Table 14.2, pages 351-352 in California Master Gardener Handbook. Nancy Garrison and Dennis R. Pittenger. 2002. Pittenger, editor. University of California, Division of Agriculture and Natural Resources, Publication 3338. Oakland, CA. Copyright © 2009 - The Regents of the University of California. All rights reserved.

Table 14.2
VEGETABLE GARDENING AT A GLANCE: HOW TO PLANT AND STORE

| Vegetable | Recommended planting dates ${ }^{\text {a }}$ |  |  |  | General planting requirements |  |  |  | Storage conditions |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | North and North Coast | South <br> Coast | Interior Valleys | Desert <br> Valleys | Crop type ${ }^{\text {b }}$ | Amount to plant (4 persons) | Distance in inches ${ }^{\text {c }}$ between plants in rows (cm) | Distance in inchesc between rows (no beds) (m) | Best temp ${ }^{\circ} \mathrm{F}\left({ }^{\circ} \mathrm{C}\right)$ | Time length (weeks) | How to preserve ${ }^{d}$ |
| artichoke ${ }^{\text {e }}$ | Aug-Dec | May-Jul | Jul | Sep | C | 3-4 plants | 48 (122) | 60 (1.5) | 32 (0) | 1-2 | freeze whole, can, dry, or freeze hearts |
| asparaguse | Jan-Mar | Jan-Feb | Jan-Feb | Feb-Apr | C | 30-40 plants | 12 (31) | 60 (1.5) | 32 (0) | 3-4 | can, dry, or freeze |
| beans, limaf | May-Jun | May-Jun | May-Jun | - | W | 15-25-ft row | 6 (15) bush; <br> (4.5-7.5-m row) | $\begin{aligned} & 30(0.8) \\ & 24 \text { (61) pole } \end{aligned}$ | 40 (4) | 1-3 | can, dry, or freeze |
| beans, snapfg | Jul; May-Jun | Mar-Aug | Apr-May; <br> Jul-Aug | Jan-Mar; <br> Aug | w | $\begin{aligned} & 15-25-\mathrm{ft} \text { row } \\ & \text { (4.5-7.5-m row) } \end{aligned}$ | $\begin{aligned} & 3 \text { (7.5) bush; } \\ & 24 \text { (61) pole } \end{aligned}$ | $30^{\text {h (0.8) }}$ | $\begin{aligned} & 45-55 \\ & (7-13) \end{aligned}$ | 1-2 | can, dry, or freeze |
| beetsf,g | Feb-Aug | Jan-Sep | Feb-Apr; <br> Aug | Sep-Jan | C | $\begin{aligned} & \text { 10-15-ft row } \\ & \text { (3-4.5-m row) } \end{aligned}$ | 2 (5) | $18^{\text {h }}(0.5)$ | 32 (0) | 3-10 | can, dry, or freeze |
| broccolie, f,g | Feb-Apr; <br> Aug-Sep | $\begin{aligned} & \text { Jun-Jul; } \\ & \text { Jan-Feb } \end{aligned}$ | Dec-Feb; <br> Jul | Sep | C | $\begin{aligned} & 6-10-\mathrm{ft} \text { row } \\ & \text { (2-3-m row) } \end{aligned}$ | $\begin{aligned} & 12-18 \\ & (30-45) \end{aligned}$ | 36 (0.9) | 32 (0) | 1-2 | dry or freeze |
| brussels sproutse | Feb-May | Jun-Jul | - | - | C | 15-20-ft row <br> (4.5-6-m row) | 24 (61) | 36 (0.9) | 32 (0) | 3-4 | dry or freeze |
| cabbage ${ }^{\text {e,f }}$ | Jan-Apr; <br> Jul-Sep | Aug-Feb | Jul; Feb | Sep-Nov | C | 10-15 plants | 24 (61) | 36 (0.9) | 32 (0) | 12-16 | dry or freeze |
| cabbage, Chinese ${ }^{\text {f }}$ | Jul-Sep | Aug-Oct | Aug | Aug-Nov | C | $\begin{aligned} & 10-15-\mathrm{ft} \text { row } \\ & (3-4.5-\mathrm{m} \text { row) } \end{aligned}$ | 6 (15) | $30^{\text {h }}(0.8)$ | 32 (0) | 2-3 | dry or freeze |
| cantaloupes and other melons | May | Apr-May | Apr-Jun | Jan-Apr; Jul | W | 5-10 hills | 12 (30) | 72 (1.8) | $\begin{aligned} & 40-45 \\ & (4-7) \end{aligned}$ | 2-4 | freeze |
