

Breeding of New Foxtail Millet Cultivar, Taitung No. 9

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Abstract

Taitung No.9 millet was selected from the hybrid progenies of TS2 as female parent, and TT7 as male parent by pedigree method, and had been through a series of comparative and regional experiments until 2012 spring crop. The results show the form of spike of TT9 was short spindle type. The advantages of TT9 include short growth stage, good tolerance of corn borers and leaf rust, and relatively stable and high yield. The average yield in spring crop is up to 2455 kg/ha, which is 15% higher than that of TT8, suggesting great potential for extension. TT9 was registered on June 1st, 2012. This variety would be initiatively distributed with cultivation demonstration activities in the future.

Key words: Foxtail millet, Taitung No. 9, Breeding

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