown</b>							
1	DBW441M*	312	82	83	92	70	<b>82</b>
2	DBW110 (C)	302	90	97	91	82	<b>90</b>
3	CG1036 (C)	304	58	46	56	41	<b>50</b>
4	HI1655 (C)	306	50	57	66	45	<b>55</b>
5	CG1040(I) (C)	301	96	94	94	87	<b>93</b>
6	DBW359(I) (C)	317	98	97	96	94	<b>96</b>
<b>Mean</b>			<b>79</b>	<b>79</b>	<b>83</b>	<b>70</b>	<b>78</b>

### Peninsular Zone

S. No	Entries	Code	Dharwad	Pune	Niphad	Mean
<b>Irrigated, timely sown</b>						
1	PBW891*	104	96	94	91	<b>94</b>
2	AKAW5100*	108	44	58	59	<b>54</b>
3	WH1306*	110	99	98	91	<b>96</b>
4	NWS2222*	116	77	82	77	<b>79</b>
5	DBW443*	123	60	56	68	<b>61</b>
6	GW322 (C)	118	51	48	57	<b>52</b>
7	MACS6222 (C)	122	46	49	52	<b>49</b>
8	MP1378(I) (C)	124	45	47	45	<b>46</b>
<b>Mean</b>			<b>65</b>	<b>67</b>	<b>67</b>	<b>66</b>
<b>Irrigated, late sown</b>						
1	LOK79*	202	52	43	40	<b>45</b>
2	NIAW4114*	206	83	63	61	<b>69</b>
3	HI1674*	213	48	56	52	<b>52</b>
4	NIAW4120*	215	70	62	66	<b>66</b>
5	HD3090 (C)	203	85	61	57	<b>68</b>
6	HD2932 (C)	208	93	60	73	<b>75</b>
7	RAJ4083 (C)	209	81	65	65	<b>70</b>
8	HI1633 (C)	214	60	64	54	<b>59</b>
<b>Mean</b>			<b>72</b>	<b>59</b>	<b>58</b>	<b>63</b>

**Table 75: Chapati score (max. 10) of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	7.0	6.9	7.4	7.9	<b>7.3</b>
2	GW543*	208	7.8	7.2	8.3	8.2	<b>7.8</b>
3	DBW187 (C)	206	7.9	7.5	7.9	7.8	<b>7.8</b>
4	GW322 (C)	211	8.2	7.4	7.9	8.1	<b>7.9</b>
5	DBW303 (C)	216	7.9	7.9	7.8	7.9	<b>7.9</b>
6	DBW377(I) (C)	202	7.3	7.6	7.9	7.7	<b>7.6</b>
7	DBW327(I) (C)	214	8.3	8.0	7.6	7.9	<b>7.9</b>
<b>Mean</b>			<b>7.7</b>	<b>7.5</b>	<b>7.8</b>	<b>7.9</b>	<b>7.7</b>

**Table 76: Bread loaf volume (cc) of *T. aestivum* genotypes in Central Zone HPYT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	535	560	525	550	<b>543</b>
2	GW543*	208	615	590	595	630	<b>608</b>
3	DBW187 (C)	206	590	630	600	585	<b>601</b>
4	GW322 (C)	211	530	535	495	510	<b>518</b>
5	DBW303 (C)	216	595	575	550	625	<b>586</b>
6	DBW377(I) (C)	202	625	625	615	590	<b>614</b>
7	DBW327(I) (C)	214	560	550	555	575	<b>560</b>
<b>Mean</b>			<b>579</b>	<b>581</b>	<b>562</b>	<b>581</b>	<b>576</b>

