Cotton in China:
Deciphering Yields in Xinjiang

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Cotton Production

- India
- China
- United States
- Brazil
- Pakistan

1000 480 lb. Bales

2017 to 2018 Average (Last Update: December 2018)
2010 China Cotton Production

- Rest of China: 52%
- Xinjiang: 48%

Source: USDA/WAOB
2011 China Cotton Production

- Rest of China: 50%
- Xinjiang: 50%

Source: USDA/WAOB
2012 China Cotton Production

- Xinjiang: 57%
- Rest of China: 43%

Source: USDA/WAOB
2014 China Cotton Production

Xinjiang: 66%
Rest of China: 34%

Source: USDA/WAOB
2017 China Cotton Production

Xinjiang 83%

Rest of China 17%

Source: USDA/WAOB
2018 Cotton Production

Source: USDA/FAS
China: Cotton

- Yellow numbers indicate the percent each province contributed to the total national production. Provinces not numbered contributed less than 1% to the national total.
- Major areas combined account for 75% of the total national production.
- Major and minor areas combined account for 99% of the total national production.

Note: Major and minor areas and provincial production percentages are derived from prefecture-level and provincial production data from 2016. These data were obtained from provincial agricultural departments.
United States: Cotton (Upland)

- Major areas combined account for 75% of the total national production.
- Major and minor areas combined account for 99% of the total national production.
- Major and minor areas and state production percentages are derived from NASS survey data from 2010 to 2014.

China: Cotton

- Yellow numbers indicate the percent each province contributed to the total national production. Provinces not numbered contributed less than 1% to the national total.
- Major areas combined account for 75% of the total national production.
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Cotton: XINJIANG - NORTHERN COTTON

- Mature
- Open Boll
- Flower
- 1st Square
- Emergence

14 days behind Avg / 37 days behind 2017
Below-Average Temperatures

High Temperatures

Xinjiang Cotton Condition Index
China Cotton Regression

Record: 2059 (2017)
Trend: 2060 (R^2=0.6)

Regression: 2006-2017
Median Regression Yield: 1993

<table>
<thead>
<tr>
<th>Last Year</th>
<th>5-Year Avg</th>
<th>Last Month</th>
<th>VHI*</th>
<th>Wx*</th>
<th>VHI+Wx*</th>
<th>VHI+Wx/Intcpt*</th>
</tr>
</thead>
</table>

*Includes Trend

R^2 values:
- VHI*: 0.73, +/- 83.81
- Wx*: 0.78, +/- 81.04
- VHI+Wx*: 0.89, +/- 61.59
- VHI+Wx/Intcpt*: 0.93, +/- 52.4