

Grain Yield (q/ha) of Advanced Varietal Trial-II- Malt Barley-NWPZ (2022-23)

Entries	Karnal			Bawal			Hisar			Ludhiana			Bathinda			Navgaon		
	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
AVT-MB-1	59.58	1	1	56.00	1	1	44.30	1	1	46.75	4	0	57.83	2	0	52.75	2	0
AVT-MB-2	42.74	3	0	46.63	4	0	37.05	4	0	47.17	3	0	57.65	3	0	41.07	4	0
AVT-MB-3	42.27	4	0	50.55	2	0	43.92	2	1	49.83	2	0	53.67	5	0	40.49	5	0
AVT-MB-4	59.07	2	1	48.53	3	0	37.97	3	0	54.17	1	1	56.68	4	0	60.34	1	1
AVT-MB-5	38.39	5	0	40.15	5	0	34.13	5	0	39.17	5	0	61.23	1	1	41.50	3	0
G.M.	48.41			48.37			39.47			47.42			57.41			47.23		
S.E.(M)	1.28			1.80			1.22			1.23			1.35			1.03		
C.D. (10%)	3.16			4.45			3.01			3.05			3.33			2.55		
C.V. (%)	5.91			8.33			6.90			5.82			5.26			4.89		
DOS	16.11.22			14.11.22			17.11.22			9.11.22			10.11.22			7.11.22		

Entries	Durgapura			Tabiji			Ganganagar			Modipuram			Pantnagar			Pooled		
	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
AVT-MB-1	57.54	1	1	62.89	1	1	57.38	5	0	62.68	2.00	1.00	40.22	3.00	0.00	53.5	2	0
AVT-MB-2	52.23	4	0	46.96	4	0	70.30	3	0	53.83	4.00	0.00	34.57	5.00	0.00	47.3	4	0
AVT-MB-3	45.96	5	0	44.11	5	0	64.21	4	0	55.78	3.00	0.00	48.21	1.00	1.00	48.6	3	0
AVT-MB-4	55.11	3	1	58.80	2	1	92.96	1	1	63.13	1.00	1.00	44.43	2.00	0.00	55.8	1	1
AVT-MB-5	57.20	2	1	49.67	3	0	81.28	2	0	44.23	5.00	0.00	39.01	4.00	0.00	46.7	5	0
G.M.	53.61			52.48			73.22			55.93			41.29			50.4		
S.E.(M)	1.12			1.73			2.19			0.67			0.85			0.395		
C.D. (10%)	2.76			4.27			5.40			1.65			2.10			0.9		
C.V. (%)	4.67			7.37			6.68			2.68			4.61					
DOS	10.11.22			14.11.22			5.11.22			18.11.22			11.11.22					

Grain Yield (q/ha) of Initial Varietal-Trial Malt Barley-NWPZ (2022-23)

Entries	Karnal			Bawal			Hisar			Ludhiana			Bathinda			Navgaon		
	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
IVT-MB-1	53.63	7	0	49.53	23	0	33.70	18	0	40.00	15	0	66.83	13	0	50.73	9	0
IVT-MB-2	42.08	23	0	53.98	20	0	36.90	10	0	46.67	3	1	58.58	21	0	43.92	21	0
IVT-MB-3	49.33	14	0	48.07	24	0	33.89	17	0	44.58	5	0	71.08	4	1	44.52	20	0
IVT-MB-4	45.26	19	0	61.02	12	0	39.39	5	0	32.50	23	0	73.83	2	1	50.30	10	0
IVT-MB-5	60.38	1	1	69.02	6	0	44.96	2	1	38.33	18	0	77.58	1	1	63.23	2	1
IVT-MB-6	52.45	9	0	58.89	15	0	30.42	22	0	44.17	6	0	68.79	7	0	50.22	11	0
IVT-MB-7	58.46	3	1	54.56	19	0	40.84	4	0	36.67	20	0	68.75	8	0	61.55	5	0
IVT-MB-8	48.33	15	0	65.13	9	0	39.34	6	0	40.83	14	0	70.67	5	1	46.22	18	0
IVT-MB-9	45.82	17	0	71.75	4	0	23.46	25	0	38.33	19	0	63.25	15	0	48.18	14	0
IVT-MB-10	50.62	12	0	58.59	16	0	36.61	11	0	43.33	8	0	68.21	10	0	53.04	8	0
IVT-MB-11	48.23	16	0	56.04	18	0	35.78	13	0	48.75	2	1	62.17	17	0	41.96	24	0
IVT-MB-12	42.44	22	0	71.54	5	0	27.18	23	0	31.67	24	0	61.42	18	0	43.56	22	0
IVT-MB-13	45.43	18	0	60.08	13	0	31.31	20	0	43.33	8	0	56.92	23	0	45.47	19	0
IVT-MB-14	51.76	10	0	73.75	3	0	46.31	1	1	45.83	4	0	59.42	20	0	50.13	12	0
IVT-MB-15	56.08	6	0	68.16	7	0	38.23	7	0	41.25	13	0	68.50	9	0	61.58	4	0
IVT-MB-16	39.66	24	0	52.02	22	0	30.43	21	0	42.50	10	0	62.25	16	0	47.35	16	0
IVT-MB-17	42.82	21	0	63.95	11	0	35.75	14	0	40.00	15	0	63.83	14	0	42.53	23	0
IVT-MB-18	39.13	25	0	44.82	25	0	25.59	24	0	30.83	25	0	57.75	22	0	47.92	15	0
IVT-MB-19	43.10	20	0	53.24	21	0	31.41	19	0	39.17	17	0	70.67	5	1	49.58	13	0
IVT-MB-20	49.50	13	0	76.53	2	0	35.87	12	0	36.67	20	0	60.33	19	0	53.32	7	0
IVT-MB-21	58.77	2	1	84.44	1	1	41.03	3	0	35.83	22	0	73.83	2	1	62.87	3	1
IVT-MB-22	50.88	11	0	59.15	14	0	35.45	15	0	50.83	1	1	67.54	12	0	39.86	25	0
IVT-MB-23	52.83	8	0	56.51	17	0	35.32	16	0	42.50	10	0	45.68	25	0	46.72	17	0
IVT-MB-24	57.85	5	1	64.19	10	0	37.13	9	0	42.08	12	0	67.67	11	0	58.38	6	0
IVT-MB-25	58.41	4	1	65.23	8	0	37.97	8	0	44.17	6	0	54.38	24	0	65.94	1	1
Mean	49.73			61.61			35.37			40.83			64.80			50.76		
S.E.m	1.89			2.26			2.13			2.44			3.54			1.57		
C.D. (10%)	4.57			5.59			5.25			5.89			8.57			3.87		
C.V.(%)	5.37			5.20			8.50			8.43			7.73			4.37		
D.O.S.	16.11.22			14.11.22			17.11.22			9.11.22			10.11.22			7.11.22		

