

Enter Last Frost Date:

**Seed Start Formula:** Frost Date + (Frost Plant Time - Transplant Growth Time)

**Planting Formula:** Frost Date + (Frost Plant Time)

| Vegetables              | Direct Seed | Transplant | Transplant Growth Time<br>(in weeks) | Frost Plant Time<br>(negatives planted before frost) | Seed Start Date | Planting Date |
|-------------------------|-------------|------------|--------------------------------------|--|-----------------|---------------|
| Asian Greens            | X           | X          | 5                                    | -2   |                 |               |
| Beans: Runner Beans     | X           |            |                                      | 2  |                 |               |
| Beans: Bush             | X           |            |                                      | 2  |                 |               |
| Beets                   | X           |            |                                      | -2   |                 |               |
| Cabbage                 | X           | X          | 6                                    | -3   |                 |               |
| Carrots                 | X           |            |                                      | -1   |                 |               |
| Celery                  |             | X          | 10                                   | -1   |                 |               |
| Corn                    | X           |            |                                      | 2  |                 |               |
| Cucumbers               | X           | X          | 4                                    | 2  |                 |               |
| Eggplant                |             | X          | 8                                    | 3  |                 |               |
| Ground Cherry           |             | X          | 8                                    | 1  |                 |               |
| Kale                    | X           | X          | 5                                    | -4   |                 |               |
| Kohlrabi                | X           | X          | 5                                    | -4   |                 |               |
| Lettuce: Butterhead     | X           | X          | 3                                    | -5   |                 |               |
| Lettuce: Bibb           | X           | X          | 3                                    | -5   |                 |               |
| Melons                  | X           | X          | 3                                    | 2  |                 |               |
| Parsnips                | X           |            |                                      |  |                 |               |
| Peas                    | X           |            |                                      | -6   |                 |               |
| Pumpkin                 | X           | X          | 3                                    | 2  |                 |               |
| Purslane                | X           | X          | 8                                    | 2  |                 |               |
| Radishes                | X           |            |                                      | -4   |                 |               |
| Spinach                 | X           |            |                                      | -6   |                 |               |
| Spinach: Summer         | X           | X          | 6                                    | 2  |                 |               |
| Squash: Winter          | X           | X          | 3                                    | 2  |                 |               |
| Squash: Summer          | X           | X          | 3                                    | 2  |                 |               |
| Swiss Chard             | X           | X          | 5                                    | -6   |                 |               |
| Tomatoes: Indeterminate |             | X          | 8                                    | 1  |                 |               |
| Turnips                 | X           |            |                                      | -2   |                 |               |
| Watermelon              | X           | X          | 4                                    | 2  |                 |               |
| Flowers                 | Direct Seed | Transplant | Transplant Growth Time               | Frost Plant Time                                     | Seed Start Date | Planting Date |
| Calendula               | X           | X          | 4                                    |  |                 |               |
| Chamomile               |             | X          | 7                                    |  |                 |               |
| Marigold                | X           | X          | 5                                    | 2  |                 |               |
| Nasturtium              | X           | X          | 5                                    | 1  |                 |               |
| Poppy                   | X           |            |                                      | 1  |                 |               |

|              |                    |                   |                               |                         |                        |                      |
|--------------|--------------------|-------------------|-------------------------------|-------------------------|------------------------|----------------------|
| Snap Dragon  | X                  | X                 | 7                             | 2                       |                        |                      |
| Zinnia       | X                  | X                 | 4                             | 2                       |                        |                      |
| <b>Herbs</b> | <b>Direct Seed</b> | <b>Transplant</b> | <b>Transplant Growth Time</b> | <b>Frost Plant Time</b> | <b>Seed Start Date</b> | <b>Planting Date</b> |
| Basil        | X                  | X                 | 6                             | 2                       |                        |                      |
| Chives       | X                  | X                 | 6                             | 2                       |                        |                      |
| Cilantro     | X                  |                   | 6                             | 2                       |                        |                      |
| Dill         | X                  | X                 | 6                             | 2                       |                        |                      |
| Oregano      | X                  | X                 | 8                             | 2                       |                        |                      |
| Thyme        | X                  | X                 | 7                             | -1                      |                        |                      |

