# Tillering sensibility testing

Region CQ: Emerald, Biloela

SQ: Dalby, Roma, Goondiwindi

NNSW: Tamworth, Moree, Walgett

Sowing CQ: 15-Sep to 15 Jan (15-Sep, Oct, Nov, Dec, Jan)

SQ: 15-Sep to 15 Jan (15-Sep, Oct, Nov, Dec, Jan)

NNSW: 15-Oct to 15-Jan (15-Oct, Nov, Dec, Jan)

Population: 4, 6, 8, 12 Plants/m2

Row Configuration: Solid, Single skip, Double skip.

Tillering Propensity: Low, Medium, High (-4.5, -1.75, 1.0)

Simulations: N non-limiting, SSW 75%, 1960 – 2015 seasons

1, 0, 1

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| --- | --- | --- | --- | --- | --- | --- |
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| Table 2a. – Tiller No. Solid Planting | | |  |  |  |  |
|  | | |  |  |  |  |
| **Region** | **Planting Window** | **Planting Date** | **4.00** | **6.00** | **8.00** | **12.00** |
| **CQ** | 15-Sep to 15 Jan | <15-Dec | 0.85 | 0.65 | 0.45 | 0.15 |
|  |  | >15-Dec | 0.60 | 0.45 | 0.35 | 0.15 |
|  |  |  |  |  |  |  |
| **SQ** | 15-Sep to 15 Jan | <15-Nov | 1.70 | 1.30 | 0.90 | 0.30 |
|  |  | >15Nov | 1.20 | 0.85 | 0.55 | 0.15 |
|  |  |  |  |  |  |  |
| **NNSW** | 15-Oct to 15-Jan | <15-Nov | 2.20 | 1.70 | 1.10 | 0.30 |
|  |  | >15-Nov | 1.70 | 1.25 | 0.75 | 0.15 |
|  |  | >15-Dec | 1.20 | 0.80 | 0.40 | 0.00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Table 2b. – Tiller No. Single-skip Planting | | |  |  |  |  |
|  | | |  |  |  |  |
| **Region** | **Planting Window** | **Planting Date** | **4.00** | **6.00** | **8.00** | **12.00** |
| **CQ** | 15-Sep to 15 Jan | <15-Dec | 0.65 | 0.43 | 0.28 | 0.08 |
|  |  | >15-Dec | 0.48 | 0.33 | 0.23 | 0.08 |
|  |  |  |  |  |  |  |
| **SQ** | 15-Sep to 15 Jan | <15-Nov | 1.30 | 0.85 | 0.55 | 0.15 |
|  |  | >15Nov | 0.88 | 0.53 | 0.33 | 0.08 |
|  |  |  |  |  |  |  |
| **NNSW** | 15-Oct to 15-Jan | <15-Nov | 1.65 | 1.05 | 0.65 | 0.15 |
|  |  | >15-Nov | 1.23 | 0.73 | 0.43 | 0.08 |
|  |  | >15-Dec | 0.80 | 0.40 | 0.20 | 0.00 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Table 2c. – Tiller No. Double-skip Planting | | |  |  |  |  |
|  | | |  |  |  |  |
| **Region** | **Planting Window** | **Planting Date** | **4.00** | **6.00** | **8.00** | **12.00** |
| **CQ** | 15-Sep to 15 Jan | <15-Dec | 0.45 | 0.20 | 0.10 | 0.00 |
|  |  | >15-Dec | 0.35 | 0.20 | 0.10 | 0.00 |
|  |  |  |  |  |  |  |
| **SQ** | 15-Sep to 15 Jan | <15-Nov | 0.90 | 0.40 | 0.20 | 0.00 |
|  |  | >15Nov | 0.55 | 0.20 | 0.10 | 0.00 |
|  |  |  |  |  |  |  |
| **NNSW** | 15-Oct to 15-Jan | <15-Nov | 1.10 | 0.40 | 0.20 | 0.00 |
|  |  | >15-Nov | 0.75 | 0.20 | 0.10 | 0.00 |
|  |  | >15-Dec | 0.40 | 0.00 | 0.00 | 0.00 |
|  |  |  |  |  |  |  |