| carrots ${ }^{\text {fig }}$ | Jan-May; <br> Jul-Aug | Jan-Sep | Aug-Sep; <br> Feb-Apr | Sep-Dec | C | $\begin{aligned} & 10-25-\mathrm{ft} \text { row } \\ & \text { (3-7.5-m row) } \end{aligned}$ | 2 (5) | $24^{\text {h (0.6) }}$ | 32 (0) | 16-20 | can, dry, or freeze |
| cauliflowere | Jun-Jul; | $\begin{aligned} & \text { Jul-Oct; Feb } \\ & \text { Jan-Feb } \end{aligned}$ | Jul-Aug | Aug-Sep | C | 10-15 plants | 24 (61) | 36 (0.9) | 32 (0) | 2-3 | pickle, dry, or freeze |
| celeriac | Mar-Jun | Mar-Aug | Jun-Aug | - | C | 10-15-ft row | 4 (10) | $24^{\text {h }}$ (0.6) | 32 (0) | 8-16 | can, dry, or freeze |
| celerye,f <br> freeze | Mar-Jun | Apr-Aug | Jun-Aug | - | C | $\begin{aligned} & 20-30-\mathrm{ft} \text { row } \\ & (6-9-\mathrm{m} \text { row) } \end{aligned}$ | 5 (13) | $24^{\text {h (0.6) }}$ | 32 (0) | 8-16 | can, dry, or |
| chardf | Feb-May; Aug | Feb-May | Feb; Aug | Sep-Oct | C | 3-4 plants | 12 (30) | 30 (0.8) | 32 (0) | 1-2 | freeze |
| chayote | - | Apr-May | May-Jun | - | W | 1-2 plants | 72 (183) | use trellis | - | - | use fresh |
| chives ${ }^{f}$ | Apr | Feb-Apr | Feb-Mar | Sep-Feb | c | 1 clump | - | - | - | - | use fresh |
| corn, sweet ${ }^{\text {g }}$ | May-Jul | Mar-Jul | Mar-Jul; <br> Aug | Feb-Mar | W | $\begin{aligned} & 20-30-\mathrm{ft}(6-9 \mathrm{~m}) \\ & \text { in } 4 \text { rows } \end{aligned}$ | 12 (30) | 36 (0.9) | 32 (0) | $1 / 2-1$ | can, dry, or freeze |
| cucumbers | Apr-Jun | Apr-Jun | Apr-Jul | Feb-May; <br> Aug | W | 6 plants | 24 (61) | 48 (1.2) | $\begin{aligned} & 45-55 \\ & (7-13) \end{aligned}$ | 1-2 | freeze, pickle, or puree |
| eggplante,f | May | Apr-May | Apr-May | Feb-Apr | W | 4-6 plants | 18 (46) | 36 (0.9) | $\begin{aligned} & 50-60 \\ & (10-16) \end{aligned}$ | 1-2 | dry or freeze |
| endive ${ }^{\text {f }}$ | Mar-Jul | Dec-Aug | Jan; Apr; Aug | Sep-Dec | C | 10-15-ft row <br> (3-4.5-m row) | 10 (25) | $24^{\text {h }}$ (0.6) | 32 (0) | 2-3 | use fresh |
| Florence fennel | Mar-Jul | Feb-Jul | Aug | Sep-Nov | $\begin{aligned} & C \\ & (3-4.5-1 \end{aligned}$ | 10-15-ft row <br> -m row) | 4 (10) | $30^{\text {h }}(0.8)$ | 32 (0) | 2-3 | can, dry, or freeze |
| garlic ${ }^{\text {f }}$ | Oct-Dec | Oct-Dec | Oct-Dec | Sep-Nov | C | $\begin{aligned} & 10-20-\mathrm{ft} \text { row } \\ & \text { (3-6-m row) } \end{aligned}$ | 3 (7.5) | $18^{\text {h }}(0.5)$ | $\begin{aligned} & 65-70 \\ & (18-21) \end{aligned}$ | 24-32 | use fresh |
| kale | Feb-April | Aug-Oct | Aug-Sept | Sept-Nov | C | $10-\mathrm{ft}$ row <br> (3-m row) | $\begin{aligned} & 18-24 \\ & (46-61) \end{aligned}$ | $\begin{aligned} & 24-30 \\ & (0.6-0.8) \end{aligned}$ | 32 (0) | 2 | use fresh |
| kohlrabif | Jul-Aug | Jan; <br> Aug-Sep | Aug | Oct-Nov | C | 10-15-ft row <br> (3-4.5-m row) | 3 (7.5) | 24 (0.6) | 32 (0) | 2-4 | use fresh |
| leeks | Feb-Apr | Jan-Apr | Jan-Apr | - | C | 10-ft row | 2 (5) | 24 (0.6) | 32 (0) | 4-12 | use fresh |
| lettucefg | Feb-Aug | Aug-Apr | Aug; <br> Nov-Mar | Sep-Dec | C | 10-15-ft row <br> or $5 \mathrm{ft}(1.5 \mathrm{~m})$ <br> each month | $\begin{aligned} & 12(30) \text { head; } \\ & (3-4.5-\mathrm{m} \text { row) } \end{aligned}$ | $\begin{aligned} & 24(0.6) \\ & 6(0.15) \text { leaf } \end{aligned}$ | 32 (0) | 2-3 | use fresh |

Table 14.2 cont.

