

Grain Yield Data (2019-20)

Trial: AVT-IR-MB

Zone: NWPZ

SN	Varieties	Code No.	Karnal			HAU Hisar			Modipuram			Durgapura			Pantnagar		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DWRB182	AVT-IR-MB-NWPZ-6	32.7	7	0	31.4	9	0	49.8	9	0	66.2	6	1	44.8	5	0
2	DWRB 196	AVT-IR-MB-NWPZ-1	37.4	5	0	50.7	1	1	62.5	1	1	66.4	4	1	44.2	7	0
3	DWRB 197	AVT-IR-MB-NWPZ-9	46.7	1	1	46.9	3	1	57.1	7	0	61.5	8	0	29.3	9	0
4	PL908	AVT-IR-MB-NWPZ-3	32.2	8	0	46.1	4	0	56.8	8	0	67.2	3	1	42.8	8	0
5	DWRB 101 (C)	AVT-IR-MB-NWPZ-4	44.5	3	1	38.0	8	0	62.1	2	1	68.8	2	1	45.9	4	0
6	DWRB123 (C)	AVT-IR-MB-NWPZ-7	46.2	2	1	38.3	7	0	60.5	3	0	71.0	1	1	49.9	2	0
7	DWRB160 (C)	AVT-IR-MB-NWPZ-5	34.6	6	0	48.0	2	1	57.2	6	0	56.3	9	0	44.5	6	0
8	RD2849 (C)	AVT-IR-MB-NWPZ-2	38.8	4	0	44.0	6	0	59.9	4	0	66.3	5	1	51.0	1	1
9	BH902 (6RC)	AVT-IR-MB-NWPZ-8	29.4	9	0	45.2	5	0	57.4	5	0	65.8	7	1	48.2	3	0
G.M.			38.1			43.2			58.1			65.5			44.5		
S.E.(M)			1.0			1.7			0.7			2.2			0.2		
C.D.			2.5			4.1			1.7			5.4			0.5		
C.V.			5.5			7.8			2.4			6.8			1.0		
DOS			15.11.2019			13.11.2019			13.11.2019			10.11.2019			11.11.2019		

Grain Yield Data (2019-20)

Trial: AVT-IR-MB

Zone: NWPZ

SN	Varieties	Code No.	Bathinda			Bawal			PAU Ludhiana			NWPZ		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DWRB182*	AVT-IR-MB-NWPZ-6	53.8	7	0	51.8	9	0	37.1	3	0	45.9	9	0
2	DWRB196	AVT-IR-MB-NWPZ-1	59.3	4	1	62.3	2	1	43.6	1	1	53.3	1	1
3	DWRB197	AVT-IR-MB-NWPZ-9	53.6	9	0	62.4	1	1	34.3	6	0	49.0	7	0
4	PL908	AVT-IR-MB-NWPZ-3	60.8	2	1	61.3	3	1	41.7	2	1	51.1	4	0
5	DWRB101(C)	AVT-IR-MB-NWPZ-4	57.7	6	1	61.2	4	1	30.1	8	0	51.1	5	0
6	DWRB123(C)	AVT-IR-MB-NWPZ-7	60.4	3	1	60.3	5	1	37.1	4	0	53.0	2	1
7	DWRB160(C)	AVT-IR-MB-NWPZ-5	53.7	8	0	56.3	7	0	28.8	9	0	47.4	8	0
8	RD2849(C)	AVT-IR-MB-NWPZ-2	58.8	5	1	58.5	6	1	36.2	5	0	51.7	3	0
9	BH902(6RC)	AVT-IR-MB-NWPZ-8	61.0	1	1	52.1	8	0	33.8	7	0	49.1	6	0
G.M.			57.7			58.5			35.9			50.2		
S.E.(M)			1.6			2.4			1.3			0.5		
C.D.			3.8			5.8			3.1			1.3		
C.V.			5.5			8.1			7.3					
DOS			19.11.2019			18.11.2019			23.11.2019					

Ancillary Data (2019-20)

Trial: AVT (Malt Barley)

ZONE: NWPZ

SN	Varieties	Code No.	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION (Mean & HS)			
			H. days	M. days	PH (cm)	Tillering /m	Spike L (cm)	2/6 R	Colour	1000 g.w (g)	H/N	Rusts		Leaf Blight	
												YR*	LR	NB**	SB**
1	DWRB182	AVT-IR-MB-6	92 (74-99)	136 (125-151)	98 (88-104)	123 (97-176)	8 (8.6-11.5)	2	PY	46 (42-52)	H	F	-	14	14
2	DWRB 196	AVT-IR-MB-1	94 (74-99)	136 (122 -155)	105 (88-120)	121 (95-124)	9 (8.6-11.0)	2	PY	61 (46-69)	H	F	-	24	14
3	DWRB 197	AVT-IR-MB-9	93 (80-99)	135 (121-151)	96 (86-105)	132 (110-156)	7 (8.6-11.8)	2	PY	52 (45-56)	H	F	-	14	14
4	PL908	AVT-IR-MB-3	95 (76-101)	138 (123-155)	107 (87-121)	103 (82-121)	7 (8.6-11.2)	6	PY	45 (39-52)	H	F	-	25	14
5	DWRB 101(C)	AVT-IR-MB-4	90 (72-98)	135 (122-152)	100 (86-111)	141 (98-190)	8 (8.6-11.3)	2	PY	53 (48-60)	H	F	-	12	14
6	DWRB123 (C)	AVT-IR-MB-7	91 (73-97)	135 (120-154)	100 (86-109)	137 (99-203)	8 (8.6-11.6)	2	PY	55 (49-60)	H	F	-	12	14
7	DWRB160 (C)	AVT-IR-MB-5	94 (74-101)	137 (117-155)	102 (87-115)	110 (96-121)	9 (8.6-11.4)	2	PY	63 (55-68)	H	F	-	13	14
8	RD2849 (C)	AVT-IR-MB-2	91 (73-98)	135 (126-153)	101 (88-109)	147 (91-193)	8 (8.6-11.1)	2	PY	50 (44-56)	H	F	-	23	14
9	BH902 (6RC)	AVT-IR-MB-8	96 (80-105)	141 (128-156)	110 (89-123)	109 (92-132)	9 (8.6-11.7)	6	PY	46 (41-52)	H	20S	-	12	14

* YR data from Ludhiana centre only, ** Net and Spot blotch data from Hisar centre only

Grain Yield Data (2019-20)

Trial: IVT-IR-MB

Zone: NWPZ

SN	Varieties	Code No.	Karnal			HAU Hisar			Modipuram			Durgapura			Pantnagar		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	BH1026	IVT-IR-MB-NWPZ-14	44.3	8	0	50.0	3	1	72.7	6	0	57.5	14	0	45.0	13	0
2	BH1027	IVT-IR-MB-NWPZ-6	44.6	7	0	39.5	13	0	64.2	15	0	58.2	12	0	55.3	5	0
3	BH1028	IVT-IR-MB-NWPZ-19	37.3	18	0	47.5	4	1	50.9	22	0	60.0	10	0	65.6	1	1
4	UPB1089	IVT-IR-MB-NWPZ-22	40.1	14	0	50.5	2	1	74.0	4	0	55.1	16	0	47.9	9	0
5	UPB1090	IVT-IR-MB-NWPZ-5	62.6	3	1	41.0	10	0	70.5	8	0	51.6	20	0	47.2	10	0
6	DWRB209	IVT-IR-MB-NWPZ-21	42.3	10	0	35.1	18	0	80.5	1	1	56.3	15	0	25.0	22	0
7	DWRB210	IVT-IR-MB-NWPZ-7	39.7	15	0	37.3	16	0	68.1	12	0	51.9	19	0	33.4	18	0
8	DWRB211	IVT-IR-MB-NWPZ-12	41.5	12	0	46.4	6	1	77.5	2	1	62.1	8	1	38.7	15	0
9	DWRB212	IVT-IR-MB-NWPZ-13	47.4	5	0	42.7	7	0	70.4	9	0	57.6	13	0	45.1	12	0
10	PL912	IVT-IR-MB-NWPZ-1	35.8	19	0	30.0	21	0	67.2	13	0	55.0	18	0	38.6	16	0
11	PL916	IVT-IR-MB-NWPZ-8	63.6	2	1	42.0	8	0	59.3	19	0	62.2	7	1	60.6	3	0
12	PL919	IVT-IR-MB-NWPZ-2	34.7	20	0	51.4	1	1	59.4	18	0	69.5	2	1	33.3	19	0
13	RD3023	IVT-IR-MB-NWPZ-11	41.8	11	0	32.5	20	0	68.4	11	0	55.1	17	0	28.2	20	0
14	RD3024	IVT-IR-MB-NWPZ-15	44.2	9	0	40.1	12	0	74.4	3	0	49.8	21	0	47.1	11	0
15	RD3025	IVT-IR-MB-NWPZ-9	34.1	21	0	28.6	22	0	62.4	16	0	46.6	22	0	26.3	21	0
16	RD3026	IVT-IR-MB-NWPZ-18	61.4	4	0	37.5	15	0	73.4	5	0	71.9	1	1	36.6	17	0
17	ABI Kranti	IVT-IR-MB-NWPZ-3	39.2	16	0	39.5	14	0	52.6	21	0	64.7	4	1	43.3	14	0
18	BH946(C)	IVT-IR-MB-NWPZ-16	46.3	6	0	47.0	5	1	65.9	14	0	68.2	3	1	51.7	8	0
19	DWRB101(C)	IVT-IR-MB-NWPZ-20	38.8	17	0	41.7	9	0	70.3	10	0	61.0	9	0	54.9	6	0
20	DWRB123(C)	IVT-IR-MB-NWPZ-4	66.8	1	1	35.0	19	0	59.6	17	0	62.8	6	1	53.7	7	0
21	RD2849 (C)	IVT-IR-MB-NWPZ-17	40.6	13	0	37.3	16	0	54.1	20	0	58.8	11	0	57.2	4	0
22	DWRB160(C)	IVT-IR-MB-NWPZ-10	34.0	22	0	40.2	11	0	70.7	7	0	63.4	5	1	61.6	2	0
		G.M.	44.6			40.6			66.7			59.1			45.3		
		S.E.(M)	1.8			2.0			1.9			3.7			0.9		
		C.D.	5.0			5.7			5.5			10.5			2.5		
		C.V.	8.0			9.9			5.8			12.5			3.8		
		DOS	15.11.2019			14.11.2019			18.11.2019			10.11.2019			11.11.2019		

Grain Yield Data (2019-20)

