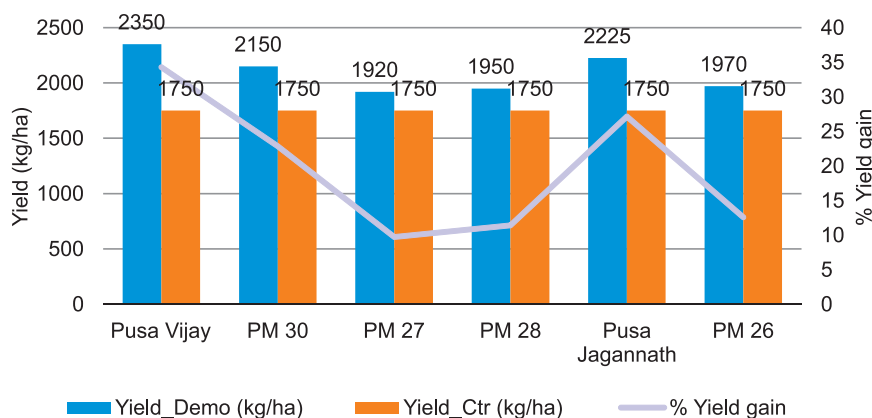


Supplementary Table 1 Yield gap (Technology gap and extension gap) analysis in Mustard

S. No.	Mustard Varieties	No. of Demo.	Yield (kg/ha)			% gain over local check	Yield gap-I (kg/ha) (C-A)	Yield gap-II (kg/ha) (A-B)	Technology Index (%)
			Demo. (A)	Local check (B)	Res. Station (C)				
1.	Pusa Vijay	25	2350	1750	2500	34.28	150	600	6.0
2.	PM 30	20	2150	1750	2500	22.85	350	400	14.00
3.	PM 27	25	1920	1750	2500	9.71	580	170	23.20
4.	PM 28	24	1950	1750	2500	11.42	550	200	22.00
5.	Pusa Jagannath	31	2225	1750	2500	27.14	275	475	4.88
6.	PM 26	25	1970	1750	2500	12.57	530	220	21.20

Supplementary Table 2 Constraints Faced by the Farmers in Mustard Cultivation n=150

Sr. No.	Constraints faced by the farmers	Percent	Rank
1.	High cost of inputs (seed, fertilizers, insecticides, etc.)	65.33	I
2.	High cost of labour charges and labour shortage	60.00	II
3.	High pest and disease incidence	51.33	III
4.	Low market price for produce	41.33	IV
5.	Damage of crop by cattle and blue bulls	34.66	V
6.	Non-availability of quality seed locally	32.66	VI



Supplementary Fig. 1 Performance of IARI mustard varieties at farmers' field.