| Vegetable | Recommended planting dates ${ }^{\text {a }}$ |  |  |  | General planting requirements |  |  |  | Storage conditions |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | North and North Coast | South <br> Coast | Interior Valleys | Desert Valleys | Crop type ${ }^{\text {b }}$ | Amount to plant (4 persons) | Distance in inchesc between plants in rows (cm) | Distance in inches ${ }^{\text {c }}$ between rows (no beds) (m) | Best <br> temp <br> ${ }^{\circ} \mathrm{F}\left({ }^{\circ} \mathrm{C}\right)$ | Time length (weeks) | How to preserve ${ }^{d}$ |
| mustard | Apr; Jul-Aug | Aug-Feb | Aug; Apr | Oct-Dec | C | $\begin{aligned} & 10-\mathrm{ft} \text { row } \\ & \text { (3-m row) } \end{aligned}$ | 8 (20) | $24^{\text {h }}$ (0.6) | 32 (0) | 1-2 | use fresh |
| okra | May | Apr-May | May | Mar | W | 10-20-ft row | 18 (46) | 36 (0.9) | $\begin{gathered} 50-60 \\ (10-16) \end{gathered}$ | - | use fresh |
| onions, bulb ${ }^{\text {f }}$ | Jan-Mar | Feb-Mar | Nov-Mar | Oct-Nov | C | 30-40-ft row | $\begin{aligned} & 3 \text { (7.5) } \\ & \text { (9-12-m row) } \end{aligned}$ | $18^{\text {h }}(0.5)$ | 32-36 | $\begin{gathered} 12-32 \\ (0-2) \end{gathered}$ | can, dry, or freeze |
| onions, greenef, ${ }^{\text {fig }}$ | Apr-Jul | All year | Aug-Dec | Sep-Jan | C |  |  |  | $\begin{gathered} 85-90 \\ (30-32) \end{gathered}$ |  | use fresh |
| parsley ${ }^{\text {f }}$ | Dec-May | Dec-May | Dec-May | Sep-Oct | C | 1-2 plants | 8 (20) | 24 (0.6) | 32 (0) | 1-2 | dry or freeze |
| parsnips | May-Jun | Mar-Jul | May-Jul | Sep-Oct | C | $\begin{aligned} & \text { 10-15-ft row } \\ & \text { (3-4.5-m row) } \end{aligned}$ | 3 (7.5) | $24^{\text {h }}$ (0.6) | 32 (0) | 8-16 | freeze |
| peas ${ }^{\text {frg }}$ | Jan-Apr; Sep-Oct | Aug; <br> Dec-Mar | $\begin{aligned} & \text { Sep-Jan; } \\ & \text { Jan-Feb } \end{aligned}$ | Sep-Oct | C | $\begin{aligned} & 30-40-\mathrm{ft} \text { row } \\ & (9-12-\mathrm{m} \text { row) } \end{aligned}$ | 2 (5) | 36 (0.9) bush; <br> 48 (1.2) vine | $\text { ; } 32 \text { (0) }$ | 1-2 | can, dry, or freeze |
| pepperse,f | May | Apr-May | May | Mar | W | 5-10 plants | 24 (61) | 36 (0.9) | $\begin{aligned} & 45-55 \\ & (7-13) \end{aligned}$ | 4-6 | can, dry, or freeze |
| potatoes, sweet ${ }^{\text {e }}$ | May | Apr-May | Apr-Jun | Feb-Jun | W | $\begin{aligned} & 50-100-\mathrm{ft} \text { row } 1 \\ & (15-30-\mathrm{m} \text { row) } \end{aligned}$ | 2 (30) | 36 (0.9) | $\begin{gathered} 55-60 \\ (13-16) \end{gathered}$ | 8-24 | can, dry, or freeze |
| potatoes, white | Early: Feb | Feb-May | Feb-Mar; | Dec-Feb | C | 50-100-ft row | 12 (30) | 30 (0.8) | 40-45 | 12-20 | can, dry, or freeze |
|  | Late: Apr-May | Jun-Aug | Aug |  |  | (15-30-m row) |  |  | (4-7) |  |  |
| pumpkins | May | May-Jun | Apr-Jun | Mar-Jul | W | 1-3 plants | 48 (122) | 72 (1.8) | 55 (13) | 8-24 | can, dry, or freeze |