Trial: IVT-IR-MB

Zone: NWPZ

SN	Varieties	Code No.	Bathinda			S G Nagar			Bawal			PAU Ludhiana			NWPZ		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	BH1026	IVT-IR-MB-NWPZ-14	68.0	13	0	73.6	14	0	67.4	5	1	65.7	3	0	60.5	6	0
2	BH1027	IVT-IR-MB-NWPZ-6	72.1	8	1	76.7	12	0	68.4	3	1	61.1	10	0	60.0	9	0
3	BH1028	IVT-IR-MB-NWPZ-19	72.4	7	1	83.3	8	0	59.0	13	0	61.2	8	0	59.7	10	0
4	UPB1089	IVT-IR-MB-NWPZ-22	70.7	9	0	91.8	2	1	67.7	4	1	63.4	5	0	62.4	2	1
5	UPB1090	IVT-IR-MB-NWPZ-5	76.0	1	1	86.6	5	0	68.6	2	1	64.0	4	0	63.1	1	1
6	DWRB209	IVT-IR-MB-NWPZ-21	62.0	21	0	77.9	11	0	58.2	15	0	45.9	21	0	53.7	19	0
7	DWRB210	IVT-IR-MB-NWPZ-7	60.4	22	0	69.9	16	0	55.7	17	0	62.0	7	0	53.1	20	0
8	DWRB211	IVT-IR-MB-NWPZ-12	73.8	6	1	60.0	21	0	53.7	19	0	45.9	22	0	55.5	17	0
9	DWRB212	IVT-IR-MB-NWPZ-13	63.8	18	0	71.7	15	0	52.6	21	0	51.4	17	0	55.9	15	0
10	PL912	IVT-IR-MB-NWPZ-1	63.2	19	0	55.4	22	0	69.3	1	1	59.3	11	0	52.6	21	0
11	PL916	IVT-IR-MB-NWPZ-8	62.2	20	0	83.7	7	0	60.1	12	0	55.7	15	0	61.1	5	0
12	PL919	IVT-IR-MB-NWPZ-2	66.2	16	0	61.9	20	0	53.7	18	0	57.6	13	0	54.2	18	0
13	RD3023	IVT-IR-MB-NWPZ-11	75.7	2	1	90.6	3	1	61.7	11	1	63.4	6	0	57.5	13	0
14	RD3024	IVT-IR-MB-NWPZ-15	75.4	3	1	67.4	17	0	62.0	10	1	57.5	14	0	57.5	12	0
15	RD3025	IVT-IR-MB-NWPZ-9	68.9	12	0	84.8	6	0	49.7	22	0	47.3	20	0	49.9	22	0
16	RD3026	IVT-IR-MB-NWPZ-18	66.2	15	0	94.3	1	1	63.4	8	1	48.7	18	0	61.5	4	1
17	ABI Kranti	IVT-IR-MB-NWPZ-3	69.0	11	0	80.9	9	0	63.2	9	1	61.1	9	0	57.1	14	0
18	BH946(C)	IVT-IR-MB-NWPZ-16	66.9	14	0	66.4	19	0	58.6	14	0	53.8	16	0	58.3	11	0
19	DWRB101(C)	IVT-IR-MB-NWPZ-20	75.3	4	1	74.3	13	0	65.3	6	1	59.3	11	0	60.1	8	0
20	DWRB123(C)	IVT-IR-MB-NWPZ-4	64.6	17	0	80.7	10	0	52.9	20	0	65.8	2	0	60.2	7	0
21	RD2849(C)	IVT-IR-MB-NWPZ-17	74.7	5	1	67.2	18	0	64.5	7	1	47.3	19	0	55.8	16	0
22	DWRB160(C)	IVT-IR-MB-NWPZ-10	70.1	10	0	88.0	4	0	56.8	16	0	74.3	1	1	62.1	3	1
G.M.			69.0			76.7			60.6			57.8			57.8		
S.E.(M)			1.7			1.4			3.0			2.2			0.7		
C.D.			4.9			4.0			8.5			6.1			1.7		
C.V.			5.1			3.7			10.0			7.5					
DOS			20.11.2019			20.11.2019			18.11.2019			11.11.2019					

Ancillary Data of Barley Trial (2019-20)

Trial: IVT (Malt Barley)

ZONE: NWPZ

SN	Varieties	Code No.	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			Disease reaction (Mean & HS)			
			H. days	M. days	PH (cm)	Tillering /m	Spike L (cm)	2/6 R	Colour	1000 g.w.	H/N	Rusts		Leaf Blight	
												YR*	LR	NB*\	SB*
1	BH1026	IVT-IR-MB-14	95 (75-105)	135 (120-151)	99 (84-112)	120 (99-148)	9.1 (8.1-10.0)	2	PY	56.0 (41-62)	H	-	-	12	13
2	BH1027	IVT-IR-MB-6	95 (76-107)	134 (120-151)	100 (86-119)	125 (93-194)	8.7 (7.8-10.0)	2	PY	55.3 (40-64)	H	-	-	23	34
3	BH1028	IVT-IR-MB-19	95 (79-112)	136 (121-155)	104 (89-115)	151 (90-336)	8.0 (6.3-9.2)	2	PY	56.0 (40-68)	H	-	-	13	12
4	UPB1089	IVT-IR-MB-22	95 (78-105)	134 (119-149)	101 (85-114)	129 (100-153)	6.6 (6.0-8.6)	2	PY	48.7 (40-55)	H	-	-	13	24
5	UPB1090	IVT-IR-MB-5	96 (81-103)	135 (120-153)	100 (76-111)	119 (90-193)	6.9 (6.1-8.0)	2	PY	54.0 (43-59)	H	-	-	12	13
6	DWRB209	IVT-IR-MB-21	87 (68-105)	131 (114-147)	97 (86-110)	115 (86-167)	7.4 (6.4-9.0)	2	PY	50.0 (38-57)	H	-	-	13	36
7	DWRB210	IVT-IR-MB-7	93 (72-102)	133 (118-149)	99 (88-113)	99 (76-130)	7.1 (6.1-9.2)	2	PY	58.7 (42-68)	H	-	-	24	35
8	DWRB211	IVT-IR-MB-12	93 (83-102)	133 (121-147)	97 (84-107)	119 (93-162)	8.6 (7.0-10.5)	2	PY	50.7 (39-58)	H	-	-	12	13
9	DWRB212	IVT-IR-MB-13	95 (75-107)	135 (120-149)	92 (82-101)	105 (76-139)	8.2 (7.5-9.2)	2	PY	51.9 (37-56)	H	-	-	12	24
10	PL912	IVT-IR-MB-1	94 (74-106)	135 (118-149)	106 (88-124)	101 (74-115)	8.5 (7.5-10.0)	2	PY	54.7 (38-68)	H	-	-	13	12
11	PL916	IVT-IR-MB-8	99 (81-112)	138 (125-151)	97 (75-109)	125 (96-159)	8.8 (7.5-10.5)	2	PY	49.2 (42-56)	H	-	-	12	24

* Net blotch and Spot blotch data from Hisar centre only

Ancillary Data of Barley Trial (2019-20)

Trial: IVT (Malt Barley)

ZONE: NWPZ

SN	Varieties	Code No.	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			Disease reaction (Mean & HS)			
			H. days	M. days	PH (cm)	Tillering /m	Spike L (cm)	2/6 R	Colour	1000 g.w (M & Range)	H/N	Rusts		Leaf Blight	
												YR*	LR	NB*\	SB*
12	PL919	IVT-IR-MB-2	99 (82-112)	138 (127-151)	99 (87-114)	138 (92-235)	8.7 (7.7-9.1)	2	PY	50.2 (39-56)	H	-	-	12	13
13	RD3023	IVT-IR-MB-11	91 (70-101)	132 (116-147)	97 (87-106)	111 (78-159)	8.3 (6.8-9.3)	2	PY	57.1 (41-68)	H	-	-	13	23
14	RD3024	IVT-IR-MB-15	89 (69-104)	132 (118-149)	100 (84-109)	123 (103-170)	7.0 (6.6-7.7)	2	PY	54.3 (40-60)	H	-	-	12	23
15	RD3025	IVT-IR-MB-9	92 (69-103)	132 (116-148)	102 (87-116)	116 (88-167)	9.2 (7.2-12.0)	2	PY	49.7 (42-59)	H	-	-	12	13
16	RD3026	IVT-IR-MB-18	88 (68-108)	132 (116-150)	97 (72-113)	133 (74-269)	8.0 (7.0-9.0)	2	PY	51.6 (42-62)	H	-	-	13	24
17	ABI Kranti	IVT-IR-MB-3	99 (74-113)	136 (116-149)	98 (89-111)	135 (96-202)	8.6 (7.3-9.6)	2	PY	43.8 (38-54)	H	-	-	12	23
18	BH946(C)	IVT-IR-MB-16	94 (71-112)	135 (117-155)	101 (89-112)	108 (75-143)	7.8 (6.8-9.3)	6	PY	44.7 (39-52)	H	-	-	12	13
19	DWRB101(C)	IVT-IR-MB-20	94 (72-110)	134 (115-147)	97 (86-111)	128 (92-224)	8.4 (7.2-9.6)	2	PY	49.3 (40-58)	H	-	-	12	13
20	DWRB123(C)	IVT-IR-MB-4	93 (74-105)	134 (120-149)	96 (86-107)	106 (93-147)	7.8 (7.0-8.6)	2	PY	51.8 (39-57)	H	-	-	12	23
21	RD2849(C)	IVT-IR-MB-17	93 (74-105)	135 (119-149)	97 (82-111)	142 (92-278)	7.3 (6.5-8.0)	2	PY	47.2 (37-56)	H	-	-	14	25
22	DWRB160(C)	IVT-IR-MB-10	93 (73-103)	134 (118-151)	102 (87-116)	107 (80-137)	8.9 (6.5-10.2)	2	PY	63.2 (45-76)	H	-	-	23	24

** Net blotch and Spot blotch data from Hisar centre only*

Grain Yield Data (2019-20)

Trial: AVT-IR-TS-FB

Zone: NWPZ

SN	Entry	Code	HAU, Hisar			Udaipur			Modipuram			Pantnagar			Durgapura		
			Yield q/ha	Rk	G	Yield q/ha	Rk	G	Yield q/ha	Rk	G	Yield q/ha	Rk	G	Yield q/ha	Rk	G
1	KB1707	AVT-IRFB-E8	44.9	8	1	52.0	2	1	54.8	4	1	42.9	1	1	46.8	7	1
2	RD2994	AVT-IRFB-E2	48.3	3	1	47.1	4	1	54.9	3	1	34.9	8	0	52.5	3	1
3	UPB1080	AVT-IRFB-E7	46.6	4	1	50.2	3	1	54.2	5	1	41.5	2	1	45.4	8	1
4	PL906	AVT-IRFB-E4	45.3	6	1	44.2	6	1	51.2	7	1	37.6	4	1	55.4	1	1
5	BH946 (C)	AVT-IRFB-E1	45.6	5	1	54.0	1	1	57.9	1	1	34.9	7	0	52.3	5	1
6	RD2552 (C)	AVT-IRFB-E6	49.1	2	1	43.6	7	1	51.5	6	1	39.4	3	1	52.4	4	1
7	BH902 (C)	AVT-IRFB-E5	45.3	7	1	36.0	8	0	50.7	8	1	35.6	5	0	53.0	2	1
8	DWRB137(C)	AVT-IRFB-E3	50.3	1	1	44.9	5	1	57.4	2	1	35.4	6	0	51.0	6	1
		G.M.	46.9			46.5			54.1			37.8			51.1		
		S.E.(M)	4.7			5.2			3.3			2.6			4.6		
		C.D.	11.7			13.0			8.2			6.6			11.4		
		C.V.	17.4			19.5			10.5			12.1			15.4		
		DOS	13.11.2019			25.11.2019			11.11.2019			11.11.2019			10.11.2019		

Grain Yield Data (2019-20)

Trial: AVT-IR-TS-FB

Zone: NWPZ

SN	Entry	Code	Tabiji			Karnal			Ludhiana			NWPZ		
			Yield q/ha	Rk	G	Yield q/ha	Rk	G	Yield q/ha	Rk	G	Yield q/ha	Rk	G
1	KB1707	AVT-IRFB-E8	67.9	5	1	30.8	8	1	47.2	8	1	48.4	6	1
2	RD2994	AVT-IRFB-E2	70.2	3	1	31.0	7	1	48.4	6	1	48.4	5	1
3	UPB1080	AVT-IRFB-E7	75.1	1	1	32.3	5	1	48.6	5	1	49.3	2	1
4	PL906	AVT-IRFB-E4	67.4	6	1	40.0	1	1	48.8	4	1	48.7	3	1
5	BH946 (C)	AVT-IRFB-E1	64.2	7	1	37.9	2	1	49.8	3	1	49.6	1	1
6	RD2552 (C)	AVT-IRFB-E6	70.4	2	1	32.0	6	1	50.2	2	1	48.6	4	1
7	BH902 (C)	AVT-IRFB-E5	69.3	4	1	37.8	3	1	54.6	1	1	47.8	7	1
8	DWRB137(C)	AVT-IRFB-E3	61.2	8	0	33.5	4	1	48.1	7	1	47.7	8	1
G.M.			68.2			34.4			49.5			48.6		
S.E.(M)			5.4			4.0			3.7			1.5		
C.D.			13.4			9.9			9.3			3.6		
C.V.			13.7			20.0			13.1					
DOS			15.11.2019			15.11.2019			11.11.2019					

Summary of ancillary data (Rabi 2019-20)

