

INHERITANCE AND VARIABILITY FIBER EXIT AT RIGID WATER DEFICIENCY CONDITIONS

MADARTOV B. K

Uzbek Scientific Research Institute of Cotton Breeding and Seed Production,
Tashkent Province, Kibray District, P. O. Salar, Uzbekistan

ABSTRACT

It is studied the characteristic of inheritance and variability of an exit of a fiber at hybrids F_1 - F_2 - F_3 in the conditions of rigid water deficiency (0-1-0). It used the lines contrast differing on an exit of a fiber (36.7 %-39.0 %) as parental forms. In the majority of the used lines the fiber exit was high enough and made 37.5 % -39.0 % on water deficiency.

KEYWORDS: Fiber, Water Deficiency, Polymorphic Hybrids, Heterozis