Pusa Basmati 1728 (PB 1728) has been released for Punjab, Haryana, Delhi, Jammu & Kashmir, Uttarakhand and western Uttar Pradesh) of the Basmati growing region of India vide Gazette notification no. S.O.3540(E) dated 22.11.2016. It has a seed to seed maturity of 140 to 145 days and average yield of 4.18 t/ha and has a potential yield of upto 6.5 t/ha. It has shown highly resistant reaction [Susceptibility Index: 2 (2014) and 3.7 (2015)] to bacterial blight disease as compared to the severe susceptibility shown by the recurrent parent Pusa Basmati 6 [Susceptibility Index: 6.3 (2014) and 7.7 (2015)]. PB 1728 possesses extra-long slender grains (7.46 mm) with very occasional grain chalkiness, very good kernel length after cooking (14.62 mm) and very strong aroma. In the panel tests, PB 1728 was ranked excellent among the Basmati varieties and other cultures tested for two consecutive years for its cooked rice appearance, cohesiveness, tenderness, taste, aroma, elongation and overall acceptability.


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