AVT-IR-FB

ZONE: NWPZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	SL (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1707	AVT-IRFB-E8	90 (80-102)	135 (124-150)	140 (125-171)	104 (82-130)		6R	LY	45 (37-53)	H			34
2	RD2994	AVT-IRFB-E2	82 (65-95)	127 (107-148)	111 (93-138)	104 (96-112)		6R	LY	48 (38-56)	H			34
3	UPB1080	AVT-IRFB-E7	84 (65-98)	132 (115-155)	122 (90-144)	104 (98-115)		6R	LY	39 (29-43)	H			36
4	PL906	AVT-IRFB-E4	85 (72-99)	134 (118-151)	142 (104-207)	104 (95-111)		6R	LY	44 (31-54)	H			23
5	BH946 (C)	AVT-IRFB-E1	86 (69-100)	128 (115-149)	127 (94-177)	104 (98-121)		6R	LY	44 (35-55)	H			24
6	RD2552 (C)	AVT-IRFB-E6	89 (74-101)	133 (121-157)	162 (112-288)	97 (86-110)		6R	LY	40 (31-47)	H			34
7	BH902 (C)	AVT-IRFB-E5	88 (77-101)	132 (123-147)	153 (106-290)	111 (98-122)		6R	LY	45 (34-55)	H			35
8	DWRB137(C)	AVT-IRFB-E3	82 (66-97)	126 (103-155)	125 (96-146)	93 (77-105)		6R	LY	44 (37-52)	H			24

Grain Yield Data (2019-20)

Trial: IVT/AVT-IR-TS-HLS

Zone: NWPZ

SN	Entry	Code	HAU Hisar			Durgapura			Karnal			Modipuram			Pantnagar			Ludhiana			NWPZ		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	KB1843	IVT/AVT-HLS-3	22.5	9	0	27.0	10	0	16.5	10	0	42.9	10	0	21.4	7	0	24.6	2	1	25.8	10	0
2	KB1848	IVT/AVT-HLS-8	28.6	7	0	39.3	5	0	27.1	7	0	48.7	8	0	25.7	5	0	16.0	10	0	30.9	7	0
3	DWRB204	IVT/AVT-HLS-2	38.3	2	1	46.8	1	1	31.6	3	0	55.5	4	0	37.6	1	1	23.6	3	0	38.9	1	1
4	DWRB216	IVT/AVT-HLS-6	35.0	3	0	35.5	7	0	26.4	8	0	48.1	9	0	32.7	4	0	19.2	7	0	32.8	6	0
5	DWRB217	IVT/AVT-HLS-10	34.5	4	0	44.8	2	1	30.8	4	0	53.0	5	0	23.1	6	0	21.7	6	0	34.7	5	0
6	UPB1086	IVT/AVT-HLS-1	34.4	5	0	44.3	3	1	35.5	2	0	55.9	3	0	35.7	3	1	27.6	1	1	38.9	2	1
7	Karan16	IVT/AVT-HLS-5	39.9	1	1	40.7	4	1	28.3	5	0	60.4	1	1	36.3	2	1	22.7	4	0	38.1	3	1
8	NDB943(C)	IVT/AVT-HLS-9	29.9	6	0	35.7	6	0	47.7	1	1	56.8	2	0	20.0	9	0	18.1	9	0	34.7	4	0
9	K1149	IVT/AVT-HLS-7	24.2	8	0	32.2	8	0	21.1	9	0	52.3	6	0	20.8	8	0	18.1	8	0	28.1	8	0
10	PL891(I)	IVT/AVT-HLS-4	15.4	10	0	29.3	9	0	28.0	6	0	50.9	7	0	19.3	10	0	22.7	4	0	27.6	9	0
G.M.			30.3			37.6			29.3			52.5			27.3			21.4			33.0		
S.E.(M)			1.2			2.8			1.8			1.2			1.0			1.3			0.7		
C.D.			3.0			6.8			4.4			3.0			2.5			3.2			1.6		
C.V.			8.2			15.1			12.4			4.7			7.6			12.6					
DOS			14.11.19			10.11.2019			15.11.2019			11.11.19			11.11.2019			11.11.2019					

Grain Yield Data (2019-20)

Trial: IVT/AVT-IR-TS-HLS

Zone: NEPZ

SN	Entry	Code	Faizabad			Kanpur			Varanasi			NEPZ			Over All		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	KB1843	IVT/AVT-HLS-3	26.7	10	0	24.5	6	0	15.1	8	0	22.1	9	0	28.4	9	0
2	KB1848	IVT/AVT-HLS-8	33.8	5	0	29.0	5	0	13.3	9	0	25.4	8	0	33.0	7	0
3	DWRB204	IVT/AVT-HLS-2	29.0	9	0	45.3	1	1	32.0	1	1	35.4	1	1	39.0	3	0
4	DWRB216	IVT/AVT-HLS-6	39.2	1	1	24.5	6	0	20.9	7	0	28.2	5	0	34.0	6	0
5	DWRB217	IVT/AVT-HLS-10	38.3	3	0	21.7	10	0	21.5	6	0	27.2	7	0	35.7	4	0
6	UPB1086	IVT/AVT-HLS-1	30.0	8	0	40.8	2	0	25.8	2	0	32.2	3	0	40.3	1	1
7	Karan16	IVT/AVT-HLS-5	39.1	2	1	34.4	3	0	24.7	4	0	32.7	2	0	39.9	2	1
8	NDB943(C)	IVT/AVT-HLS-9	30.5	7	0	30.8	4	0	24.0	5	0	28.4	4	0	34.7	5	0
9	K1149	IVT/AVT-HLS-7	35.2	4	0	23.6	8	0	25.7	3	0	28.1	6	0	32.1	8	0
10	PL891(I)	IVT/AVT-HLS-4	31.3	6	0	23.6	9	0	10.2	10	0	21.7	10	0	25.7	10	0
G.M.			33.3			29.8			21.3			28.1			34.3		
S.E.(M)			0.3			1.9			0.8			0.7			0.4		
C.D.			0.7			4.5			2.0			1.6			1.0		
C.V.			1.7			12.6			8.0								
DOS			18.11.2019			30.11.19			15.11.2019								

Grain Yield Data (2019-20)

Trial: IVT/AVT-IR-TS-HLS

Zone: CZ

SN	Entry	Code	CAU, Jhansi			Vijapur			Udaipur			Tikamgarh			Gwalior			CZ		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	KB1843	IVT/AVT-HLS-3	20.9	10	0	25.6	7	0	33.8	8	0	56.7	4	0	39.4	7	1	35.3	9	0
2	KB1848	IVT/AVT-HLS-8	38.4	4	0	26.7	6	0	32.1	10	0	62.2	2	0	41.6	5	1	40.2	5	0
3	DWRB204	IVT/AVT-HLS-2	38.2	5	0	30.6	5	0	45.8	3	0	49.5	8	0	42.2	3	1	41.2	4	0
4	DWRB216	IVT/AVT-HLS-6	36.3	7	0	30.9	4	0	37.0	7	0	49.0	9	0	42.1	4	1	39.1	7	0
5	DWRB217	IVT/AVT-HLS-10	36.7	6	0	31.1	3	0	51.4	1	1	53.6	5	0	37.8	9	0	42.1	3	0
6	UPB1086	IVT/AVT-HLS-1	57.5	1	1	23.2	8	0	50.1	2	1	66.5	1	1	36.8	10	0	46.8	1	1
7	Karan16	IVT/AVT-HLS-5	53.0	2	0	35.1	1	1	43.9	4	0	57.1	3	0	43.2	2	1	46.5	2	1
8	NDB943(C)	IVT/AVT-HLS-9	38.7	3	0	21.1	9	0	40.1	5	0	53.4	6	0	38.4	8	0	38.3	8	0
9	K1149	IVT/AVT-HLS-7	27.4	9	0	34.7	2	1	37.7	6	0	52.2	7	0	44.2	1	1	39.2	6	0
10	PL891(I)	IVT/AVT-HLS-4	31.6	8	0	5.2	10	0	33.2	9	0	19.2	10	0	40.4	6	1	25.9	10	0
G.M.			37.9			26.4			40.5			51.9			40.6			39.5		
S.E.(M)			1.8			1.4			2.1			1.1			2.3			0.8		
C.D.			4.3			3.5			5.0			2.6			5.5			1.9		
C.V.			9.4			10.9			10.3			4.1			11.3					
DOS			19.11.2019			7.11.19			25.11.2019			12.11.2019			18.11.2019					

Summary of ancillary and disease data (Rabi 2019-20)

IVT-AVT-FB-(HLS)

ZONE: NWPZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	SL (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1843	IVT/AVT-HLs-3	95.2 (80-105)	135.5 (119-153)	115 (107-121)	134 (106-169)	-	6R	-	39 (35-48)	HL	-	10	35
2	KB1848	IVT/AVT-HLs-8	90 (72-99)	135.75 (118-153)	101 (88-115)	124 (101-172)	-	2R	-	37 (31-40)	HL	-	15	24
3	DWRB204*	IVT/AVT-HLs-2	87.6 (69-97)	132 (106-152)	114 (90-172)	119 (108-130)	-	6R	-	38 (34-44)	HL	-	0	24
4	DWRB216	IVT/AVT-HLs-6	92.4 (75-101)	134.7 (120-147)	108 (96-120)	109 (96-127)	-	6R	-	35 (27-44)	HL	-	0	13
5	DWRB217	IVT/AVT-HLs-10	91.6 (76-99)	135.5 (120-150)	106 (95-110)	117 (104-133)	-	6R	-	38 (33-44)	HL	-	0	13
6	UPB1086	IVT/AVT-HLs-1	89.8 (73-98)	134.5 (118-151)	106 (86-140)	115 (100-128)	-	6/2*	-	34 (27-44)	HL	-	0	46
7	Karan16(C)	IVT/AVT-HLs-5	87 (70-95)	134 (116-149)	110 (102-120)	126 (108-145)	-	6R	-	35 (32-40)	HL	-	0	34
8	NDB943(C)	IVT/AVT-HLs-9	84.2 (69-93)	129 (104-150)	111 (95-125)	144 (88-270)	-	6R	-	36 (32-44)	HL	-	0	13
9	K1149(C)	IVT/AVT-HLs-7	85.6 (74-93)	131 (115-147)	105 (97-115)	147 (93-250)	-	6R	-	31 (27-36)	HL	-	0	13
10	PL891(I)	IVT/AVT-HLs-4	94.2 (83-100)	133.7 (120-147)	115 (98-130)	113 (88-152)	-	2R	-	47 (40-52)	HL	-	0	12

Summary of ancillary and disease data (Rabi 2019-20)

IVT-AVT-FB-(HLS)

ZONE: NEPZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	Spike length (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1843	IVT/AVT-HLS-3	89 (88-91)	126 (122-130)	104 (96-112)	99 (83-112)	-	6R	-	37 (33-44)	HL	-	-	24
2	KB1848	IVT/AVT-HLS-8	89 (83-96)	128 (116-137)	85 (72-102)	95 (76-108)	-	2R	-	39 (34-42)	HL	-	-	24
3	DWRB204	IVT/AVT-HLS-2	85 (80-89)	123 (112-129)	87 (78-99)	103 (92-123)	-	6R	-	40 (36-43)	HL	-	-	24
4	DWRB216	IVT/AVT-HLS-6	87 (82-90)	124 (123-126)	83 (70-108)	80 (75-89)	-	6R	-	39 (31-44)	HL	-	-	36
5	DWRB217	IVT/AVT-HLS-10	87 (82-91)	123 (113-134)	91 (80-106)	102 (87-127)	-	6R	-	40 (36-45)	HL	-	-	36
6	UPB1086	IVT/AVT-HLS-1	84 (82-86)	120 (112-126)	97 (82-116)	103 (78-123)	-	6R	-	35 (29-38)	HL	-	-	57
7	Karan16(C)	IVT/AVT-HLS-5	77 (72-80)	118 (107-125)	94 (88-100)	109 (89-122)	-	6R	-	40 (33-46)	HL	-	-	57
8	NDB943(C)	IVT/AVT-HLS-9	81 (76-87)	119 (108-128)	93 (89-96)	91 (83-108)	-	6R	-	40 (32-46)	HL	-	-	46
9	K1149(C)	IVT/AVT-HLS-7	80 (76-86)	118 (107-128)	82 (72-99)	105 (86-132)	-	6R	-	35 (31-38)	HL	-	-	24
10	PL891(I)	IVT/AVT-HLS-4	91 (89-93)	127 (120-135)	94 (83-106)	98 (81-118)	-	2R	-	42 (37-45)	HL	-	-	46

Summary of ancillary and disease data (Rabi 2019-20)

IVT-AVT-FB-(HLS)

