

SOUTHWEST - CHONGQING

A field experiment was conducted at the National Purple Soil Fertility and Fertilizer Effectiveness Monitoring Station (29°48'45"N, 106°24'31"E) in Beibei District, Chongqing, China.

The annual precipitation is approximately 1161 mm and the average temperature is around 18.3°C.

NBS SITE TRIALS

Partial Organic Substitution for Chemical Fertilizer

The experiment consisted six treatments:

- (1) control, without nutrient addition (CK);
- (2) farmers' customary fertilizer treatment (CONV);
- (3) biochar addition (BC);
- (4) chicken manure addition (CM);
- (5) carbon-based material derived from kitchen waste (KW); and
- (6) straw returning (ST).

There are three replicates for each treatment, and each plot is 15.75 square meters (4.5 m long times 3.5 m wide).

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