

## Direct Seeded Vegetable Crop Chart

| Average Seeds Needed Per:   |                        |             |                      | Average Yield Per:           |                  |
|-----------------------------|------------------------|-------------|----------------------|------------------------------|------------------|
| Vegetable                   | 100' Row               | Acre        |                      | 100'                         | Acre             |
|                             |                        | Weight      | # of seeds (M=1,000) |                              |                  |
| Beans, bush                 | 800 seeds              |             | 116M                 | 45 lb.                       | 6,500 lb.        |
| Beans, pole                 | 420 seeds              |             | 46M                  | 80 lb.                       | 11,600 lb.       |
| Beans, lima                 | 1 lb.                  | 145 lb.     |                      | 17 lb.                       | 2,500 lb.        |
| Beans, shell                |                        |             |                      |                              |                  |
| <i>American and Italian</i> | 1 lb.                  | 145 lb.     |                      | 15 lb.                       | 2,100 lb.        |
| <i>French</i>               | 1/2 lb.                | 72 lb.      |                      | 8 lb.                        | 3,480 lb.        |
| Beans, soy                  | 1/2 lb.                | 87 lb.      |                      | 20 lb. fresh, 12 lb. dry     | 3,000 lb. fresh  |
| Beets                       | 1,500 seeds            |             | 436M                 | 40 lb. greens, 65 lb. roots  | 14,000 lb. roots |
| Broccoli                    | 200 seeds              |             | 50M                  | 50 lb.                       | 7,250 lb.        |
| Brussels sprouts            | 200 seeds              |             | 29-35M               | 60 lb.                       | 8,500 lb.        |
| Burdock                     | 1/2 oz.                | 6 lb.       |                      | 60 lb.                       | 13,000 lb.       |
| Cabbage                     | 200 seeds              |             | 29M                  | 150 lb.; 60 heads            | 22,000 lb.       |
| Cabbage, Chinese            | 300 seeds              |             | 66M                  | 90 lb.; 60 heads             | 13,000 lb.       |
| Carrot                      | 3,000 seeds            |             | 720M                 | 150 lb.                      | 33,000 lb.       |
| Cauliflower                 | 200 seeds              |             | 29M                  | 120 lb.; 60 heads            | 17,000 lb.       |
| Collards                    | 3/32 oz.               | 1 lb.       |                      | 75 lb.                       | 16,000 lb.       |
| Corn, sweet                 | 200 seeds              |             | 30M                  | 8 dozen ears                 | 1,200 dozen      |
| Corn, ornamental            | 1/8 lb.                | 18 1/4 lb.  |                      | 20 lb. fresh, 12 lb. dry     | 2,900 lb.        |
| Cucumber                    | 300 seeds              |             | 22M                  | 120 lb.                      | 17,500 lb.       |
| Endive                      | 600 seeds              | 10 oz.      | 175M                 | 80 heads                     | 17,000 heads     |
| Greens, mustard             | 1,600 seeds            | 1 1/3 lb.   |                      | 100 lb.                      | 29,000 lb.       |
| Kale                        | 450 seeds              | 1 lb.       | 112M                 | 75 lb.                       | 16,000 lb.       |
| Kohlrabi                    | 1,500 seeds            |             | 436M                 | 50 lb.                       | 14,500 lb.       |
| Leeks                       | 600 seeds              | 11 oz.      | 105M                 | 150 stalks                   | 32,550 stalks    |
| Lettuce                     | 450 seeds              | 5 1/2 oz.   | 132-198M             | 100 heads                    | 29,000 heads     |
| Melons                      | 200 seeds              |             | 15M                  | 100 fruits                   | 14,500 fruits    |
| Onions, bulbing             | 2,000 seeds            |             | 580M                 | 140 lb.                      | 42,000 lb.       |
| Onions, bunching            | 1/2 oz.                | 7 1/2 lb.   | 1,089M               | 100 lb.                      | 29,000 lb.       |
| Parsnips                    | 1/3 oz. or 2,000 seeds | 4 lb.       | 436M                 | 75 lb.                       | 16,000 lb.       |
| Peas, fresh                 | 1 1/4 lb.              | 272 lb.     |                      | 25 lb.                       | 5,000 lb.        |
| Pumpkin                     | 200 seeds              | 5 lb.       | 15M                  | 300 lb.                      | 21,500 lb.       |
| Radish, small               | 1 1/2 oz.              | 31 lb.      | 1,555M               | 100 bunches                  | 29,000 bunches   |
| Radish, daikon              | 1/3 oz.                | 5 1/4-7 lb. |                      | 200 lb.                      | 43,000 lb.       |
| Rutabaga                    | 600 seeds              | 14 1/4 oz.  | 131M                 | 150 lb.                      | 32,500 lb.       |
| Salsify                     | 3/4 lb.                | 10 1/2 lb.  |                      | 60 lb.                       | 17,400 lb.       |
| Spinach, full size          | 1,000 seeds            |             | 290M                 | 40 lb.                       | 11,600 lb.       |
| Squash, summer              |                        |             |                      |                              |                  |
| <i>Zucchini</i>             | 300 seeds              |             | 22-26M               | 200 lb.                      | 30,000 lb.       |
| <i>Yellow Summer</i>        | 300 seeds              |             | 22-26M               | 200 lb.                      | 30,000 lb.       |
| <i>Patty Pan/Scallop</i>    | 300 seeds              |             | 22-26M               | 150 lb.                      | 22,000 lb.       |
| Squash, winter              | 200 seeds              |             | 15M                  | 200 lb.                      | 30,000 lb.       |
| Turnip                      | 1/3 oz.                | 5 2/3 lb.   |                      | 100 lb. greens; 50 lb. roots | 14,500 lb. roots |
| Watermelon                  | 200 seeds              | 1 1/3 lb.   | 15M                  | 70 fruits                    | 10,000 fruits    |