ZONE: CZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	SL (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1843	IVT/AVT-HLs-3	82 (69-92)	114 (95-129)	105 (90-123)	99 (72-126)		6R		37 (33-44)	HL			
2	KB1848	IVT/AVT-HLs-8	79 (63-90)	117 (93-136)	91 (75-117)	112 (91-130)		2R		39 (34-42)	HL			
3	DWRB204	IVT/AVT-HLs-2	76 (54-90)	113 (94-130)	87 (64-101)	90 (63-121)		6R		40 (36-43)	HL			
4	DWRB216	IVT/AVT-HLs-6	80 (67-90)	116 (99-134)	99 (80-110)	104 (73-148)		6R		39 (31-44)	HL			
5	DWRB217	IVT/AVT-HLs-10	79 (62-87)	114 (99-128)	94 (70-122)	81 (31-121)		6R		40 (36-45)	HL			
6	UPB1086	IVT/AVT-HLs-1	78 (64-87)	112 (97-127)	86 (61-97)	96 (69-121)		6R		35 (29-38)	HL			
7	Karan16(C)	IVT/AVT-HLs-5	72 (50-86)	113 (96-129)	96 (67-116)	90 (64-124)		6R		40 (33-46)	HL			
8	NDB943(C)	IVT/AVT-HLs-9	75 (62-82)	114 (92-126)	100 (74-116)	86 (46-124)		6R		40 (32-46)	HL			
9	K1149(C)	IVT/AVT-HLs-7	75 (60-84)	114 (97-128)	87 (80-104)	94 (59-125)		6R		35 (31-38)	HL			
10	PL891(I)	IVT/AVT-HLs-4	90 (85-98)	122 (110-136)	98 (67-120)	95 (67-136)		2R		42 (37-45)	HL			

Grain Yield Data (2019-20)

Trial: IVT-IR-TS-FB

Zone: NWPZ

SN	Entry	Code	Hisar			Modipuram			Durgapura			Karnal			Ludhiana			Pantnagar			Tabiji			NWPZ		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	Rk	G
1	KB1816	IVT-IRFB-E6	42.7	16	0	62.7	6	0	50.7	16	0	29.4	20	0	44.2	4	1	37.6	13	0	76.5	3	1	49.1	6	0
2	KB1817	IVT-IRFB-E23	46.5	13	0	50.2	20	0	39.7	21	0	24.8	24	0	30.7	24	0	27.8	23	0	50.1	20	0	38.5	24	0
3	KB1822	IVT-IRFB-E5	46.8	12	0	50.7	19	0	59.4	8	0	32.7	16	0	41.3	9	1	24.6	25	0	76.8	1	1	47.5	12	0
4	HUB271	IVT-IRFB-E16	46.8	11	0	43.2	25	0	41.2	20	0	37.7	7	1	29.0	25	0	26.5	24	0	65.0	9	0	41.3	21	0
5	HUB272	IVT-IRFB-E25	41.7	18	0	52.5	14	0	68.8	1	1	60.6	1	1	42.0	8	1	57.4	1	1	61.4	12	0	54.9	2	1
6	NDB1738	IVT-IRFB-E4	33.2	25	0	52.4	15	0	31.4	25	0	25.5	23	0	36.2	19	0	35.4	15	0	54.5	17	0	38.4	25	0
7	BH1029	IVT-IRFB-E14	50.2	6	1	56.8	11	0	52.1	13	0	35.4	12	1	45.7	3	1	38.1	11	0	48.7	21	0	46.7	13	0
8	BH1030	IVT-IRFB-E24	50.0	7	1	57.2	10	0	55.8	10	0	42.3	3	1	39.9	11	0	35.1	18	0	53.9	18	0	47.7	10	0
9	BH1031	IVT-IRFB-E22	51.9	4	1	47.9	21	0	56.9	9	0	37.5	8	1	39.9	14	0	34.5	19	0	64.6	10	0	47.6	11	0
10	RD3011	IVT-IRFB-E3	52.8	2	1	52.8	13	0	52.1	13	0	39.2	5	1	33.3	23	0	40.6	7	0	69.5	5	1	48.6	7	0
11	RD3012	IVT-IRFB-E19	40.4	21	0	69.1	1	1	39.4	22	0	34.9	13	1	37.7	16	0	48.0	3	0	45.9	23	0	45.1	16	0
12	RD3013	IVT-IRFB-E11	48.5	8	1	62.4	7	0	43.6	18	0	33.0	15	0	42.1	6	1	38.8	9	0	45.0	24	0	44.8	18	0
13	RD3014	IVT-IRFB-E2	51.8	5	1	47.2	22	0	61.6	4	1	41.5	4	1	48.6	1	1	33.3	22	0	67.1	6	1	50.1	4	0
14	UPB1087	IVT-IRFB-E13	40.6	20	0	46.9	23	0	36.1	24	0	27.4	22	0	37.7	16	0	33.5	21	0	57.1	15	0	39.9	23	0
15	UPB1088	IVT-IRFB-E7	42.1	17	0	57.7	8	0	51.7	15	0	37.0	9	1	39.9	13	0	38.0	12	0	47.3	22	0	44.8	17	0
16	PL911	IVT-IRFB-E15	45.0	14	0	57.5	9	0	38.6	23	0	29.3	21	0	47.8	2	1	42.0	5	0	76.7	2	1	48.2	9	0
17	PL915	IVT-IRFB-E1	39.8	22	0	51.9	16	0	53.0	12	0	24.3	25	0	43.5	5	1	39.0	8	0	64.5	11	0	45.1	15	0
18	PL917	IVT-IRFB-E10	47.0	10	0	51.9	16	0	63.5	2	1	32.3	17	0	35.5	22	0	34.5	20	0	74.2	4	1	48.4	8	0
19	PL920	IVT-IRFB-E21	39.0	23	0	51.4	18	0	50.5	17	0	31.1	19	0	40.6	10	1	35.3	16	0	36.2	25	0	40.6	22	0
20	DWRB215	IVT-IRFB-E17	37.3	24	0	64.0	3	0	42.9	19	0	31.1	18	0	37.0	18	0	36.0	14	0	59.9	13	0	44.0	19	0
21	BH 946 (C)	IVT-IRFB-E8	48.0	9	1	64.0	3	0	60.1	7	0	36.7	10	1	36.2	19	0	38.1	10	0	66.8	8	1	50.0	5	0
22	RD2552 (C)	IVT-IRFB-E12	43.6	15	0	56.0	12	0	60.6	5	0	35.9	11	1	39.2	15	0	35.3	17	0	55.8	16	0	46.6	14	0
23	DWRB137(C)	IVT-IRFB-E18	53.4	1	1	64.0	3	0	63.1	3	1	46.4	2	1	39.9	11	0	51.6	2	0	66.9	7	1	55.0	1	1
24	RD2899(C)	IVT-IRFB-E20	52.4	3	1	65.6	2	1	60.4	6	0	38.3	6	1	42.1	7	1	45.6	4	0	57.4	14	0	51.7	3	0
25	BH902(C)	IVT-IRFB-E9	41.4	19	0	45.2	24	0	53.3	11	0	33.1	14	0	36.2	19	0	41.1	6	0	53.2	19	0	43.4	20	0
Mean			45.3			55.3			51.4			35.1			39.4			37.9			59.8			46.3		
S.E.M			2.3			2.2			3.5			3.4			3.5			0.6			4.8			1.2		
C.D.			5.7			5.2			8.3			8.3			8.4			1.5			11.6			2.8		
C.V.			7.2			5.5			9.5			13.9			12.5			2.2			11.4					
D.O.S.			14.11.2019			13.11.19			10.11.2019			15.11.19			12.11.2019			11.11.2019			15.11.19					

Grain Yield Data (2019-20)

Trial: IVT-IR-TS-FB

Zone: NEPZ

SN	Entry	Code	Ranchi			Kanpur			Faizabad			Varanasi			CAU Pusa			Sabour			NEPZ		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	KB1816	IVT-IRFB-E6	46.7	15	0	45.3	10	0	33.2	14	0	42.1	18	0	33.0	12	0	38.8	9	0	39.9	16	0
2	KB1817	IVT-IRFB-E23	65.2	3	1	43.5	12	0	33.8	9	0	35.0	23	0	31.7	20	0	36.2	14	0	40.9	14	0
3	KB1822	IVT-IRFB-E5	50.0	10	0	48.9	5	0	34.0	7	0	50.7	7	0	32.2	17	0	45.7	3	1	43.6	4	1
4	HUB271	IVT-IRFB-E16	47.8	14	0	41.7	18	0	34.6	6	0	42.3	17	0	33.2	11	0	41.3	7	0	40.1	15	0
5	HUB272	IVT-IRFB-E25	58.7	5	1	48.9	5	0	33.4	13	0	30.2	25	0	30.8	22	0	46.6	2	1	41.4	11	0
6	NDB1738	IVT-IRFB-E4	38.0	22	0	23.6	25	0	32.8	19	0	48.9	9	0	29.7	25	0	28.4	22	0	33.6	25	0
7	BH1029	IVT-IRFB-E14	50.0	10	0	45.3	11	0	37.9	4	0	48.9	9	0	36.6	5	1	39.3	8	0	43.0	5	0
8	BH1030	IVT-IRFB-E24	50.0	10	0	52.5	3	0	30.3	24	0	34.3	24	0	32.6	14	0	21.3	24	0	36.8	22	0
9	BH1031	IVT-IRFB-E22	43.5	17	0	36.2	22	0	32.2	20	0	36.8	21	0	33.0	12	0	31.3	20	0	35.5	23	0
10	RD3011	IVT-IRFB-E3	56.5	6	0	63.4	1	1	31.5	21	0	47.1	11	0	31.7	21	0	42.0	5	0	45.4	2	1
11	RD3012	IVT-IRFB-E19	51.1	9	0	50.7	4	0	39.6	2	1	45.9	14	0	35.1	9	0	28.8	21	0	41.9	9	0
12	RD3013	IVT-IRFB-E11	43.5	17	0	38.0	21	0	33.1	17	0	46.5	12	0	33.7	10	0	38.1	11	0	38.8	20	0
13	RD3014	IVT-IRFB-E2	46.7	15	0	43.5	12	0	33.6	11	0	53.1	6	0	39.5	1	1	33.6	16	0	41.7	10	0
14	UPB1087	IVT-IRFB-E13	42.4	20	0	47.1	9	0	38.4	3	0	50.7	8	0	38.8	2	1	21.0	25	0	39.7	17	0
15	UPB1088	IVT-IRFB-E7	55.4	7	0	34.4	23	0	40.7	1	1	54.3	3	0	30.8	22	0	31.9	19	0	41.3	13	0
16	PL911	IVT-IRFB-E15	48.9	13	0	43.5	12	0	25.5	25	0	58.6	2	0	36.6	5	1	44.0	4	1	42.9	6	0
17	PL915	IVT-IRFB-E1	33.7	24	0	34.4	23	0	33.1	15	0	38.2	20	0	32.2	17	0	32.9	17	0	34.1	24	0
18	PL917	IVT-IRFB-E10	68.5	1	1	38.0	19	0	33.6	10	0	44.1	16	0	36.2	7	1	32.5	18	0	42.2	7	0
19	PL920	IVT-IRFB-E21	55.4	7	0	38.0	19	0	30.4	23	0	45.9	14	0	30.8	22	0	36.3	13	0	39.5	18	0
20	DWRB215	IVT-IRFB-E17	35.9	23	0	47.1	8	0	33.9	8	0	41.7	19	0	32.6	14	0	41.9	6	0	38.9	19	0
21	BH 946 (C)	IVT-IRFB-E8	60.9	4	1	54.7	2	1	33.6	12	0	46.5	12	0	36.1	8	1	34.1	15	0	44.3	3	1
22	RD2552 (C)	IVT-IRFB-E12	43.5	17	0	48.9	5	0	33.1	16	0	35.6	22	0	31.9	19	0	28.2	23	0	36.9	21	0
23	DWRB137(C)	IVT-IRFB-E18	39.1	21	0	43.5	12	0	30.6	22	0	65.2	1	1	32.6	14	0	36.9	12	0	41.3	12	0
24	RD2899(C)	IVT-IRFB-E20	68.5	1	1	43.5	12	0	32.8	18	0	53.7	5	0	37.0	4	1	38.8	10	0	45.7	1	1
25	BH902(C)	IVT-IRFB-E9	31.5	25	0	43.5	12	0	37.3	5	0	54.3	3	0	38.0	3	1	46.7	1	1	41.9	8	0
Mean			49.3			43.9			33.7			46.0			33.9			35.9			40.4		
S.E.M			3.5			3.6			0.5			1.6			1.6			1.8			1.0		
C.D.			8.4			8.6			1.2			3.9			3.8			4.4			2.3		
C.V.			9.9			11.5			2.1			5.0			6.5			7.1					
D.O.S.			22.11.2019			30.11.2019			15.11.2019			18.11.2019			20.11.2019			08.11.2019					

