



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. 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

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
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

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
www.ipm.ucdavis.edu/PMG/GARDEN/VEGES/eggplant.html

UCCE Orange County Master Gardeners

<http://mgorange.ucanr.edu>

http://mgorange.ucanr.edu/Gardening_Hotline/

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