Table S3. Rates and times of chemical N application in the field experiments in 2007, 2008 and 2009.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Treatments | Before sowing | V6 | V10 | VT | R2 | Total N (kg/ha) |
| 2007 | 0N |  |  |  |  |  | 0 |
| TDAT\* | 175 |  |  | 55 |  | 230 |
| TDBT\*\* | 175 | 50 | 170 |  |  | 395 |
| 450N | 175 | 50 | 170 | 55 |  | 450 |
| 2008 | 0N |  |  |  |  |  | 0 |
| TDAT | 60 |  |  | 120 | 70 | 250 |
| TDBT | 60 | 120 | 70 |  |  | 250 |
| 450N | 175 | 50 | 170 | 55 |  | 450 |
| 2009 | 0N |  |  |  |  |  | 0 |
| TDBT | 60 | 120 | 70 |  |  | 250 |
| 450N | 175 | 120 | 70 | 85 |  | 450 |

\* TDAT means N top dressing after tasseling. The total amount of N applied in TDAT treatment was 230 and 250 kg ha-1 in 2007 and 2008, respectively (same in the following table).

\*\* TDBT means N top dressing before tasseling. The total amount of N applied in TDBT treatment was 395, 250 and 250 kg ha-1 in 2007, 2008 and 2009, respectively (same in the following table).