Grain Yield Data (2019-20)

Trial: IVT-IR-TS-FB

Zone: CZ

SN	Entry	Code	Vijapur			Udaipur			Gwalior			Morena			CZ			Over All		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	KB1816	IVT-IRFB-E6	46.7	6	0	44.3	18	0	66.9	4	1	40.2	20	0	49.5	12	0	45.9	11	0
2	KB1817	IVT-IRFB-E23	25.4	25	0	53.6	5	1	61.3	13	1	40.0	21	0	45.1	23	0	40.9	24	0
3	KB1822	IVT-IRFB-E5	43.0	11	0	55.1	4	1	64.0	10	1	56.8	3	1	54.7	2	1	47.8	4	0
4	HUB271	IVT-IRFB-E16	43.5	9	0	32.1	25	0	59.0	18	1	38.5	23	0	43.3	25	0	41.4	23	0
5	HUB272	IVT-IRFB-E25	29.7	22	0	44.9	17	0	61.0	14	1	43.0	17	0	44.6	24	0	47.7	5	0
6	NDB1738	IVT-IRFB-E4	28.4	24	0	46.3	15	0	64.9	6	1	46.3	16	1	46.5	20	0	38.6	25	0
7	BH1029	IVT-IRFB-E14	41.2	15	0	55.6	2	1	64.4	8	1	54.2	8	1	53.8	5	1	47.1	8	0
8	BH1030	IVT-IRFB-E24	40.5	17	0	46.7	14	0	55.0	24	0	54.2	9	1	49.1	13	0	44.2	16	0
9	BH1031	IVT-IRFB-E22	36.6	20	0	39.4	22	0	50.7	25	0	54.4	6	1	45.3	22	0	42.8	19	0
10	RD3011	IVT-IRFB-E3	49.5	2	0	48.6	11	0	64.0	9	1	47.2	15	1	52.4	8	1	48.3	3	1
11	RD3012	IVT-IRFB-E19	42.5	13	0	53.6	7	1	71.0	1	1	41.5	19	0	52.1	9	1	45.6	12	0
12	RD3013	IVT-IRFB-E11	42.8	12	0	59.3	1	1	60.4	16	1	55.0	4	1	54.4	3	1	44.9	15	0
13	RD3014	IVT-IRFB-E2	40.5	18	0	45.8	16	0	60.2	17	1	57.7	2	1	51.1	11	1	47.4	7	0
14	UPB1087	IVT-IRFB-E13	47.4	5	0	35.2	24	0	64.4	7	1	41.8	18	0	47.2	18	0	41.5	22	0
15	UPB1088	IVT-IRFB-E7	61.2	1	1	42.4	21	0	56.9	21	0	60.5	1	1	55.2	1	1	46.0	10	0
16	PL911	IVT-IRFB-E15	35.0	21	0	48.3	12	0	55.2	23	0	54.3	7	1	48.2	15	0	46.3	9	0
17	PL915	IVT-IRFB-E1	45.4	7	0	44.0	19	0	61.5	11	1	36.1	25	0	46.8	19	0	41.6	21	0
18	PL917	IVT-IRFB-E10	29.1	23	0	55.3	3	1	57.2	20	0	39.6	22	0	45.3	21	0	45.5	13	0
19	PL920	IVT-IRFB-E21	37.0	19	0	48.8	10	0	55.3	22	0	47.8	14	1	47.3	17	0	41.8	20	0
20	DWRB215	IVT-IRFB-E17	49.1	3	0	39.4	23	0	68.2	3	1	49.2	13	1	51.5	10	1	44.0	17	0
21	BH 946 (C)	IVT-IRFB-E8	42.1	14	0	43.6	20	0	68.6	2	1	36.6	24	0	47.7	16	0	47.5	6	0
22	RD2552 (C)	IVT-IRFB-E12	40.6	16	0	47.7	13	0	58.0	19	0	49.4	12	1	48.9	14	0	43.7	18	0
23	DWRB137(C)	IVT-IRFB-E18	43.4	10	0	53.5	8	1	66.7	5	1	53.5	10	1	54.3	4	1	50.0	1	1
24	RD2899(C)	IVT-IRFB-E20	48.3	4	0	51.3	9	1	61.3	12	1	50.7	11	1	52.9	7	1	49.9	2	1
25	BH902(C)	IVT-IRFB-E9	43.8	8	0	53.6	6	1	60.7	15	1	54.6	5	1	53.2	6	1	45.1	14	0
Mean			41.3			47.5			61.5			48.1			49.6			45.0		
S.E.M			2.9			3.5			4.9			6.5			2.3			0.8		
C.D.			7.2			8.5			12.0			16.0			5.4			1.9		
C.V.			9.9			10.3			11.2			19.0								
D.O.S.			07.11.2019			25.11.2019			18.11.2019			21.11.2019								

Summary of ancillary and disease data (Rabi 2019-20)

IVT-IR-TS- FB

ZONE: NWPZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	SL	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1816	IVT-IRFB-E6	88 (72-100)	131 (116-149)	103 (87-116)	125 (96-173)		6R		37 (28-45)	H			24
2	KB1817	IVT-IRFB-E23	89 (72-102)	132 (118-147)	105 (92-116)	123 (100-182)		6R		39 (35-48)	H			34
3	KB1822	IVT-IRFB-E5	95 (74-106)	129 (117-151)	102 (90-117)	150 (95-262)		6R		41 (34-49)	H			23
4	HUB271	IVT-IRFB-E16	89 (70-104)	129 (116-143)	107 (95-123)	111 (74-153)		6R		44 (35-52)	H			34
5	HUN272	IVT-IRFB-E25	89 (71-100)	133 (123-149)	104 (100-111)	124 (76-203)		6R		38 (27-50)	H			24
6	NDB1738	IVT-IRFB-E4	85 (70-97)	136 (120-154)	103 (95-120)	133 (86-209)		6R		39 (34-47)	H			34
7	BH1029	IVT-IRFB-E14	92 (79-101)	132 (118-149)	102 (97-107)	113 (84-150)		6R		40 (33-48)	H			24
8	BH1030	IVT-IRFB-E24	91 (76-99)	133 (120-150)	104 (94-126)	130 (96-210)		6R		45 (39-53)	H			35
9	BH1031	IVT-IRFB-E22	90 (72-101)	135 (124-152)	108 (99-113)	141 (98-244)		6R		43 (34-53)	H			13
10	RD3011	IVT-IRFB-E3	89 (72-101)	131 (119-146)	102 (94-112)	147 (92-292)		6R		43 (35-54)	H			14
11	RD3012	IVT-IRFB-E19	83 (67-96)	132 (116-148)	99 (88-110)	103 (98-110)		6R		39 (34-45)	H			24
12	RD3013	IVT-IRFB-E11	91 (71-104)	130 (111-150)	93 (83-104)	131 (108-180)		6R		37 (31-44)	H			13
13	RD3014	IVT-IRFB-E2	89 (69-101)	132 (119-147)	100 (93-112)	126 (88-218)		6R		44 (39-48)	H			24
14	UPB1087	IVT-IRFB-E13	91 (76-101)	135 (126-151)	112 (94-132)	117 (105-132)		6R		41 (33-48)	H			13
15	UPB1088	IVT-IRFB-E7	84 (66-98)	134 (122-150)	105 (96-116)	111 (80-163)		6R		43 (37-47)	H			13
16	PL911	IVT-IRFB-E15	88 (70-98)	133 (119-153)	103 (94-117)	115 (90-177)		6R		39 (30-48)	H			23
17	PL915	IVT-IRFB-E1	120 (112-126)	130 (119-147)	102 (91-114)	149 (80-232)		6R		36 (31-42)	H			13
18	PL917	IVT-IRFB-E10	92 (77-102)	132 (118-154)	108 (100-120)	145 (100-230)		6R		43 (37-50)	H			24
19	PL920	IVT-IRFB-E21	91 (74-102)	131 (118-147)	103 (92-123)	153 (104-257)		6R		47 (36-56)	H			36
20	DWRB215	IVT-IRFB-E17	83 (66-97)	129 (119-147)	91 (81-100)	103 (79-137)		6R		42 (35-47)	H			45
21	BH 946 (C)	IVT-IRFB-E8	87 (70-99)	129 (113-149)	100 (75-113)	126 (99-167)		6R		44 (38-52)	H			25
22	RD2552 (C)	IVT-IRFB-E12	85 (69-98)	135 (125-147)	102 (91-123)	144 (110-240)		6R		39 (32-46)	H			34
23	DWRB137 (C)	IVT-IRFB-E18	84 (68-92)	127 (108-147)	95 (75-120)	125 (104-171)		6R		48 (44-55)	H			35
24	RD2899 (C)	IVT-IRFB-E20	88 (71-100)	133 (122-154)	100 (97-105)	177 (112-370)		6R		46 (34-56)	H			35
25	BH902 (C)	IVT-IRFB-E9	87 (69-100)	138 (124-155)	100 (92-105)	133 (97-222)		6R		44 (32-54)	H			13

Summary of ancillary and disease data (Rabi 2019-20)

IVT-IR-TS- FB

ZONE: NEPZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean& Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height (cm)	Tillering per meter	SL (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	KB1816	IVT-IRFB-E6	75(64-93)	115 (93-134)	90 (74-118)	125 (96-173)	-	6R	-	39(32-48)	H	0	-	68
2	KB1817	IVT-IRFB-E23	84 (78-88)	121(113-125)	95 (79-113)	123(100-182)	-	6R	-	40 (32-48)	H	0.1	-	46
3	KB1822	IVT-IRFB-E5	80 (74-85)	118 (103-129)	92 (85-103)	150(95-262)	-	6R	-	41 (34-49)	H	0.1	-	67
4	HUB271	IVT-IRFB-E16	75 (64-91)	116(92-132)	97 (78-108)	111 (74-153)	-	6R	-	42 (34-49)	H	0	-	35
5	HU6272	IVT-IRFB-E25	77 (67-86)	115(98-123)	97 (80-109)	124 (76-203)	-	6R	-	41 (34-48)	H	0	-	35
6	NDB1738	IVT-IRFB-E4	84(73-88)	118(95-127)	97(82-116)	133(86-209)	-	6R	-	40 (36-46)	H	0.1	-	35
7	BH1029	IVT-IRFB-E14	82 (75-87)	119 (106-125)	97 (84-114)	113 (84-150)	-	6R	-	41 (36-48)	H	0.1	-	35
8	BH1030	IVT-IRFB-E24	82 (76-87)	119 (106-127)	94 (76-103)	130 (96-210)	-	6R	-	41 (32-48)	H	0	-	68
9	BH1031	IVT-IRFB-E22	81 (73-94)	119 (102-135)	105 (98-113)	141 (98-244)	-	6R	-	41 (35-50)	H	0	-	57
10	RD3011	IVT-IRFB-E3	75 (62-86)	114 (92-125)	93 (78-98)	147 (92-292)	-	6R	-	41 (32-48)	H	0	-	35
11	RD3012	IVT-IRFB-E19	78 (68-90)	117 (100-130)	93 (66-100)	103 (98-110)	-	6R	-	40 (34-48)	H	0	-	68
12	RD3013	IVT-IRFB-E11	80 (73-90)	118 (102-130)	89 (75-109)	131 (108-180)	-	6R	-	40 (34-52)	H	0	-	46
13	RD3014	IVT-IRFB-E2	80 (70-91)	118 (100-130)	90 (72-100)	126 (88-218)	-	6R	-	42 (35-48)	H	0	-	57
14	UPB1087	IVT-IRFB-E13	83 (77-91)	120 (107-132)	106 (86-113)	117 (105-132)	-	6R	-	39 (32-44)	H	0	-	35
15	UPB1088	IVT-IRFB-E7	81 (72-93)	118 (101-134)	97 (71-108)	111 (80-163)	-	6R	-	41 (34-50)	H	0	-	57
16	PL911	IVT-IRFB-E15	81 (72-89)	117 (101-128)	92 (76-113)	115 (90-177)	-	6R	-	41 (34-45)	H	0	-	46
17	PL915	IVT-IRFB-E1	79 (60-93)	117 (95-133)	92 (77-105)	149 (80-232)	-	6R	-	37 (32-40)	H	0	-	78
18	PL917	IVT-IRFB-E10	83 (75-94)	121 (106-136)	95 (75-118)	145 (100-230)	-	6R	-	39 (35-46)	H	0	-	57
19	PL920	IVT-IRFB-E21	80 (72-89)	117 (101-130)	93 (74-105)	153 (104-257)	-	6R	-	42 (36-52)	H	0	-	79
20	DWRB215	IVT-IRFB-E17	78 (68-96)	117 (99-137)	82 (70-98)	103 (79-137)	-	6R	-	43 (34-52)	H	0	-	68
21	BH 946(C)	IVT-IRFB-E8	80 (71-94)	118 (102-136)	95 (82-115)	126 (99-167)	-	6R	-	42 (36-49)	H	0.1	-	35
22	RD2552(C)	IVT-IRFB-E12	84 (78-93)	122 (113-135)	93 (82-101)	144 (110-240)	-	6R	-	39 (32-46)	H	0	-	45
23	DWRB137(C)	IVT-IRFB-E18	75 (63-88)	115 (97-127)	79 (59-108)	125 (104-171)	-	6R	-	45 (38-52)	H	0	-	57
24	RD2899 (C)	IVT-IRFB-E20	82 (72-87)	120 (110-128)	94 (81-102)	177 (112-370)	-	6R	-	44 (34-52)	H	0	-	35
25	BH902(C)	IVT-IRFB-E9	83 (76-92)	121 (105-134)	96 (76-113)	133 (97-222)	-	6R	-	43 (38-49)	H	0.1	-	57

