

Second Season Gardening

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	July	August	September	October	November
Transplants	start	transplant			
Direct Sown					
Harvest					



Second Season Gardening Talk - Master Gardeners

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	July	August	September	October	November
Transplants	start	transplant			
Direct Sown					
Harvest					



July 15th – Sept 15th = 9 weeks = 63days

Doña Ana County Extension - Trained Volunteers

Service Areas - General Public, Community Gardens, School Garden Programs

Services - Telephone Hotline (Tues/Fri - 9-1) - 525-6649
 Las Cruces Farmers Market Table - as scheduled
 Community and School Groups - as requested
 Agricultural Industry - as requested

Second Season Gardening Talk

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- Master Gardener** - Definition & Services
- Garden Seasons** - Overview & Temperature's Role
- What and When** - Varieties & Timing
- Tomatoes** - Optimum Timing, Spring & Second Season
- Broccoli** - Optimum Timing & Second Season Growing
- Lettuce** - Growing a Warm Season Crop
- Questions & Answers**

Gardening Seasons - Timing

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Gardening Seasons - Timing

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Main Season

Second Season

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Winter Season

Winter Season

Monsoon Season



Gardening Seasons - Temperatures

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Main Season

220 days

Second Season

120-180 days

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan

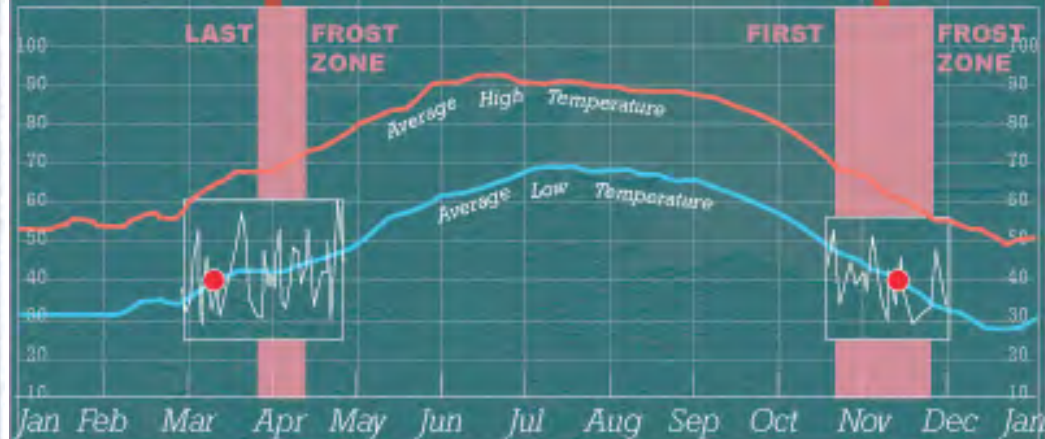
Winter Season

Winter Season

220 days

Monsoon Season

110 days



Gardening Seasons - Temperatures

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Main Season

220 days

Second Season

120-180 days

