FREQUENCY AND IMPORTANCE OF FIVE-LOCK BOLLS IN COTTON.¹

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The varieties and strains of cotton found within the American Upland group are characterized by having 4-lock and 5-lock bolls. Occasionally a 3- or a 6-lock boll is found, but these are very scarce and of no commercial importance. Of 20,266 bolls of Acala cotton examined by the author only three 3-lock and two 6-lock bolls were found. These were all found within one pure-line strain.

There is a well-founded partiality in the minds of the planters in favor of a cotton that produces a high percentage of 5-lock bolls. This is reflected in the question often asked by growers, to which the

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