SUPPLEMENTAL MATERIAL

Fig S1. Two pattern systems. A, Current farmer practice; B, Double delay pattern in the present study.

Fig S2. The long-term historical meteorological data of the experimental site.

Fig S3. The mean temperature (°C) from September 25 to October 25 in 2013 and 2014.
Figure S1

A

1. Growing fast due to higher active accumulated temperature.
2. Consuming lots of water and nutrition.
3. Must be irrigated, or wheat will suffer from drought damage.

B

1. Growing normally.
2. Consuming less water and nutrition.
3. Don't need irrigating before winter.
Figure S2

\[ y = 0.0268x - 40.152 \]

\[ R^2 = 0.4673** \]
Figure S3