Summary of ancillary and disease data (Rabi 2019-20)

IVT-IR-TS- FB

ZONE: CZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			DISEASE REACTION		
			H. days	M. days	Height	Tillering per meter	SL	2-6 Row	Colour	1000 g.w (g)	H/N	YR	LR	Leaf Blight
1	KB1816	IVT-IRFB-E6	68 (46-88)	108 (85-116)	79 (62-98)	133 (93-163)	-	6R	-	40 (34-46)	H	-	-	-
2	KB1817	IVT-IRFB-E23	78 (69-91)	111 (98-121)	88 (74-104)	120 (84-145)	-	6R	-	43 (39-45)	H	-	-	-
3	KB1822	IVT-IRFB-E5	76 (66-92)	114 (101-123)	90 (70-103)	123 (76-161)	-	6R	-	46 (44-48)	H	-	-	-
4	HUB271	IVT-IRFB-E16	67 (44-80)	109 (94-118)	93 (71-110)	111 (61-176)	-	6R	-	43 (29-52)	H	-	-	-
5	HUB272	IVT-IRFB-E25	75 (63-95)	111 (96-118)	91 (78-105)	122 (75-167)	-	6R	-	42 (41-42)	H	-	-	-
6	NDB1738	IVT-IRFB-E4	77 (59-88)	112 (90-127)	90 (68-102)	122 (92-161)	-	6R	-	44 (40-48)	H	-	-	-
7	BH1029	IVT-IRFB-E14	75 (59-95)	110 (92-118)	87 (65-109)	121 (65-166)	-	6R	-	45 (40-48)	H	-	-	-
8	BH1030	IVT-IRFB-E24	72 (64-79)	113 (99-119)	80 (63-101)	135 (92-165)	-	6R	-	48 (42-52)	H	-	-	-
9	BH1031	IVT-IRFB-E22	70 (57-76)	112 (102-120)	99 (76-117)	108 (68-152)	-	6R	-	45 (42-46)	H	-	-	-
10	RD3011	IVT-IRFB-E3	72 (51-91)	109 (90-122)	94 (80-110)	133 (80-166)	-	6R	-	45 (41-52)	H	-	-	-
11	RD3012	IVT-IRFB-E19	74 (51-92)	109 (87-122)	90 (70-106)	114 (73-141)	-	6R	-	48 (42-58)	H	-	-	-
12	RD3013	IVT-IRFB-E11	72 (52-91)	110 (91-120)	79 (58-94)	123 (98-163)	-	6R	-	40 (34-45)	H	-	-	-
13	RD3014	IVT-IRFB-E2	71 (55-80)	112 (93-124)	89 (65-101)	127 (83-172)	-	6R	-	46 (43-53)	H	-	-	-
14	UPB1087	IVT-IRFB-E13	76 (64-83)	115 (104-124)	108 (94-124)	121 (82-157)	-	6R	-	44 (39-48)	H	-	-	-
15	UPB1088	IVT-IRFB-E7	75 (57-92)	114 (103-124)	103 (86-113)	107 (70-141)	-	6R	-	46 (41-51)	H	-	-	-
16	PL911	IVT-IRFB-E15	72 (59-80)	113 (98-122)	92 (60-112)	110 (67-151)	-	6R	-	42 (40-43)	H	-	-	-
17	PL915	IVT-IRFB-E1	73 (53-88)	113 (91-126)	90 (72-106)	105 (52-150)	-	6R	-	42 (40-44)	H	-	-	-
18	PL917	IVT-IRFB-E10	74 (60-83)	110 (94-121)	90 (62-109)	114 (88-141)	-	6R	-	44 (41-47)	H	-	-	-
19	PL920	IVT-IRFB-E21	76 (55-92)	111 (91-124)	90 (75-107)	108 (87-144)	-	6R	-	52 (47-57)	H	-	-	-
20	DWRB215	IVT-IRFB-E17	73 (57-91)	109 (92-119)	84 (69-97)	112 (77-141)	-	6R	-	45 (41-49)	H	-	-	-
21	BH 946 (C)	IVT-IRFB-E8	72 (55-89)	109 (92-117)	89 (70-110)	129 (80-214)	-	6R	-	47 (41-51)	H	-	-	-
22	RD2552 (C)	IVT-IRFB-E12	78 (66-91)	114 (105-124)	84 (71-94)	136 (116-162)	-	6R	-	46 (43-49)	H	-	-	-
23	DWRB137 (C)	IVT-IRFB-E18	72 (60-88)	109 (94-117)	70 (55-82)	112 (60-163)	-	6R	-	49 (45-50)	H	-	-	-
24	RD2899 (C)	IVT-IRFB-E20	74 (61-88)	110 (94-118)	95 (69-108)	119 (78-153)	-	6R	-	47 (43-50)	H	-	-	-
25	BH902 (C)	IVT-IRFB-E9	76 (63-83)	113 (103-123)	92 (65-104)	114 (86-166)	-	6R	-	46 (43-48)	H	-	-	-

Grain Yield Data (2019-20)

Trial: IVT-RF-TS

Zone: NHZ

SN	Entry	Code	Bertheim			Almora			Kangra			Malan			Majhera		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	BHS478	NHGBZ 1902	24.72	10	0	33.76	15	0	20.96	16	0	44.23	4	0	46.33	4	1
2	BHS479	NHGBZ 1917	27.80	6	0	30.65	19	0	34.64	2	1	38.87	9	0	50.21	1	1
3	BHS480	NHGBZ 1920	23.52	13	0	35.02	13	0	27.03	9	0	43.45	5	0	44.00	7	0
4	BHS481	NHGBZ 1907	20.50	16	0	36.08	12	0	27.15	8	0	41.13	6	0	44.51	5	1
5	BHS482	NHGBZ 1908	17.96	19	0	37.77	8	0	32.97	3	0	39.64	7	0	49.43	2	1
6	UPB1083	NHGBZ 1915	16.36	20	0	41.67	4	0	17.04	20	0	31.10	18	0	39.08	11	0
7	UPB1084	NHGBZ 1911	19.25	17	0	31.70	18	0	30.43	5	0	26.49	21	0	37.53	15	0
8	UPB1085	NHGBZ 1905	18.14	18	0	46.65	1	1	34.71	1	1	38.48	10	0	43.12	8	0
9	VLB165	NHGBZ 1922	23.96	12	0	43.63	3	1	18.87	19	0	32.08	16	0	44.25	6	0
10	VLB166	NHGBZ 1903	25.47	8	0	33.97	14	0	31.88	4	0	33.36	14	0	38.04	13	0
11	VLB167	NHGBZ 1918	25.16	9	0	36.08	10	0	25.74	11	0	28.27	19	0	33.39	19	0
12	VLB168	NHGBZ 1914	28.62	5	0	27.51	21	0	28.17	7	0	35.12	11	0	41.41	9	0
13	VLB169	NHGBZ 1909	29.04	4	0	39.70	6	0	25.78	10	0	39.11	8	0	34.94	17	0
14	HBL864,	NHGBZ 1919	22.00	15	0	27.17	22	0	22.96	15	0	25.95	22	0	32.09	20	0
15	HBL865	NHGBZ 1913	22.55	14	0	46.50	2	1	18.97	18	0	46.01	2	0	38.56	12	0
16	HBL866	NHGBZ 1910	15.92	21	0	37.59	9	0	16.52	21	0	33.96	13	0	33.90	18	0
17	HBL867	NHGBZ 1901	25.67	7	0	32.46	17	0	24.33	14	0	31.37	17	0	37.27	16	0
18	HBL868	NHGBZ 1904	13.28	22	0	40.46	5	0	20.86	17	0	32.92	15	0	28.99	21	0
19	HBL113(C)	NHGBZ 1912	30.98	3	1	36.08	10	0	25.64	12	0	44.64	3	0	39.34	10	0
20	BHS352(C)	NHGBZ 1906	24.15	11	0	29.74	20	0	15.91	22	0	27.92	20	0	27.69	22	0
21	VLB118(C)	NHGBZ 1916	33.26	2	1	39.55	7	0	25.22	13	0	34.46	12	0	47.88	3	1
22	BHS400(C)	NHGBZ 1921	35.53	1	1	33.67	16	0	28.50	6	0	53.69	1	1	38.04	13	0
		G.M.	23.81			36.25			25.19			36.47			39.54		
		S.E.(M)	1.61			1.68			0.37			2.05			2.46		
		C.D.	3.81			3.97			0.87			4.85			5.81		
		C.V.	13.55			9.27			2.93			11.25			12.44		
		DOS	26.10.2019			16.10.19			9.11.19			7.11.19			7.11.19		

Grain Yield Data (2019-20)

Trial: IVT-RF-TS

Zone: NHZ

SN	Entry	Code	Bajaura			Shimla			Rajauri			Katrain			NHZ		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	BHS478	NHGBZ 1902	24.84	22	0	25.89	1	1	31.04	19	0	39.27	11	0	32.3	12	0
2	BHS479	NHGBZ 1917	33.23	10	0	19.57	7	0	26.92	21	0	49.48	2	1	34.6	4	0
3	BHS480	NHGBZ 1920	31.68	12	0	20.50	5	0	26.37	22	0	43.62	6	0	32.8	11	0
4	BHS481	NHGBZ 1907	30.20	16	0	21.12	3	0	68.75	1	1	37.34	13	0	36.3	3	1
5	BHS482	NHGBZ 1908	37.73	5	0	19.25	8	0	58.05	2	0	34.64	15	0	36.4	2	1
6	UPB1083	NHGBZ 1915	42.00	2	1	15.82	18	0	27.43	20	0	45.76	4	0	30.7	16	0
7	UPB1084	NHGBZ 1911	29.66	17	0	17.26	13	0	32.41	17	0	30.92	19	0	28.4	18	0
8	UPB1085	NHGBZ 1905	31.21	13	0	15.95	17	0	35.14	12	0	41.20	7	0	33.8	8	0
9	VLB165	NHGBZ 1922	43.09	1	1	17.29	12	0	43.48	6	0	39.89	10	0	34.1	7	0
10	VLB166	NHGBZ 1903	29.66	17	0	18.06	10	0	35.20	11	0	38.30	12	0	31.5	14	0
11	VLB167	NHGBZ 1918	33.77	8	0	15.45	19	0	42.26	7	0	40.92	8	0	31.2	15	0
12	VLB168	NHGBZ 1914	38.04	4	0	20.65	4	0	46.28	4	0	40.86	9	0	34.1	6	0
13	VLB169	NHGBZ 1909	33.31	9	0	19.95	6	0	35.76	9	0	31.61	17	0	32.1	13	0
14	HBL864,	NHGBZ 1919	31.06	14	0	17.02	14	0	33.89	14	0	31.95	16	0	27.1	20	0
15	HBL865	NHGBZ 1913	32.22	11	0	16.15	15	0	46.24	5	0	31.12	18	0	33.1	10	0
16	HBL866	NHGBZ 1910	27.41	21	0	13.53	21	0	32.21	18	0	25.95	20	0	26.3	21	0
17	HBL867	NHGBZ 1901	35.40	7	0	17.47	11	0	35.21	10	0	36.44	14	0	30.6	17	0
18	HBL868	NHGBZ 1904	28.26	20	0	16.02	16	0	33.07	16	0	20.15	21	0	26.0	22	0
19	HBL113(C)	NHGBZ 1912	35.48	6	0	18.56	9	0	33.87	15	0	46.58	3	0	34.6	5	0
20	BHS352(C)	NHGBZ 1906	38.12	3	0	14.51	20	0	47.26	3	0	19.53	22	0	27.2	19	0
21	VLB118(C)	NHGBZ 1916	30.67	15	0	12.84	22	0	34.38	13	0	44.38	5	0	33.6	9	0
22	BHS400(C)	NHGBZ 1921	28.80	19	0	24.26	2	0	35.83	8	0	50.17	1	1	36.5	1	1
		G.M.	32.99			18.05			38.23			37.28			32.0		
		S.E.(M)	1.31			0.20			1.98			0.91			0.525		
		C.D.	3.08			0.46			4.67			2.17			1.2		
		C.V.	7.92			2.17			10.33			4.25					
		DOS	1.11.2019			8.11.19			20.11.19			9.11.19					

