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Table 3: Performance of the hybrid types and local checks for average weight of 1000 grains (g) and yield (t/ha)

1000 grain weight								
Varieties	**BCKV Farm**				**Farmer's Field**			
	2011	**2012**	**2013**	**Average**	**2011**	**2012**	**2013**	**Average**
NK 9315	28.4	28.4	28.4	28	28.5	28.8	28.4	29
NK 6302	27.9	28.0	28.3	28	27.9	27.9	28.1	28
MTU 7029	19.2	21.1	18.7	20	18.9	19.6	21.1	20
IET 4786	25.2	25.3	25.5	25	25.4	25.7	25.2	25
IET 4094	24.8	24.8	24.9	25	24.9	24.9	24.8	25
KRH2	26.2	27.0	28.0	27	26.7	27.9	27.9	28
SEm (±)	**0.77**	**0.49**	**0.67**		**0.69**	**0.50**	**0.65**	
CD at 5%	**2.33**	**1.47**	**2.01**		**2.09**	**1.50**	**1.95**	
Yield (t/ha)								
Varieties	**BCKV Farm**				**Farmer's Field**			
	2011	**2012**	**2013**	**Average**	**2011**	**2012**	**2013**	**Average**
NK 9315	9.85	10.84	10.20	10.30	8.7	9.85	9.20	9.25
NK 6302	8.57	12.06	9.80	10.14	7.74	11.47	8.91	9.37
MTU 7029	7.23	7.32	6.58	7.40	7.25	6.83	7.17	7.08
IET 4786	8.76	7.98	7.84	8.19	8.67	9.10	8.26	8.68
IET 4094	8.20	7.30	9.42	8.31	7.98	8.67	7.89	8.18
KRH 2	7.60	7.90	8.20	7.90	7.46	7.89	6.97	7.44
SEm (±)	**0.14**	**0.17**	**0.08**		**0.06**	**0.09**	**0.06**	
CD at 5%	**0.44**	**0.52**	**0.23**		**0.20**	**0.29**	**0.18**	

4. Conclusion

The results of current experiment indicated that highest number of filled grains per panicle was produced after NK9315 followed by NK6302, KRH2 and MTU7029, which probably took active role for exhibition of higher yield of the hybrid types under consideration, it may also be confirmed through the average filled grain percentage of different types included in the trial. Test weight of all the hybrid types including KRH2 were significantly similar with each other and were of higher magnitude in comparison to that of standard varieties. Contribution of this parameter for higher yield of the concerned hybrids should also to be noted; and yield of both the hybrid types could be noticed as remarkably higher than that of other types included in the trial.

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