

Sowing Quality of Cottonseed Effected by Different Ecological area and Harvesting date

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Abstract: The difference of germination and emergence between the seeds harvested in different ecological area and harvesting date, and the relationship of germination and emergence of seedling were studied in this paper. The results showed that germination percentage shaped an

parabola, its top was on September 30. The emergence percentage had a similar trend with germination, its top was on September 20. The sowing quality had little difference in same ecological area, but it had obvious difference in various ecological region. Sowing quality of seeds in Xinjiang was better than that in inland. The emergence percentage was lower than germination percentage, and germination and emergence percentage had an extreme positive correlation ($r=0.954^{**}$).

Key words: ecological region; harvesting date; cottonseed; sowing quality