

2012 Data from Solvita For Kimpel Farms Research

| Location | 4/30 | 5/2 | 5/4 | 5/16 | 5/29 | 6/7 | 6/21 | 7/3 | 7/17 | 7/31 | 8/14 | 29-Aug | 12-Sep | yield (Bush. Per acre) |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|------------------------|
| corn | 16 | 3.15 | 48.39 | 3.03 | 2.99 | 3.19 | 3.35 | 2.42 | 2.74 | 2.78 | 2.54 | 3.60 | 2.54 | 23.74 |
| Sub tilled 4/30 fitted 5/6 | | | | 45.91 | 45.09 | 49.21 | 52.51 | 33.35 | 39.94 | 40.76 | 35.82 | 57.66 | 35.82 | 41.02 |
| corn | 9 | 3.19 | 48.39 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 51.17 |
| soy bean | 8 | 3.15 | 48.39 | 2.95 | 2.95 | 3.35 | 3.19 | 46.74 | 2.89 | 3.12 | 32.52 | 2.45 | 38.29 | 2.75 |
| soy bean | 1 | 48.39 | 3.15 | 44.27 | 43.44 | 31.70 | 44.27 | 43.44 | 32.52 | 61.78 | 33.35 | 26.55 | 35.00 | 34.00 |
| corn | 15 | 2.99 | 45.09 | 3.52 | 3.15 | 2.99 | 3.15 | 48.39 | 40.76 | 3.07 | 2.66 | 2.42 | 2.58 | 32.38 |
| sub till the day before planting | | | | 56.01 | 48.39 | 45.09 | 48.39 | 48.39 | 40.76 | 46.74 | 38.29 | 33.35 | 36.64 | 59.28 |
| corn | 10 | 45.09 | 3.60 | 2.82 | 2.62 | 2.82 | 3.60 | 3.60 | 3.03 | 2.99 | 1.85 | 2.74 | 2.74 | 68.83 |
| soy bean | 7 | 2.95 | 44.27 | 4.159 | 2.92 | 2.91 | 3.68 | 49.01 | 45.91 | 2.56 | 39.94 | 2.72 | 21.61 | 2.57 |
| soy bean | 2 | 44.27 | 2.95 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 44.27 | 55.00 |
| corn | 14 | 3.23 | 50.03 | 2.87 | 3.52 | 3.44 | 3.35 | 50.86 | 36.64 | 2.09 | 2.21 | 2.42 | 2.42 | 12.95 |
| subtilled 5/15 | | | | 42.62 | 56.01 | 54.36 | 52.51 | 51.68 | 38.29 | 26.55 | 29.02 | 33.35 | 33.35 | 43.17 |
| corn | 11 | 50.03 | 3.11 | 2.99 | 3.11 | 2.99 | 3.11 | 3.11 | 3.39 | 2.74 | 2.66 | 2.74 | 2.34 | 52.83 |
| soy bean | 6 | 3.23 | 50.03 | 2.62 | 47.82 | 2.62 | 47.82 | 2.62 | 47.82 | 2.62 | 47.82 | 2.62 | 47.82 | 55.83 |
| soy bean | 3 | 50.03 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 3.44 | 38.86 |
| corn | 13 | 3.35 | 48.39 | 2.99 | 2.17 | 3.19 | 2.91 | 2.74 | 3.15 | 2.70 | 2.95 | 2.78 | 2.58 | 21.59 |
| Sub tilled 4/30 | | | | 45.09 | 28.20 | 49.21 | 43.44 | 39.94 | 48.39 | 39.12 | 44.27 | 40.76 | 36.64 | 26.17 |
| corn | 12 | 52.51 | 2.62 | 37.47 | 2.88 | 2.62 | 37.47 | 2.88 | 2.78 | 2.95 | 2.66 | 2.78 | 2.54 | 48.33 |
| soy bean | 5 | 2.91 | 43.44 | 2.30 | 42.72 | 3.08 | 3.39 | 46.95 | 3.03 | 44.27 | 2.95 | 38.29 | 2.60 | 58.83 |
| soy bean | 4 | 43.44 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 3.39 | 49.33 |