| Categories              | Earliest Emerge<br>(Days) | Latest Emerge<br>(Days) | Earliest Harvest<br>(Days) | Latest Harvest<br>(Days) | Sow Depth<br>(Inches) | Sow Spacing<br>(Inches) | Final Spacing<br>(Inches) | Sun  | Planting Seasons |
|-------------------------|---------------------------|-------------------------|----------------------------|--------------------------|-----------------------|-------------------------|---------------------------|------|------------------|
| Asian Greens            | 3                         | 12                      | 30                         | 45                       | 0.1                   | 1                       | 6                         | Part | Sp, Fa           |
| Beans: Runner Beans     | 8                         | 16                      | 70                         | 90                       | 1                     | 3                       | no thinning               | Full | Su               |
| Beans: Bush             | 8                         | 16                      | 70                         | 90                       | 1                     | 3                       | no thinning               | Full | Su               |
| Beets                   | 5                         | 17                      | 50                         | 85                       | 0.5                   | 1                       | 3                         | Full | Sp, Su, Fa       |
| Cabbage                 | 5                         | 17                      | 90                         | 120                      | 0.25                  | 6                       | 18                        | Full | Sp, Su           |
| Carrots                 | 6                         | 21                      | 75                         | 80                       | 0.25                  | 0.5                     | 2                         | Full | Sp, Su, Fa       |
| Celery                  | 10                        | 20                      | 100                        | 120                      | 0.1                   | 12                      | 12                        | Full | Sp, Su           |
| Corn                    | 7                         | 10                      | 75                         | 120                      | 1.5                   | 3                       | 12                        | Full | Su               |
| Cucumbers               | 4                         | 13                      | 55                         | 65                       | 0.5                   | 2                       | 3                         | Full | Su               |
| Eggplant                | 5                         | 17                      | 70                         | 100                      | 0.25                  | 12                      | 24                        | Full | Su               |
| Ground Cherry           | 6                         | 14                      | 55                         | 85                       | 0.25                  | 12                      | 24                        | Full | Su               |
| Kale                    | 5                         | 17                      | 45                         | 60                       | 0.5                   | 2                       | 12                        | Part | Sp, Su, Fa       |
| Kohlrabi                | 5                         | 17                      | 60                         | 75                       | 0.25                  | 3                       | 9                         | Full | Sp, Su           |
| Lettuce: Butterhead     | 3                         | 15                      | 25                         | 50                       | 0.1                   | 0.5                     | 6                         | Part | Sp, Su, Fa       |
| Lettuce: Bibb           | 3                         | 15                      | 25                         | 50                       | 0.1                   | 0.5                     | 6                         | Part | Sp, Su, Fa       |
| Melons                  | 3                         | 10                      | 65                         | 95                       | 0.5                   | 5                       | 12                        | Full | Su               |
| Parsnips                | 15                        | 28                      | 100                        | 130                      | 0.75                  | 0.5                     | 3                         | Full | Sp, Su           |
| Peas                    | 6                         | 14                      | 50                         | 75                       | 1.5                   | 3                       | no thinning               | Full | Sp               |
| Pumpkin                 | 5                         | 10                      | 90                         | 120                      | 1                     | 6                       | 12                        | Full | Su               |
| Purslane                | 2                         | 15                      | 42                         | 50                       | 0.1                   | 2                       | 8                         | Full | Su               |
| Radishes                | 4                         | 11                      | 20                         | 30                       | 0.5                   | 0.5                     | 2                         | Full | Sp, Su, Fa       |
| Spinach                 | 6                         | 21                      | 30                         | 50                       | 0.5                   | 1                       | 4                         | Part | Sp, Su, Fa       |
| Spinach: Summer         | 14                        | 21                      | 50                         | 80                       | 0.25                  | no                      | 12                        | Full | Su               |
| Squash: Winter          | 5                         | 10                      | 80                         | 95                       | 1                     | 6                       | 24                        | Full | Su               |
| Squash: Summer          | 5                         | 10                      | 50                         | 70                       | 0.5                   | 6                       | 12                        | Full | Su               |
| Swiss Chard             | 5                         | 17                      | 45                         | 60                       | 0.5                   | 3                       | 12                        | Part | Sp, Su, Fa       |
| Tomatoes: Indeterminate | 6                         | 14                      | 55                         | 85                       | 0.25                  | 12                      | 24                        | Full | Su               |
| Turnips                 | 5                         | 17                      | 40                         | 65                       | 0.5                   | 1                       | 5                         | Full | Sp, Su, Fa       |
| Watermelon              | 3                         | 10                      | 70                         | 100                      | 0.5                   | 6                       | 12                        | Full | Su               |
| Flowers                 | Earliest Emerge           | Latest Emerge           | Earliest Harvest           | Latest Harvest           | Sow Depth             | Sow Spacing             | Final Spacing             | Sun  | Plant            |
| Calendula               | 10                        | 14                      | 45                         | 60                       | 0.25                  | 3                       | 8                         | Part | Su               |
| Chamomile               | 14                        | 21                      | 56                         | 64                       | 0.25                  | 6                       | 12                        | Full | Su               |
| Marigold                | 7                         | 15                      | 45                         | 50                       | 0.25                  | 6                       | 9                         | Full | Su               |
| Nasturtium              | 10                        | 12                      | 35                         | 52                       | 1                     | 3                       | 10                        | Part | Su               |
| Poppy                   | 10                        | 14                      | 30                         | 50                       | surface               | 1                       | 6                         | Full | Su, Fa           |
| Snap Dragon             | 10                        | 14                      | 45                         | 55                       | 0.1                   | 1                       | 10                        | Full | Su               |
| Zinnia                  | 4                         | 7                       | 60                         | 70                       | 0.25                  | 3                       | 12                        | Full | Su               |
| Herbs                   | Earliest Emerge           | Latest Emerge           | Earliest Harvest           | Latest Harvest           | Sow Depth             | Sow Spacing             | Final Spacing             | Sun  | Plant            |
| Basil                   | 7                         | 14                      | 65                         | 75                       | 0.25                  | 3                       | 10                        | Full | Su               |
| Chives                  | 10                        | 15                      | 65                         | 75                       | 0.25                  | 3                       | 6                         | Full | Su               |
| Cilantro                | 7                         | 14                      | 65                         | 75                       | 0.25                  | 3                       | 9                         | Full | Su               |
| Dill                    | 7                         | 21                      | 65                         | 75                       | 0.1                   | 2                       | 12                        | Full | Su               |
| Oregano                 | 7                         | 14                      | 60                         | 70                       | Surface               | 1                       | 18                        | Full | Su               |
| Thyme                   | 14                        | 28                      | 60                         | 70                       | Surface               | 1                       | 18                        | Full | Sp, Su           |