

Letters

Impact of Climate Warming on Cotton Growth in the Hexi Corridor Area

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摘要
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Impact of Climate Warming on Cotton Growth in the Hexi Corridor Area

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Abstract Based on the 1983-2002 cotton biological records and surface meteorological observations at Dunhuang agrometeorological station, impact of climate warming on cotton (*Gossypium arboreum* L.) in the Hexi oases in the arid Northwest China was studied. Results show that the growing season of cotton moved up in spring while postponed in autumn due to the climate warming from 1983 to 2002, thus prolonging the growing period of cotton in the Hexi Corridor area, which contributed to the increase in cotton's yield in the Hexi oases.

Key words [cotton growth](#) [climate warming](#) [impact](#) [the Hexi Corridor](#)

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