Summary of ancillary and disease data (Rabi 2019-20)

Advance Varietal Trial –RF-TS

ZONE: NHZ

SN	ENTRY	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			Disease reaction		
			H. days	M. days	Height (cm)	Tillering per meter	SL (cm)	2/6 Row	Colour	1000 g.w (g)	H/N	Rust		Leaf Blight
												YR	LR	
1	BHS478	NHGBZ 1902	126 (106-154)	169 (110-193)	105 (86-127)	123 (64-273)	-	6	Y	59 (38-144)	H	-	0	-
2	BHS479	NHGBZ 1917	116 (96-145)	165 (106-189)	104 (83-126)	121 (49-302)	-	6	Y	55 (34-137)	H	-	0	-
3	BHS480	NHGBZ 1920	117 (88-145)	166 (105-193)	96 (73-115)	119 (54-307)	-	6	Y	57 (38-137)	H	-	0	-
4	BHS481	NHGBZ 1907	126 (106-148)	171 (125-193)	102 (79-123)	132 (73-351)	-	6	Y	55 (35-145)	H	-	0	-
5	BHS482	NHGBZ 1908	117 (93-142)	166 (120-187)	95 (80-112)	118 (55-312)	-	6	Y	58 (35-137)	H	-	1	-
6	UPB1083	NHGBZ 1915	112 (91-145)	163 (107-193)	90 (68-114)	123 (60-312)	-	6	Y	54 (36-135)	H	-	2	-
7	UPB1084	NHGBZ 1911	113 (86-143)	166 (111-193)	90 (72-110)	124 (58-362)	-	6	Y	55 (35-136)	H	-	3	-
8	UPB1085	NHGBZ 1905	113 (91-142)	164 (115-187)	100 (81-115)	124 (66-335)	-	6	Y	53 (33-135)	H	-	0	-
9	VLB165	NHGBZ 1922	115 (94-144)	163 (115-187)	98 (70-113)	121 (52-328)	-	6	A	54 (36-136)	N	-	0	-
10	VLB166	NHGBZ 1903	121 (98-150)	168 (112-193)	95 (79-118)	121 (58-332)	-	6	A	50 (23-140)	N	-	3	-
11	VLB167	NHGBZ 1918	116 (97-144)	166 (112-187)	96 (82-115)	119 (45-317)	-	6	A	55 (33-138)	N	-	0	-
12	VLB168	NHGBZ 1914	115 (87-144)	165 (116-185)	95 (80-114)	111 (50-302)	-	6	Y	51 (31-136)	H	-	0	-
13	VLB169	NHGBZ 1909	120 (100-143)	165 (112-185)	96 (69-122)	150 (79-425)	-	2	Y	56 (35-139)	H	-	5	-
14	HBL864,	NHGBZ 1919	115 (94-143)	165 (109-190)	101 (85-123)	110 (47-289)	-	6	Y	53 (36-136)	H	-	0	-
15	HBL865	NHGBZ 1913	121 (102-147)	167 (115-189)	102 (81-118)	143 (77-380)	-	2	Y	58 (38-142)	H	-	0	-
16	HBL866	NHGBZ 1910	118 (99-143)	166 (108-188)	100 (89-119)	125 (42-360)	-	6	Y	51 (32-138)	H	-	0	-
17	HBL867	NHGBZ 1901	117 (99-142)	165 (114-185)	100 (77-121)	125 (52-337)	-	6	Y	52 (35-138)	H	-	0	-
18	HBL868	NHGBZ 1904	122 (104-143)	169 (110-192)	91 (65-122)	129 (55-319)	-	6	Y	55 (34-144)	H	-	0	-
19	HBL113 (C)	NHGBZ 1912	124 (106-147)	168 (110-191)	101 (72-125)	151 (76-411)	-	2	Y	56 (35-144)	H	-	3	-
20	BHS352 (C)	NHGBZ 1906	118 (95-146)	164 (118-189)	98 (84-119)	109 (43-282)	-	6	A	55 (38-138)	N	-	0	-
21	VLB118 (C)	NHGBZ 1916	116 (95-145)	164 (109-188)	97 (71-114)	119 (41-300)	-	6	Y	56 (32-136)	H	-	0	-
22	BHS 400 (C)	NHGBZ 1921	121 (104-146)	167 (113-193)	100 (77-117)	127 (64-308)	-	6	Y	54 (31-141)	H	-	0	-

Grain Yield Data (2019-20)

Trial: IVT-RF-TS

Zone: NEPZ

SN	Varieties	Code No.	Kanpur			Saini			Varanasi			Faizabad			Chianki		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	KB1815	IVT-RF-FB-NEPZ-10	40.1	9	0	33.3	6	0	6.8	15	0	27.8	9	1	36.6	4	0
2	KB1830	IVT-RF-FB-NEPZ-2	40.6	8	0	31.5	8	0	21.1	10	0	28.7	6	1	45.0	1	1
3	KB1832	IVT-RF-FB-NEPZ-14	51.6	2	1	32.6	7	0	22.5	9	0	29.9	1	1	32.9	6	0
4	HUB69	IVT-RF-FB-NEPZ-7	35.1	13	0	26.1	10	0	33.4	4	0	29.8	2	1	30.4	8	0
5	HUB270	IVT-RF-FB-NEPZ-9	24.5	15	0	21.7	12	0	36.2	3	0	26.9	13	0	34.9	5	0
6	NDB1748	IVT-RF-FB-NEPZ-1	38.0	11	0	18.8	14	0	30.1	5	0	29.0	4	1	27.1	11	0
7	RD3019	IVT-RF-FB-NEPZ-11	42.2	6	0	30.1	9	0	23.1	8	0	22.9	15	0	30.1	9	0
8	RD3020	IVT-RF-FB-NEPZ-3	51.2	3	1	34.4	4	0	30.0	6	0	27.7	12	1	38.2	3	0
9	RD3021	IVT-RF-FB-NEPZ-15	41.3	7	0	44.2	1	1	15.1	12	0	27.7	11	1	20.3	14	0
10	RD3022	IVT-RF-FB-NEPZ-6	45.0	5	0	38.0	2	0	19.4	11	0	28.1	7	1	25.6	12	0
11	PL918	IVT-RF-FB-NEPZ-13	52.1	1	1	35.3	3	0	9.6	14	0	28.0	8	1	19.3	15	0
12	PL925	IVT-RF-FB-NEPZ-8	38.8	10	0	19.9	13	0	11.3	13	0	24.2	14	0	21.6	13	0
13	DWRB213	IVT-RF-FB-NEPZ-4	50.0	4	1	33.5	5	0	29.8	7	0	28.9	5	1	32.9	7	0
14	K 603 (C)	IVT-RF-FB-NEPZ-12	26.8	14	0	18.5	15	0	43.7	1	1	27.8	9	1	28.7	10	0
15	Lakhan (C)	IVT-RF-FB-NEPZ-5	36.0	12	0	25.4	11	0	41.1	2	1	29.6	3	1	41.3	2	1
		G.M.	40.9			29.6			24.9			27.8			31.0		
		S.E.(M)	1.8			1.6			1.3			1.1			1.9		
		C.D.	4.2			3.8			3.2			2.6			4.4		
		C.V.	8.7			10.7			10.7			7.8			12.0		
		DOS	10.11.2019			09.11.2019			07.11.2019			08.11.2019			10.11.2019		

Grain Yield Data (2019-20)

Trial: IVT-RF-TS

Zone: NEPZ

SN	Varieties	Code No.	Ranchi			Pusa (CAU)			Sabour			Pooled		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	KB1815	IVT-RF-FB-NEPZ-10	36.4	6	0	12.3	15	0	19.9	10	0	26.7	11	0
2	KB1830	IVT-RF-FB-NEPZ-2	48.9	1	1	27.2	7	0	23.1	7	0	33.3	4	1
3	KB1832	IVT-RF-FB-NEPZ-14	46.2	3	1	30.1	4	0	23.3	6	0	33.6	3	1
4	HUB69	IVT-RF-FB-NEPZ-7	48.4	2	1	32.4	2	1	24.8	4	0	32.5	5	0
5	HUB270	IVT-RF-FB-NEPZ-9	25.5	15	0	34.1	1	1	20.4	9	0	28.0	10	0
6	NDB1748	IVT-RF-FB-NEPZ-1	37.0	4	0	28.3	5	0	19.7	11	0	28.5	9	0
7	RD3019	IVT-RF-FB-NEPZ-11	32.6	10	0	16.3	11	0	7.5	15	0	25.6	12	0
8	RD3020	IVT-RF-FB-NEPZ-3	31.5	12	0	25.7	8	0	20.4	8	0	32.4	6	0
9	RD3021	IVT-RF-FB-NEPZ-15	29.9	14	0	12.5	14	0	8.4	14	0	24.9	13	0
10	RD3022	IVT-RF-FB-NEPZ-6	34.2	9	0	14.5	12	0	24.4	5	0	28.7	8	0
11	PL918	IVT-RF-FB-NEPZ-13	32.0	11	0	13.8	13	0	9.2	13	0	24.9	14	0
12	PL925	IVT-RF-FB-NEPZ-8	30.4	13	0	22.1	10	0	18.8	12	0	23.4	15	0
13	DWRB213	IVT-RF-FB-NEPZ-4	37.0	4	0	28.3	5	0	31.1	2	1	33.9	2	1
14	K 603 (C)	IVT-RF-FB-NEPZ-12	34.8	8	0	23.9	9	0	28.7	3	1	29.1	7	0
15	Lakhan (C)	IVT-RF-FB-NEPZ-5	35.9	7	0	30.8	3	0	31.6	1	1	33.9	1	1
G.M.			36.0			23.5			20.7			29.3		
S.E.(M)			2.3			0.9			1.8			0.6		
C.D.			5.4			2.3			4.2			1.3		
C.V.			12.6			8.1			16.9					
DOS			10.11.2019			10.11.2019			10.11.2019					

Ancillary Data of Barley Trial (2019-20)

Trial: IVT (Rainfed)

