



Books Conferences News About Us Job: Home Journals Home > Journal > Earth & Environmental Sciences > AS Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues AS> Vol.1 No.1, May 2010 • Special Issues Guideline OPEN ACCESS AS Subscription Motes percentage and ginning outturn as affected with cotton cultivar and location Most popular papers in AS PDF (Size: 1101KB) PP. 44-50 DOI: 10.4236/as.2010.11006 About AS News Author(s) HossamEI-Din H. EI-Feky Frequently Asked Questions **ABSTRACT** The present study was conducted to analyze cotton cultivar and location differences in motes, and to Recommend to Peers determine the relationships among these and ginning outturn. Therefore, the seed cotton of five promising hybrids namely; G.77 × Pima S6 and G.84 × (G.74 × G.68) growing in [Kafr El-Sheikh - Kafr El-Dawar - Etay Recommend to Library El-Barood - Damietta], G.89 x Pima S6 growing in [El-Sharkia - El-Gharbiya - El-Dakahliya - El-Monofiya], $G.83 \times (G.75 \times 5844) \times G.80$ and $G.90 \times Australian$ growing in [Sohag - El-Minia - Beni-Sueif - El-Faium] Contact Us were used in this study. The results obtained indicate that the varieties exhibited different behavior responses to environmental conditions. On the whole, environmental factors associated with differences in place of growth, appeared to have much more influence on the number of motes than did varietal factors. Downloads: 145,383 Most of the locks for the promising hybrids at the different locations tend to cluster around the mean of 6 or 7 seeds per lock. There is a fairly marked tendency for the lock index, lint weight and lint percentage to Visits: 316,926 decrease as the motes percentage increase. On the other hand, most of the promising hybrids under study tend to increase in the seed index as the motes percentage increase. However, the increasing in seed Sponsors, Associates, ai index as a result of the increasing in motes percentage for some cotton cultivars growing at different environments could be explain the difference in behavior for these cotton cultivars in lint percentage. Links >> **KEYWORDS** • 2013 Spring International Cotton Cultivar; Ginning Outturn; Location; Lock Index; Motes; Seed Index Conference on Agriculture and Food Engineering(AFE-S) Cite this paper El-Feky, H. (2010) Motes percentage and ginning outturn as affected with cotton cultivar and location. Agricultural Sciences, 1, 44-50. doi: 10.4236/as.2010.11006.

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