| radishfg | All year | All year | Sep-Apr | Oct-Mar | C | 4-ft row <br> (1.2-m row) | 1 (2.5) | $6^{\text {h }}(0.2)$ | 32 (0) | - | use fresh |
| rhubarbe | Dec-Mar | Dec-Jan | Dec-Feb | - | C | 2-3 plants | 36 (91) | 48 (1.2) | 32 (0) | 2-3 | can or freeze |
| rutabaga | Jul; Mar-Apr | Jul-Sep; <br> Aug-Mar | Aug | Oct-Dec | C | 10-15-ft row <br> (3-4.5-m row) | 3 (7.5) | $6^{\text {h }}(0.2)$ | 32 (0) | 8-16 | freeze |
| spinach ${ }^{\text {f }}$ | Aug-Feb | Aug-Mar | Sep-Jan | Sep-Nov | C | $\begin{aligned} & 10-20-\mathrm{ft} \text { row } \\ & \text { (3-6-m row) } \end{aligned}$ | 3 (7.5) | $18^{\text {h }}(0.5)$ | 32 (0) | 1-2 | dry or freeze |
| squash, summer ${ }^{\text {f }}$ | May-Jul | Apr-Jun | $\begin{aligned} & \text { Apr-Jul } \\ & \text { Aug-Sep } \end{aligned}$ | Feb-Mar; | W | 2-4 plants | 24 (61) | $\begin{aligned} & 48(1.2) \\ & (10-13) \end{aligned}$ | 50-55 | 2-3 | can, dry, or freeze |
| squash, winter ${ }^{\text {f }}$ | May | Apr-Jun | Apr-Jun | Feb-Mar; Aug | W | 2-4 plants | $\begin{aligned} & 24-48 \\ & (61-122) \end{aligned}$ | 72 (1.8) | 55 (13) | 8-24 | can, dry, or freeze |
| tomatoese, f | May | Apr-Jul 15 | Apr-May | Dec-Mar | W | 6-10 plants | $\begin{aligned} & 18-36 \\ & (46-91) \end{aligned}$ | $\begin{aligned} & 36-60 \\ & (0.9-1.5) \end{aligned}$ | $\begin{gathered} 55-65 \\ (13-18) \end{gathered}$ | 1-2 | can, dry, or freeze |
| turnips ${ }^{\text {f }}$ | Jan, Aug | Jan <br> Aug-Oct | Feb; Aug | Oct-Feb | C | 10-15-ft row <br> (3-4.5-m row) | 2 (2.5) | $18^{\text {h }}$ (0.5) | 32 (0) | 8-12 | can |
| watermelons | May-Jun | Apr-Jun | Apr-Jun | Jan-Mar | W | 6 plants | 60 (152) | 72 (1.8) | 40 (4) | 2-3 | freeze |

## Notes:

a North and North Coast = Monterey County north; South Coast = San Luis Obispo County south; Interior Valleys = Sacramento, San Joaquin, and similar valleys; Desert Valleys = Imperial and Coachella Valleys. Because the areas shown here are large, planting dates are only approximate, as the climate may vary even in small sections of the state. Contact experienced gardeners in your community and experiment on your own to find more precise dates.
${ }^{\mathrm{b}} \mathrm{C}=$ cool season, $\mathrm{W}=$ warm season.
c Planting distances listed here are standards. Many crops can be spaced more closely for intensive production.
d Adapted from Vegetable Gardening Illustrated 1994.
e Transplants, shoots, or roots are used for field planting.
${ }^{f}$ This crop is suitable for a small garden if compact varieties are grown.
9 In a suitable climate, these crops can be planted more than once per year for a continuous harvest.
h If grown in beds, plant two rows per bed. Space the beds about 32 to 40 inches ( 80 to 100 cm ) apart and make the tops of the beds 18 inches $(45 \mathrm{~cm})$ wide.