ZONE: NEPZ

SN	Varieties	Code	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS				Disease reaction			
			H. days	M. days	Height (cm)	Tillering /m	SL (cm)	2/6R	Colour	1000 g.w	H/N	Rusts		Leaf Blight		
												YR	LR	NB	SB*	
1	KB1815	IVT-RF-FB-10	88 (70-104)	125 (104-132)	91.5 (78-114)	90 (52-129)	7.8 (6.5-9.0)	6	LY	44.6 (32.0-60.6)	H	-	-	-	24 (57)	
2	KB1830	IVT-RF-FB--2	82 (67-94)	120 (103-125)	90.3 (78-106)	101 (65-146)	8.3 (6.6-10.0)	6	LY	43.4 (32.0-52.6)	H	-	-	-	24 (46)	
3	KB1832	IVT-RF-FB-14	80 (69-89)	120 (110-128)	92.0 (78-118)	102 (65-151)	9.2 (9.0-9.9)	6	LY	45.1 (32.0-64.6)	H	-	-	-	13 (46)	
4	HUB69	IVT-RF-FB-7	79 (74-84)	120 (111-128)	91.0 (78-111)	107 (83-156)	7.9 (7.2-8.5)	6	LY	44.1 (32.0-57.6)	H	-	-	-	24 (68)	
5	HUB270	IVT-RF-FB-9	71 (64-80)	112 (104-128)	91.3 (78-113)	95 (74-111)	7.6 (7.0-9.0)	6	LY	44.4 (32.0-59.6)	H	-	-	-	13 (35)	
6	NDB1748	IVT-RF-FB-1	79 (66-91)	119 (100-126)	90.2 (78-105)	110 (55-224)	8.6 (7.5-9.5)	6	LY	43.3 (32.0-51.6)	H	-	-	-	12 (35)	
7	RD3019	IVT-RF-FB-11	81 (76-84)	120 (114-130)	91.6 (78-115)	92 (55-122)	9.0 (8.0-10.5)	6	LY	44.3 (2.0-61.6)	H	-	-	-	67 (79)	
8	RD3020	IVT-RF-FB--3	79 (74-84)	120 (115-126)	90.5 (78-107)	103 (78-138)	8.0 (6.2-9.1)	6	LY	43.6 (32.0-53.6)	H	-	-	-	35 (68)	
9	RD3021	IVT-RF-FB-15	77 (66-83)	117 (107-130)	92.2 (78-119)	94 (64-128)	9.6 (7.8-12.0)	6	LY	45.3 (32.0-65.6)	H	-	-	-	56 (89)	
10	RD3022	IVT-RF-FB-6	78 (63-87)	118 (111-125)	90.9 (78-110)	107 (65-167)	8.0 (6.9-9.0)	6	LY	44.0 (32.0-56.6)	H	-	-	-	44 (68)	
11	PL918	IVT-RF-FB-13	85 (78-93)	123 (111-128)	91.9 (78-117)	113 (77-159)	8.3 (7.0-10.5)	6	LY	45.0 (32.0-63.6)	H	-	-	-	24 (68)	
12	PL925	IVT-RF-FB-8	82 (75-93)	120 (115-128)	91.2 (78-112)	87 (45-134)	9.3 (8.0-11.0)	6	LY	44.3 (32.0-58.6)	H	-	-	-	23 (46)	
13	DWRB213	IVT-RF-FB--4	77 (71-84)	116 (109-132)	90.6 (78-108)	98 (78-123)	7.7 (6.0-10.0)	6	LY	43.7 (32.0-54.6)	H	-	-	-	35 (79)	
14	K 603 (C)	IVT-RF-FB-12	79 (73-83)	120 (115-129)	91.8 (78-116)	101 (75-133)	9.2 (7.8-11.0)	6	LY	44.8 (32.0-62.6)	H	-	-	-	24 (68)	
15	Lakhan (C)	IVT-RF-FB-5	79 (70-89)	119 (108-127)	90.8 (78-109)	102 (80-127)	8.0 (6.4-9.0)	6	LY	43.8 (32.0-55.6)	H	-	-	-	24 (57)	

* Data of Spot Blotch from Kanpur, Saini, CAU Pusa and Sabour centers (Mean & HS) only

Grain Yield Data (2019-20)

Trial: AVT/IVT (Salinity-Alkalinity)

Zone: NWPZ & NEPZ

SN	Varieties	Code No.	IIWBR-Hisar			HAU Hisar			Dalipnagar			Faizabad			Fatehpur			Over all		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	BH1032	AVT-SAL-ALK-IR-12	26.5	15	0	33.5	5	0	44.4	2	1	10.7	17	0	19.2	16	0	26.9	11	0
2	BH1033	AVT-SAL-ALK-IR-5	26.5	16	0	39.0	2	1	20.4	16	0	20.5	5	0	25.2	10	0	26.3	13	0
3	KB1822	AVT SAL-ALK-IR-10	25.6	17	0	40.1	1	1	30.8	12	0	31.6	1	1	23.9	12	0	30.4	2	0
4	KB1815	AVT-SAL-ALK-IR-16	29.2	7	0	32.6	7	0	16.3	18	0	12.0	16	0	38.4	1	1	25.7	17	0
5	KB1845	AVT-SAL-ALK-IR-1	24.0	18	0	18.3	18	0	27.2	13	0	19.9	8	0	17.7	17	0	21.4	18	0
6	HUB273	AVT-SAL-ALK-IR-15	31.7	2	1	28.7	15	0	31.7	11	0	18.7	10	0	22.5	14	0	26.7	12	0
7	HUB274	AVT-SAL-ALK-IR-4	30.3	5	0	31.3	11	0	31.7	10	0	18.1	12	0	32.0	4	0	28.7	4	0
8	NDB1730	AVT-SAL-ALK-IR-9	27.3	12	0	30.4	12	0	46.2	1	1	18.7	11	0	20.8	15	0	28.7	5	0
9	NDB1742	AVT-SAL-ALK-IR-11	29.3	6	0	32.7	6	0	40.8	3	0	8.9	18	0	31.2	6	0	28.6	6	0
10	DWRB214	AVT-SAL-ALK-IR-2	30.6	4	0	32.2	9	0	34.4	7	0	17.8	14	0	16.0	18	0	26.2	14	0
11	RD3015	AVT-SAL-ALK-IR-17	33.4	1	1	30.3	13	0	23.6	15	0	19.0	9	0	22.7	13	0	25.8	16	0
12	RD3016	AVT-SAL-ALK-IR-13	27.6	11	0	37.0	3	1	36.2	4	0	27.5	3	0	35.4	3	1	32.8	1	1
13	RD3017	AVT-SAL-ALK-IR-3	30.8	3	0	31.6	10	0	35.3	5	0	18.0	13	0	31.4	5	0	29.4	3	0
14	RD3018	AVT-SAL-ALK-IR-7	28.7	9	0	35.5	4	1	35.3	5	0	14.0	15	0	27.5	7	0	28.2	8	0
15	RD2552(C)	AVT-SAL-ALK-IR-18	27.0	14	0	27.2	16	0	19.4	17	0	29.6	2	0	25.8	9	0	25.8	15	0
16	NDB1173(C)	AVT-SAL-ALK-IR-14	27.3	13	0	25.8	17	0	34.4	7	0	23.6	4	0	24.3	11	0	27.1	10	0
17	RD2794(C)	AVT-SAL-ALK-IR-6	28.9	8	0	32.3	8	0	34.4	7	0	20.2	7	0	26.8	8	0	28.5	7	0
18	RD2907(C)	AVT-SAL-ALK-IR-8	28.6	10	0	30.0	14	0	24.5	14	0	20.3	6	0	35.8	2	1	27.8	9	0
G.M.			28.5			31.6			31.5			19.4			26.5			27.5		
S.E.(M)			0.8			2.4			1.8			0.6			1.3			0.7		
C.D.			1.9			5.6			4.2			1.5			3.0			1.6		
C.V.			5.7			14.9			11.3			6.3			9.7					
DOS			14.11.2019			14.11.2019			19.11.2019			25.11.2019			19.11.2019					

Ancillary Data of Barley Trial (2019-20)

Trial: AVT/IVT (Salinity-Alkalinity)

ZONE: NWPZ & NEPZ

SN	Varieties	Code No.	AGRONOMIC CHARACTERS (Mean & Range)						GRAIN CHARACTERISTICS			Disease reaction (Mean & HS)			
			H. days	M. days	Plant height (cm)	Tillering /m	Spike length (cm)	2R/6R	Colour	1000 g.w (M & Range)	H/N	Rusts		Leaf Blight	
												YR	LR	NB*	SB**
1	BH1032	AVT-SAL/ALK--12	82 (65-103)	121 (105-133)	69.7 (45.4-89.0)	98 (40-140)	6.3 (4.0-9.5)	6	Y	41.1 (34.0-48.6)	H	-	-	13	12
2	BH1033	AVT-SAL/ALK--5	86 (75-104)	127 (117-135)	87.5 (64.0-106.0)	81 (48-108)	6.9 (6.0-7.5)	6	Y	39.9 (32.0-44.7)	H	-	-	12	24
3	KB1822	AVT-SAL/ALK--10	84 (72-99)	124 (114-136)	84.7 (74.0-100.0)	93 (42-120)	6.5 (4.8-8.2)	6	Y	40.3 (32.0-45.9)	H	-	-	12	24
4	KB1815	AVT-SAL/ALK--16	92 (80-103)	131 (122-138)	95.5 (62.0-112.0)	81 (55-114)	6.8 (5.2-9.5)	6	LY	41.3 (36.0-45.4)	H	-	-	13	24
5	KB1845	AVT-SAL/ALK--1	87 (68-103)	126 (106-139)	77.5 (40.0-100.0)	83 (45-131)	6.3 (5.0-7.0)	6	LY	41.4 (34.0-48.0)	H	-	-	13	34
6	HUB273	AVT-SAL/ALK--15	85 (75-102)	126 (116-137)	85.2 (73.6-104.0)	81 (42-122)	5.6 (3.2-7.5)	6	Y	43.8 (32.0-48.3)	H	-	-	12	23
7	HUB274	AVT-SAL/ALK--4	82 (63-103)	125 (116-138)	86.5 (63.0-105.0)	81 (52-116)	5.9 (4.0-7.0)	6	Y	43.1 (38.5-48.2)	H	-	-	12	13
8	NDB1730	AVT-SAL/ALK--9	95 (89-106)	132 (120-139)	91.1 (79.7-104.0)	108 (40-139)	5.1 (3.6-8.5)	6	LY	43.1 (36.0-50.4)	H	-	-	13	12
9	NDB1742	AVT-SAL/ALK--11	92 (81-104)	131 (120-139)	86.7 (72.0-110.0)	101 (47-138)	5.4 (3.2-8.0)	6	LY	42.3 (38.0-46.6)	H	-	-	24	24
10	DWRB214	AVT-SAL/ALK--2	82 (69-97)	126 (115-137)	77.8 (46.4-103.0)	73 (40-120)	7.2 (4.8-10.0)	6	Y	43.3 (38.0-47.1)	H	-	-	13	46
11	RD3015	AVT-SAL/ALK--17	88 (76-103)	129 (117-138)	84.2 (72.0-95.0)	84 (48-105)	7.8 (5.5-9.4)	6	Y	45.3 (38.0-51.0)	H	-	-	13	13
12	RD3016	AVT-SAL/ALK--13	86 (71-100)	124 (110-136)	83.3 (69.4-106.0)	91 (50-131)	8.4 (7.5-10.0)	6	Y	44.3 (36.0-52.3)	H	-	-	12	37
13	RD3017	AVT-SAL/ALK--3	85 (62-101)	125 (108-135)	83.4 (69.4-94.0)	98 (57-138)	6.0 (4.6-7.0)	6	LY	40.2 (35.0-46.8)	H	-	-	12	24
14	RD3018	AVT-SAL/ALK--7	89 (75-103)	127 (119-137)	87.4 (67.0-108.0)	96 (55-127)	7.6 (6.1-11.4)	6	Y	41.7 (36.0-47.0)	H	-	-	12	24
15	RD2552 (C)	AVT-SAL/ALK--18	91 (80-103)	133 (121-142)	81.1 (55.0-98.0)	105 (55-152)	6.8 (5.5-9.5)	6	Y	41.9 (33.8-47.5)	H	-	-	24	35
16	NDB1173(C)	AVT-SAL/ALK--14	87 (75-102)	129 (117-137)	78.4 (50.0-99.0)	77 (43-115)	7.5 (6.2-10.6)	6	Y	41.8 (34.0-49.0)	H	-	-	12	24
17	RD2794 (C)	AVT-SAL/ALK--6	89 (77-103)	127 (117-137)	78.5 (53.0-104.0)	91 (50-116)	6.1 (5.3-6.7)	6	LY	41.9 (38.0-48.6)	H	-	-	13	24
18	RD2907 (C)	AVT-SAL/ALK--8	87 (76-101)	129 (119-140)	84.1 (70.8-104.0)	86 (53-112)	7.1 (5.6-8.8)	6	Y	45.6 (38.0-50.3)	H	-	-	12	14

**Net blotch data from Hisar centre only, ** Spot blotch data from Hisar and Dalipnagar centres only*