

2521-AVT-IR-TS-TAS-NWPZ, 2025-26
LOCATIONWISE MEAN YIELD (q/ha)

LOCATIONWISE MEAN YIELD (q/ha)																														Rejected (Not Reported)																						
SN Code		Delhi			J & K			Punjab			Punjab			Punjab			Haryana			Haryana			Haryana			Rajasthan			Rajasthan			Rajasthan			U.P			UTK			U.P			U.P								
		Delhi			Jammu			Ludhiana			Gurdaspur			Punjab			Hisar			Karnal			Bawal			Haryana			Sriganganagar			Durgapura			Rajasthan			Bulandshahr			Pantnagar			Zonal			Modipuram			Nagina		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	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	NWTS101	61.8	12	0	59.4	11	0	63.0	8	0	54.3	8	0	58.6	7	0	54.7	9	0	52.1	9	0	54.9	7	0	53.9	7	0	61.9	9	0	64.2	10	0	63.1	10	0	51.5	5	0	60.2	4	0	58.0	10	0	53.7	8	0	48.6	9	0
2	NWTS102	79.9	3	1	59.8	10	0	68.3	4	1	56.0	6	0	62.2	5	0	62.3	2	1	59.0	4	1	63.8	1	1	61.7	1	1	64.6	5	1	71.7	2	1	68.2	3	1	47.3	7	0	56.4	11	0	62.6	4	0	53.0	10	0	55.0	3	0
3	NWTS103	65.9	10	0	64.6	3	1	60.8	10	0	53.1	9	0	57.0	9	0	64.0	1	1	52.3	8	0	61.5	2	1	59.2	4	1	64.3	7	1	66.8	9	0	65.6	9	0	54.6	3	0	58.3	7	0	60.6	7	0	67.0	2	1	55.8	2	0
4	NWTS104	80.3	1	1	67.3	2	1	72.1	2	1	59.4	3	1	65.7	2	1	61.8	3	1	61.0	1	1	61.0	3	1	61.3	2	1	66.5	3	1	69.0	8	1	67.8	4	1	47.1	8	0	65.1	2	1	64.6	1	1	50.4	11	0	50.1	8	0
5	NWTS105	62.3	11	0	63.8	4	0	60.6	11	0	46.6	12	0	53.6	12	0	55.5	8	0	42.9	11	0	50.8	10	0	49.8	11	0	61.0	10	0	63.1	11	0	62.0	11	0	47.0	9	0	59.0	6	0	55.7	12	0	55.6	7	0	45.7	12	0
6	NWTS106	68.6	8	0	60.2	9	0	59.1	12	0	54.5	7	0	56.8	10	0	50.1	11	0	51.9	10	0	46.2	12	0	49.4	12	0	60.7	11	0	70.5	4	1	65.6	8	0	45.7	12	0	59.8	5	0	57.0	11	0	49.4	12	0	50.1	7	0
7	NWTS107	78.8	5	1	70.2	1	1	73.1	1	1	60.2	2	1	66.6	1	1	59.5	4	0	56.4	5	0	55.4	6	0	57.1	6	0	65.4	4	1	70.0	5	1	67.7	5	1	58.9	1	1	57.8	8	0	64.1	2	1	57.1	5	0	50.2	6	0
8	NWTS108	76.3	7	1	62.3	6	0	67.2	6	1	60.4	1	1	63.8	4	1	52.4	10	0	54.1	6	0	54.3	8	0	53.6	8	0	68.6	1	1	69.9	6	1	69.2	2	1	46.4	10	0	65.5	1	1	61.6	5	0	57.0	6	0	50.4	5	0
9	NWTS109	79.4	4	1	58.1	12	0	62.4	9	0	50.3	10	0	56.3	11	0	48.5	12	0	53.2	7	0	50.4	11	0	50.7	9	0	63.8	8	0	70.5	3	1	67.1	6	1	46.4	11	0	56.9	9	0	58.2	8	0	67.4	1	1	52.8	4	0
10	NWTS110	67.6	9	0	61.2	8	0	66.9	7	1	56.6	5	0	61.8	6	0	59.5	5	0	59.1	3	1	59.9	4	1	59.5	3	1	67.2	2	1	73.1	1	1	70.2	1	1	48.6	6	0	56.3	12	0	61.5	6	0	53.6	9	0	46.2	11	0
11	NWTS111	76.9	6	1	62.2	7	0	70.3	3	1	59.3	4	1	64.8	3	1	57.2	7	0	59.4	2	1	55.6	5	0	57.4	5	0	64.4	6	1	69.3	7	1	66.8	7	0	57.7	2	1	61.0	3	0	63.0	3	0	57.4	4	0	46.5	10	0
12	NWTS112	80.2	2	1	62.5	5	0	67.3	5	1	49.2	11	0	58.2	8	0	58.3	6	0	42.2	12	0	51.5	9	0	50.6	10	0	55.1	12	0	62.5	12	0	58.8	12	0	53.1	4	0	56.9	10	0	58.1	9	0	57.7	3	0	56.9	1	1
G.M.		73.2			62.6			65.9			55.0			60.5			57.0			53.6			55.4			55.3			63.6			68.4			66.0			50.4			59.4			60.4			56.6			50.7		
S.E.(M)		3.294			2.662			2.591			1.297			1.449			1.558			1.719			2.294			1.088			1.870			1.974			1.360			1.713			1.368			0.638			0.558			0.213		
C.D. (10%)		7.9			6.5			6.2			3.1			3.4			3.7			4.1			5.5			2.6			4.5			4.7			3.2			4.1			3.3			1.5			1.3			0.5		
C.V.		9.0			7.4			7.9			4.7			5.5			6.4			8.3			5.9			5.8			5.9			5.8			6.8			4.6			2.0			0.8								
D.O.S.(dd.mm.yy)		05.11.25			12.11.25			06.11.25			01.11.25						07.11.25			04.11.25			07.11.25						05.11.25			07.11.25						14.11.25			12.11.25			02.11.25			07.11.25					

