

Wheat Yield Estimations

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Use the following steps to estimate wheat yields.

1. Count all tillers and main stalks (potential heads) in 12 inches in two adjacent rows (Figure 1).
2. Measure row spacing.
3. Estimate yield from Table 1 based on tiller count and row spacing.

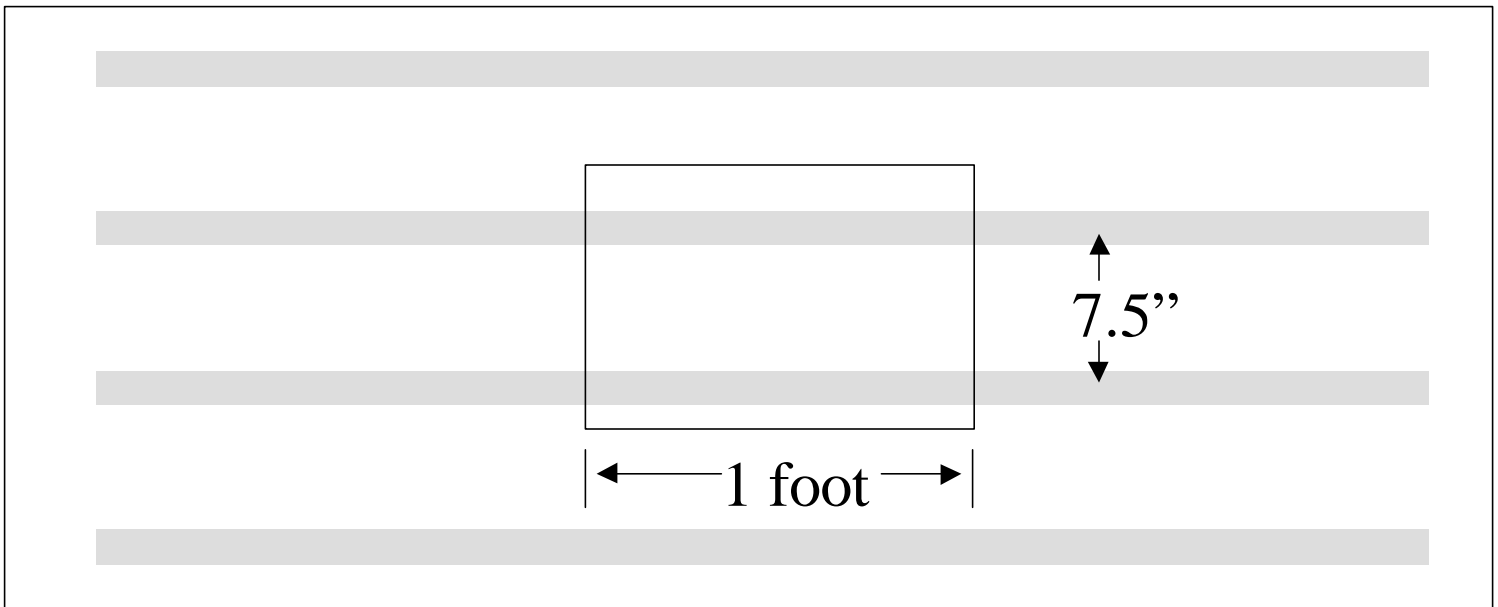


Figure 1. Measure all tillers in two adjacent rows in a section of row that is 1 foot long.

Table 1. Estimated wheat yields as determined by tiller number counted in a 1-foot section from two adjacent rows.

| Tillers/2 Foot of Row | Row Width (in) | | | |
|--------------------------|----------------|----|----|----|
| | 7.5 | 8 | 10 | 12 |
| | Yield (bu/a) | | | |
| 5 | 8 | 8 | 7 | 6 |
| 10 | 12 | 12 | 10 | 9 |
| 15 | 16 | 16 | 13 | 12 |
| 20 | 20 | 19 | 16 | 14 |
| 25 | 23 | 22 | 19 | 17 |
| 30 | 27 | 25 | 22 | 19 |
| 35 | 30 | 28 | 24 | 21 |
| 40 | 32 | 31 | 27 | 23 |
| 45 | 35 | 34 | 29 | 25 |
| 50 | 38 | 36 | 31 | 27 |
| 55 | 40 | 38 | 33 | 29 |
| 60 | 42 | 41 | 35 | 31 |
| 65 | 44 | 43 | 37 | 33 |
| 70 | 47 | 45 | 39 | 34 |

| Tillers/2 Foot of Row | Row Width (in) | | | |
|--------------------------|----------------|----|----|----|
| | 7.5 | 8 | 10 | 12 |
| | Yield (bu/a) | | | |
| 75 | 49 | 47 | 41 | 36 |
| 80 | 50 | 49 | 42 | 38 |
| 85 | 52 | 50 | 44 | 39 |
| 90 | 54 | 52 | 45 | 41 |
| 95 | 56 | 54 | 47 | 42 |
| 100 | 57 | 55 | 49 | 43 |
| 105 | 59 | 57 | 50 | 45 |
| 110 | 61 | 58 | 51 | 46 |
| 115 | 62 | 60 | 53 | 47 |
| 120 | 63 | 61 | 54 | 49 |
| 125 | 65 | 63 | 55 | 50 |
| 130 | 66 | 64 | 57 | 51 |
| 135 | 68 | 65 | 58 | 52 |
| 140 | 69 | 67 | 59 | 53 |