Contd...

Grain Yield (q/ha) of Initial Varietal-Trial Malt Barley-NWPZ (2022-23)

Entries	Durgapura			Tabiji			Ganganagar			Modipuram			Pantnagar			Pooled		
	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
IVT-MB-1	45.56	18	0	51.94	10	0	54.71	5	0	59.33	15	0	50.69	8	0	50.6	12	0
IVT-MB-2	42.78	21	0	62.22	4	1	43.85	12	0	58.08	17	0	47.21	10	0	48.8	15	0
IVT-MB-3	45.69	17	0	45.69	16	0	39.36	14	0	74.54	1	1	56.46	3	0	50.3	13	0
IVT-MB-4	41.25	23	0	38.33	21	0	46.68	10	0	55.38	20	0	46.51	11	0	48.2	17	0
IVT-MB-5	53.75	11	0	45.83	15	0	49.07	6	0	73.29	3	1	43.69	15	0	56.3	2	0
IVT-MB-6	44.44	19	0	37.64	24	0	28.32	25	0	54.75	22	0	38.21	19	0	46.2	21	0
IVT-MB-7	63.68	3	1	44.31	17	0	36.30	17	0	66.54	6	0	44.04	14	0	52.3	8	0
IVT-MB-8	60.35	6	0	57.50	7	0	48.46	7	0	61.04	13	0	47.71	9	0	53.2	7	0
IVT-MB-9	53.61	12	0	38.19	22	0	58.88	3	0	59.21	16	0	52.50	7	0	50.3	14	0
IVT-MB-10	67.22	1	1	64.72	3	1	47.36	8	0	64.46	8	0	40.47	17	0	54.1	6	0
IVT-MB-11	43.19	20	0	48.89	13	0	33.91	21	0	63.75	10	0	34.32	21	0	47.0	20	0
IVT-MB-12	47.92	16	0	57.64	6	0	40.83	13	0	53.21	23	0	55.28	4	0	48.4	16	0
IVT-MB-13	54.24	10	0	43.33	18	0	35.40	18	0	62.67	11	0	29.79	23	0	46.2	22	0
IVT-MB-14	50.21	14	0	37.78	23	0	47.15	9	0	64.38	9	0	46.21	12	0	52.1	9	0
IVT-MB-15	55.49	9	0	41.39	19	0	33.19	23	0	54.88	21	0	45.71	13	0	51.3	11	0
IVT-MB-16	41.53	22	0	34.86	25	0	37.85	15	0	60.29	14	0	32.00	22	0	43.7	24	0
IVT-MB-17	33.26	25	0	38.47	20	0	37.38	16	0	56.38	18	0	27.06	25	0	43.8	23	0
IVT-MB-18	38.75	24	0	55.28	8	0	35.17	19	0	55.88	19	0	29.39	24	0	41.9	25	0
IVT-MB-19	48.47	15	0	49.44	12	0	28.57	24	0	73.33	2	1	39.39	18	0	47.9	18	0
IVT-MB-20	66.04	2	1	71.25	1	1	34.70	20	0	69.46	5	0	57.50	2	1	55.6	4	0
IVT-MB-21	63.06	4	0	65.28	2	1	56.96	4	0	69.67	4	0	61.85	1	1	61.2	1	1
IVT-MB-22	59.44	7	0	57.92	5	0	86.20	1	1	52.46	24	0	54.28	6	0	55.8	3	0
IVT-MB-23	53.40	13	0	46.39	14	0	63.18	2	0	37.42	25	0	43.21	16	0	47.6	19	0
IVT-MB-24	60.97	5	0	50.00	11	0	33.26	22	0	62.63	12	0	35.93	20	0	51.8	10	0
IVT-MB-25	57.99	8	0	52.50	9	0	45.74	11	0	65.71	7	0	55.01	5	0	54.8	5	0
Mean	51.69			49.47			44.10			61.15			44.58			50.4		
S.E.m	2.06			4.09			0.74			1.88			2.31			0.730		
C.D. (10%)	4.99			9.89			1.84			4.54			5.59			1.7		
C.V. (%)	5.64			11.69			2.39			4.34			7.33					
D.O.S.	10.11.22			14.11.22			5.11.22			18.11.22			11.11.22					