Record sheet for canola seeding rate

Use this record sheet in conjunction with the web page **canola seeding rate calculator,** found at agric.wa.gov.au/n/3946

The web page explains how to use these tables, to calculate your ideal seeding rate. While, this sheet is a handy reference for using the calculator and for recording your results.

**Table 1 Common target crop density for canola (plants/m2).**

| Rainfall zone | Hybrid varieties | Open pollinated varieties |
| --- | --- | --- |
| Low (250-325) | 20-25 | 30-40 |
| Medium (325-450) | 25-40 | 35-50 |
| High (450-550) | 30-40 | 40-60 |

**Table 2 Expected field establishment (%)**

| Seeding conditions | Hybrid varieties | Open pollinated varieties |
| --- | --- | --- |
| Excellent; warm and wet | 80 | 65 |
| Reasonable; just enough moisture | 65 | 50 |
| Dry sown; good opening rains within 10 days | 60 | 45 |
| Dry sown; tough start(non wetting / hard crusting soil / marginal break) | 20-45 | 10-35 |

Use Table 3 in conjunction with the web page; Estimating the size of retained canola seed, found at agric.wa.gov.au/n/4274

**Table 3 Use seeds per 10cm line to estimate seeds per kg (‘000)**

| **seeds/10cm line** | **seeds/kg** | **seeds/10cm line** | **seeds/kg** |
| --- | --- | --- | --- |
| 45 | 130,000 | 56 | 277,000  |
| 46 | 144,000 | 57 | 290,000  |
| 47 | 157,000 | 58 | 303,000  |
| 48 | 170,000 | 59 | 317,000  |
| 49 | 184,000 | 60 | 330,000  |
| 50 | 197,000 | 61 | 343,000  |
| 51 | 210,000 | 62 | 357,000  |
| 52 | 223,000 | 63 | 370,000  |
| 53 | 237,000 | 64 | 383,000  |
| 54 | 250,000 | 65 | 397,000  |
| 55 | 263,000 | 66 | 410,000  |

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**Your records Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| Variety | no data | no data | no data |
| --- | --- | --- | --- |
| Seeds per kg | no data | no data | no data |
| Germination % | no data | no data | no data |

| Variety and paddock | Target density (plants/m2) | Expected establish-ment | Seeding rate | Crop density | Actual establish-ment |
| --- | --- | --- | --- | --- | --- |
| no data | no data | no data | no data | no data | no data |
| no data | no data | no data | no data | no data | no data |
| no data | no data | no data | no data | no data | no data |
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## Contact

* Jackie Bucat jackie.bucat@agric.wa.gov.au
* Mark Seymour mark.seymour @agric.wa.gov.au

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