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Three Karnal bunt resistant wheat genetic stocks registered

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Three KB resistant genetic stocks of bread wheat, viz; KBRL 10, KBRL 13 and KBRL 22 have been registered by the registration committee of National Bureau of Plant Genetic Resources (Indian council of Agricultural Research) in the year 2001. All the above three lines showed resistance to mixture of the pathogen isolates.

KBRL 10: Developed by crossing HP 1531 and HD 29 with limited backcrossing using HP 1531. Its registration No. is 01001. It is a late maturing strain with plant height of 110 cms bearing 17 spikelets per spike. Auricle pigmentation is absent. The plant is waxy. Awns are medium and white in colour. Ear head is tapering, lax and glumes are densely pubescent. Grains are oblong, hard, amber, medium sized with blunt brush end profile.

KBRL 13: Developed by crossing W 485 and HD 29 with limited backcrossing using HD 29. Its registration No. is 01002. It is a medium maturing strain with plant height of 90 cms bearing 15 spikelets per spike. Auricle pigmentation is strong pink. Ears are short and dense. Awns are medium and brown in colour. Grains are elliptical, hard, amber and bold with medium brush end profile.

KBRL 22: Developed by crossing HD 29 and W 485 with limited backcrossing using W 485. Its registration No. is 01003. It is a medium maturity strain with plant height of 98 cms bearing 15 spikelets/spike. Auricle pigmentation is strong pink. Ears are medium and intermediate. Awns are medium and brown in colour. Grains are elliptical, hard, amber and bold with pointed brush end profile.

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