



## VEGETABLES – WARM SEASON 1

### Beans – Bush and Pole



|                          |                                                                                              |                                                                                                               |
|--------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Growing Conditions       | Light                                                                                        | Full sun                                                                                                      |
|                          | Water                                                                                        | Consistent moisture; when top 2-3" of soil is dry, water down to root zone; use soaker hose; keep leaves dry. |
|                          | Fertilizer                                                                                   | At time of planting, then every 4-6 weeks.                                                                    |
|                          | Pole beans need support – trellis or poles or fencing.<br>Roots are shallow - weed carefully |                                                                                                               |
| Common Problems and Tips | Plants wilted, too small, yellow leaves                                                      | Soil too wet, poor drainage, need more fertilizer. Provide better drainage, add nitrogen, use mulch.          |
|                          | Curled, deformed leaves; black moldy spots                                                   | Aphids; use water spray or soapy spray to remove. Control ants                                                |
|                          | Blossoms drop off, no fruit                                                                  | Too hot, soil too dry.                                                                                        |
|                          | Plants wilt even when soil moist                                                             | Fungus disease in roots - remove and discard plants.                                                          |
|                          | Leaves spotty white or yellow, grey underneath                                               | Spider mites; use water or soapy spray to remove                                                              |

**More information:** [vric.ucdavis.edu/veg\\_info\\_crop/beans.htm](http://vric.ucdavis.edu/veg_info_crop/beans.htm)  
[www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/beans.html](http://www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/beans.html)

# Tomato



|                          |                                                      |                                                                                                               |
|--------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Growing Conditions       | Light                                                | Full SUN                                                                                                      |
|                          | Water                                                | Consistent moisture; when top 2-3" of soil is dry, water down to root zone; use soaker hose; keep leaves dry. |
|                          | Fertilizer                                           | At time of planting, then wait until fruit is set; then every 4-6 weeks.                                      |
|                          | Tomatoes need support – keep fruit off ground        |                                                                                                               |
| Common Problems and Tips | Fruit does not set; flowers drop                     | Cold nights; days too hot (over 90F every day); not enough sunlight.                                          |
|                          | Leaves disappear or partially gone                   | Weevils, caterpillars, snails, slugs - pick off.                                                              |
|                          | Plants wilt even when soil moist; plants turn yellow | Fungus disease in roots - remove and discard plants; replant in different location.                           |
|                          | Fruits are black/brown on bottom                     | Blossom-end rot, caused by high salt and uneven watering. Keep soil moisture level consistent.                |
|                          | Fruit has large cracks around stem                   | Too much water; remove fruit when ripe; keep soil moisture level consistent.                                  |

**More information:** [vric.ucdavis.edu/veg\\_info\\_crop/tomato.htm](http://vric.ucdavis.edu/veg_info_crop/tomato.htm)  
[www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/tomato.html](http://www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/tomato.html)

# Peppers



|                          |                                                                                        |                                                                                                               |
|--------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Growing Conditions       | Light                                                                                  | Full sun                                                                                                      |
|                          | Water                                                                                  | Consistent moisture; when top 2-3" of soil is dry, water down to root zone; use soaker hose; keep leaves dry. |
|                          | Fertilizer                                                                             | At time of planting, then wait until fruit is set; then every 4-6 weeks.                                      |
|                          | If you intend to dry them, leave to ripen on the plant. Cut from stem, don't pull off. |                                                                                                               |
| Common Problems and Tips | Plants don't grow; flowers drop; no fruit                                              | Too cold; wait until nights are warmer                                                                        |
|                          | Deformed curled leaves, stunted growth; visible small insects on leaves                | Aphids; use water spray or soapy spray to remove. Control ants.                                               |
|                          | Plants wilt even when soil moist                                                       | Fungus disease in roots - remove and discard plants.                                                          |
|                          | Large water-soaked spot at blossom end, turns black and moldy                          | Blossom-end rot, caused by uneven watering. Keep soil moisture consistent.                                    |
|                          | Buds or peppers may drop, have holes, are misshapen, blotches.                         | Weevils; destroy plant after harvest to eliminate.                                                            |

**More information:** [vric.ucdavis.edu/veg\\_info\\_crop/pepper\\_bell.htm](http://vric.ucdavis.edu/veg_info_crop/pepper_bell.htm)

[vric.ucdavis.edu/veg\\_info\\_crop/pepper\\_chile.htm](http://vric.ucdavis.edu/veg_info_crop/pepper_chile.htm)

<http://www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/peppers.html>



# Eggplant



|                          |                                                                                                      |                                                                                                               |
|--------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Growing Conditions       | Light                                                                                                | Full sun; warm to hot temperatures                                                                            |
|                          | Water                                                                                                | Consistent moisture; when top 2-3" of soil is dry, water down to root zone; use soaker hose; keep leaves dry. |
|                          | Fertilizer                                                                                           | At time of planting, then wait until fruit is set; then every 4-6 weeks.                                      |
|                          | Need well-drained soil; sensitive to cold – transplant seedlings only after weather is warm and dry. |                                                                                                               |
| Common Problems and Tips | Buds or fruits turn yellow, may drop; fruit has holes, misshapen                                     | Pepper weevil; destroy plants after harvest; rotate crops.                                                    |
|                          | Deformed curled leaves, stunted growth; visible small insects on leaves                              | Aphids; use water spray or soapy spray to remove. Control ants.                                               |
|                          | Normal colored but small fruit; flattened                                                            | Inadequate pollination; full sun, tap flowers to aid.                                                         |
|                          | Large water-soaked spot at blossom end, turns black and moldy                                        | Blossom-end rot, due to uneven watering. Keep moisture consistent; mulch.                                     |
|                          | Small holes in leaves. Leaves roll down - no stunting or yellowing                                   | Flea beetle; tolerate. Not a disease; ignore.                                                                 |

**More information:** [vric.ucdavis.edu/veg\\_info\\_crop/eggplant.htm](http://vric.ucdavis.edu/veg_info_crop/eggplant.htm)  
[www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/eggplant.html](http://www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/eggplant.html)

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<http://mgorange.ucanr.edu>    [http://mgorange.ucanr.edu/Gardening\\_Hotline/](http://mgorange.ucanr.edu/Gardening_Hotline/)

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