No. of Trials : Proposed = 13 Conducted = 13
Trial not conducted (00) = Nil
Trials not reported (02) = Nagina (LCV), Modipuram (LCV)

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: AVT-IR-TS-TAS, 2025-26

SN	Code	Rust Reactions				Agronomic Characteristics							Grain Characteristics	
		YI	ACI	Br	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1.	NWTS101	10S	6.0	10S	3.5	81-104	96	116-152	139	87-114	103	30	32-51	42
2.	NWTS102	5S	2.3	20S	8.8	78-103	95	115-151	140	85-116	102	5	40-55	47
3.	NWTS103	10S	5.0	10MS	2.0	84-108	99	114-155	138	89-113	104	30	33-49	43
4.	NWTS104	10S	6.7	20S	6.3	75-104	93	116-150	139	81-121	100	15	38-51	46
5.	NWTS105	0	0.0	10S	3.8	87-110	101	116-156	141	91-116	107	30	32-48	42
6.	NWTS106	10S	3.3	40S	27.5	80-102	94	114-152	139	81-111	100	25	37-49	41
7.	NWTS107	0	0.0	5S	2.5	78-103	95	113-155	139	81-110	99	20	39-48	44
8.	NWTS108	5S	1.7	0	0.0	76-103	94	113-150	140	80-109	100	25	42-56	47
9.	NWTS109	10S	3.3	0	0.0	81-108	96	116-152	141	83-110	101	30	37-44	40
10.	NWTS110	10S	3.7	5S	1.3	80-104	96	115-155	140	81-114	102	5	32-51	42
11.	NWTS111	5MS	1.3	20S	10.0	79-105	95	116-152	139	79-104	97	20	41-57	47
12.	NWTS112	10S	3.3	5S	1.3	84-110	100	117-156	143	85-110	103	35	34-47	41

1. Ancillary data from Bawal, Delhi, Durgapura, Gurdaspur, Hisar, Jammu, Karnal, Ludhiana, Pantnagar and Sriganaganagar.
2. Lodging data from Delhi and Karnal.
3. Yellow rust data from Delhi, Gurdaspur and Ludhiana; Brown rust data from Gurdaspur, Hisar, Jammu and Ludhiana.

Individual Station Rust Data
Trial: AVT-IR-TS-TAS, 2025-26

SN	Code	Brown Rust				Yellow Rust		
		Gurdaspur	Hisar	Jammu	Ludhiana	Delhi	Gurdaspur	Ludhiana
1.	NWTS101	10S	0	0	5MS	10MS	0	10S
2.	NWTS102	5S	0	20S	10S	5MR	0	5S
3.	NWTS103	0	0	10MS	0	10S	5S	0
4.	NWTS104	5S	0	20S	0	10S	0	10S
5.	NWTS105	0	0	5S	10S	0	0	0
6.	NWTS106	20S	10S	40S	40S	0	0	10S
7.	NWTS107	0	0	5S	5S	0	0	0
8.	NWTS108	0	0	0	0	tR	0	5S
9.	NWTS109	0	0	0	0	0	0	10S
10.	NWTS110	0	0	5S	0	10S	0	1S
11.	NWTS111	10S	0	10S	20S	5MS	0	0
12.	NWTS112	0	0	0	5S	0	0	10S