**Table 77: Bread quality score (max. 10) of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	6.0	7.2	6.0	6.9	<b>6.5</b>
2	GW543*	208	7.5	7.3	7.6	8.1	<b>7.6</b>
3	DBW187 (C)	206	7.7	8.1	8.1	7.6	<b>7.9</b>
4	GW322 (C)	211	6.2	6.7	5.6	5.9	<b>6.1</b>
5	DBW303 (C)	216	7.5	6.7	7.2	8.3	<b>7.4</b>
6	DBW377(I) (C)	202	8.3	7.9	7.9	7.6	<b>7.9</b>
7	DBW327(I) (C)	214	7.0	7.2	6.8	7.4	<b>7.1</b>
<b>Mean</b>			<b>7.2</b>	<b>7.3</b>	<b>7.0</b>	<b>7.4</b>	<b>7.2</b>

**Table 78: Biscuit spread factor of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	5.9	6.9	6.5	6.2	<b>6.4</b>
2	GW543*	208	7.0	7.0	7.3	7.4	<b>7.2</b>
3	DBW187 (C)	206	7.2	6.6	7.1	7.7	<b>7.1</b>
4	GW322 (C)	211	7.1	7.0	7.5	7.9	<b>7.4</b>
5	DBW303 (C)	216	6.7	7.1	7.1	6.8	<b>6.9</b>
6	DBW377(I) (C)	202	6.0	7.0	6.6	8.2	<b>6.9</b>
7	DBW327(I) (C)	214	6.7	6.6	6.8	7.5	<b>6.9</b>
<b>Mean</b>			<b>6.6</b>	<b>6.9</b>	<b>7.0</b>	<b>7.4</b>	<b>7.0</b>

**Table 79: Wet Gluten (%) of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	30.2	29.3	28.7	25.9	<b>28.5</b>
2	GW543*	208	28.8	29.7	33.5	30.4	<b>30.6</b>
3	DBW187 (C)	206	28.8	31.2	27.9	27.4	<b>28.8</b>
4	GW322 (C)	211	28.0	30.6	26.5	26.6	<b>27.9</b>
5	DBW303 (C)	216	31.9	32.5	33.0	28.8	<b>31.5</b>
6	DBW377(I) (C)	202	31.9	30.1	30.4	29.1	<b>30.4</b>
7	DBW327(I) (C)	214	27.6	28.0	28.3	25.7	<b>27.4</b>
<b>Mean</b>			<b>29.6</b>	<b>30.2</b>	<b>29.7</b>	<b>27.7</b>	<b>29.3</b>

**Table 80: Dry Gluten (%) of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	9.7	9.8	9.3	8.5	<b>9.3</b>
2	GW543*	208	9.4	10.0	10.6	9.9	<b>10.0</b>
3	DBW187 (C)	206	9.7	10.6	9.5	9.2	<b>9.8</b>
4	GW322 (C)	211	9.0	9.8	9.2	8.6	<b>9.1</b>
5	DBW303 (C)	216	10.4	10.7	10.7	9.4	<b>10.3</b>
6	DBW377(I) (C)	202	10.1	10.0	9.7	9.5	<b>9.8</b>
7	DBW327(I) (C)	214	8.9	9.2	9.1	8.5	<b>8.9</b>
<b>Mean</b>			<b>9.6</b>	<b>10.0</b>	<b>9.7</b>	<b>9.1</b>	<b>9.6</b>

**Table 81: Gluten index (max. 100) of *T. aestivum* genotypes in Central Zone HYPT**

S. No	Entries	Code	Vijapur	Junagadh	Indore	P.kheda	Mean
<b>Irrigated, timely sown</b>							
1	CG1044*	201	77	90	74	88	<b>82</b>
2	GW543*	208	76	88	53	62	<b>70</b>
3	DBW187 (C)	206	94	94	93	91	<b>93</b>
4	GW322 (C)	211	48	49	58	60	<b>53</b>
5	DBW303 (C)	216	69	65	68	61	<b>66</b>
6	DBW377(I) (C)	202	67	89	63	72	<b>72</b>
7	DBW327(I) (C)	214	84	87	78	90	<b>85</b>
<b>Mean</b>			<b>73</b>	<b>80</b>	<b>69</b>	<b>75</b>	<b>74</b>