| subtiled area approx 100ft. wide | | | | | | | | | | | | | | |
| corn | 32 | 3.15 | 48.39 | 2.95 | 2.62 | 3.03 | 2.99 | 2.82 | 3.07 | 2.13 | 2.38 | 2.54 | 2.54 | 30.22 |
| Sub tilled 4/30 fitted 5/6 | | | | 44.27 | 37.47 | 45.91 | 45.09 | 41.59 | 46.74 | 27.37 | 32.52 | 35.82 | 35.82 | 51.81 |
| corn | 25 | 48.39 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 3.07 | 37.00 |
| soy bean | 24 | 2.66 | 38.29 | 3.03 | 43.80 | 3.52 | 52.61 | 2.58 | 43.44 | 2.46 | 2.38 | 2.62 | 2.62 | 48.00 |
| soy bean | 17 | 38.29 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 19.43 |
| corn | 31 | 3.15 | 48.39 | 3.03 | 3.64 | 3.11 | 3.19 | 3.31 | 2.38 | 2.17 | 2.05 | 2.30 | 2.58 | 25.90 |
| Sub tilled 4/30 | | | | 45.91 | 58.48 | 47.56 | 49.21 | 51.68 | 32.52 | 28.20 | 25.73 | 30.88 | 36.64 | 48.83 |
| corn | 26 | 48.39 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 3.11 | 13.83 |
| soy bean | 23 | 3.44 | 54.36 | 2.78 | 45.24 | 3.35 | 46.07 | 2.66 | 44.58 | 2.13 | 33.44 | 2.34 | 2.34 | 0.00 |
| soy bean | 18 | 54.36 | 40.76 | 32.51 | 38.29 | 2.99 | 2.42 | 2.70 | 2.42 | 2.25 | 2.13 | 2.38 | 2.82 | 10.79 |
| corn | 30 | 2.95 | 3.31 | 2.70 | 3.31 | 45.09 | 33.35 | 49.12 | 33.35 | 29.85 | 27.37 | 32.52 | 41.59 | 17.33 |
| Sub tilled 4/30 | | | | 4.09 | 3.31 | 44.27 | 47.56 | 45.09 | 43.44 | 27.37 | 33.35 | 39.12 | 40.76 | 9.83 |
| corn | 27 | 46.74 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 4.31 |
| soy bean | 22 | 3.80 | 3.60 | 41.59 | 2.91 | 39.12 | 2.85 | 44.27 | 2.85 | 32.52 | 2.35 | 38.29 | 2.85 | 14.00 |
| soy bean | 19 | 61.78 | 46.74 | 39.94 | 41.59 | 46.74 | 39.94 | 41.59 | 40.76 | 31.70 | 29.85 | 38.29 | 31.11 | 34.50 |
| corn | 29 | 3.07 | 4.09 | 3.31 | 2.82 | 2.95 | 3.11 | 2.99 | 2.66 | 2.54 | 2.21 | 2.07 | 2.82 | 2.82 |
| Sub tilled 4/30 | | | | 67.75 | 51.68 | 44.27 | 47.56 | 45.09 | 38.29 | 35.82 | 29.02 | 46.74 | 41.59 | 4.31 |
| corn | 28 | 46.74 | 3.27 | 2.66 | 2.87 | 3.27 | 2.66 | 2.87 | 2.30 | 2.34 | 2.21 | 2.11 | 3.03 | 2.30 |
| soy bean | 21 | 3.31 | 3.55 | 50.86 | 2.98 | 38.29 | 2.85 | 42.62 | 2.79 | 30.88 | 2.66 | 29.02 | 2.41 | 2.99 |
| soy bean | 20 | 51.68 | 43.44 | 34.17 | 35.82 | 34.17 | 35.82 | 34.17 | 34.17 | 34.17 | 35.82 | 34.17 | 35.82 | 14.00 |
| | | | | 56.83 | | 2.82 | 3.19 | 2.74 | 3.76 | 2.58 | 2.66 | 2.78 | 2.25 | 2.25 |
| | | | | | | 41.59 | 49.21 | 39.94 | 60.95 | 36.64 | 38.29 | 40.76 | 29.85 | 34.50 |

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