REGISTRATION OF CROP CULTIVARS

Firecracker is well adapted to the coastal plain of North Carolina. In 3 years of tests in that region, Firecracker exceeded the yield of Carolec and 'Coker 225'. Because of early maturity, Firecracker is suitable for double cropping. It is not recommended for piedmont or mountainous areas because of insufficient winterhardiness. Firecracker has a short straw and a very distinctive compact panicle type. It produces large numbers of seeds per panicle and has good test weight potential. Firecracker is 3 to 4 days earlier and shorter than Carolec. It is moderately resistant to powdery mildew (Mucor reesinus McK.), but susceptible to leaf rust (Puccinia coronaria Cda. f. sp. Eriks. & E. Henn.). It has good test weight (comparable to Carolec).

Firecracker has semi-prostrate juvenile plants with small, yellow stems with glabrous internodes. It has a medium in width and leaf margins and sheaths. Panicles are equilateral, erect, compact, and ovate to oval; the rachilla segment is long and straight. Firecracker is of a yellow, short, and glabrous and kernels are straight. The second floret rachilla segment is long and straight. Firecracker has strong, short straw and a very distinctive compact panicle type. It produces large numbers of seeds per panicle and has very good yield potential. Firecracker is 3 to 4 days earlier and shorter than Carolec. It is moderately resistant to powdery mildew (Mucor reesinus McK.), but susceptible to leaf rust (Puccinia coronaria Cda. f. sp. Eriks. & E. Henn.). It has good test weight (comparable to Carolec).

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