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan

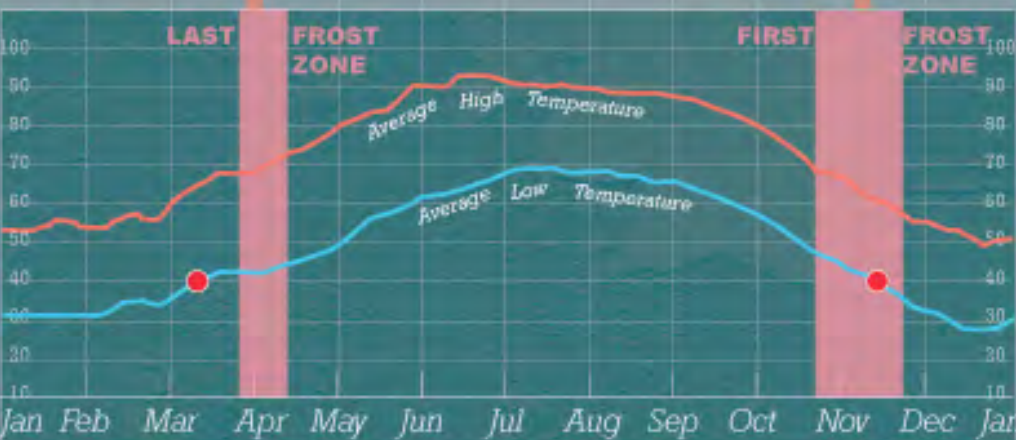
Winter Season

Winter Season

220 days

Monsoon Season

110 days

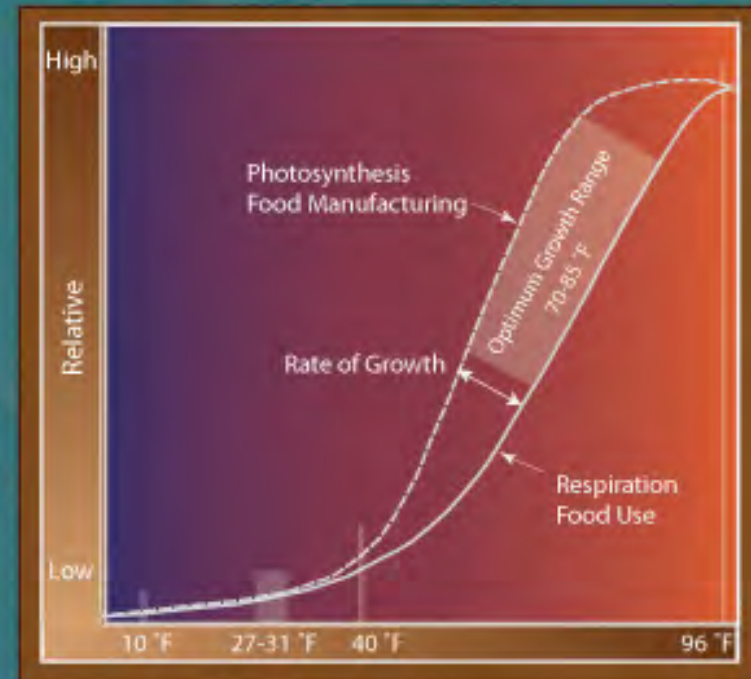


Second Season Gardening - Temperatures & Growth

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Plant growth is effected by temperatures and shuts down at temperatures below 40 °F and above 96 °F

Plants show little growth during winter nights with temperatures below 50 °F



Gardening Seasons - Tomatoes

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Second Season Tomatoes

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June	July	August	September	October	November
	start	transplant			



Tomato Calendar for Optimum Growth

Second Season Planting - (determinate varieties)

- June 15 - Start Seed Indoors - grow under lights
- July 15 - Transplant Outside
- Oct-Nov - Protect from frost as long as possible

Spring Planting

- March 1 - Start Seed Indoors - grow under lights
- April 1 - Pot Up - grow under lights and sunlight
- May 1-7 - Transplant Outside - cover with row covers (medium weight)
- July 1 - Remove Row Covers
- Aug 1 - (If not blooming well, cut back to basic structure, fertilize - Ratoon)
- Sept - last week - Remove Blossoms - stimulates fruit development
- Oct/Nov - before frost - harvest most mature fruits - store to ripen

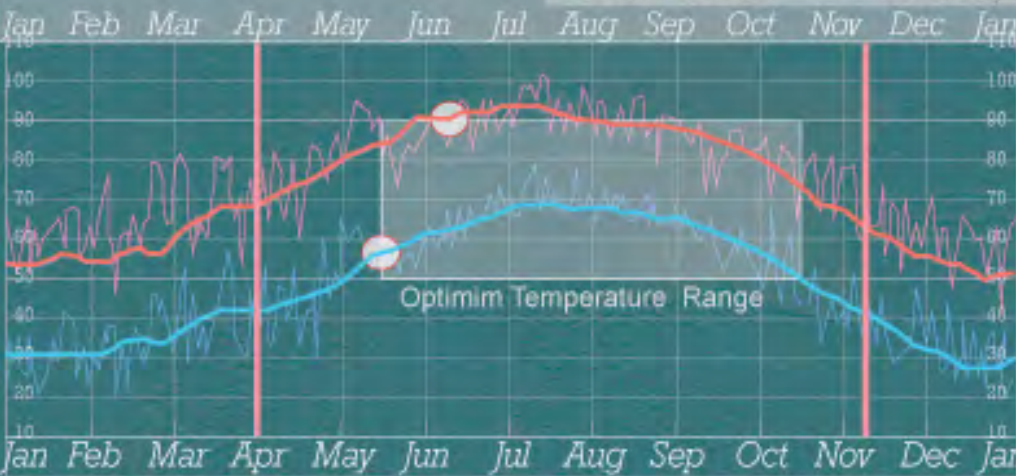
Gardening Seasons - Tomato Temperatures

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Optimum Growing Season for Tomatoes - Early May to Mid-October

Temperature Requirements - Spring -- Nights above - 55°F
 Summer - Days below - 90°F and Nights below - 76°F

Main Season 220 days
 Second Season 120-180 days



Gardening Seasons - Broccoli

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Gardening Seasons - Broccoli Temperatures

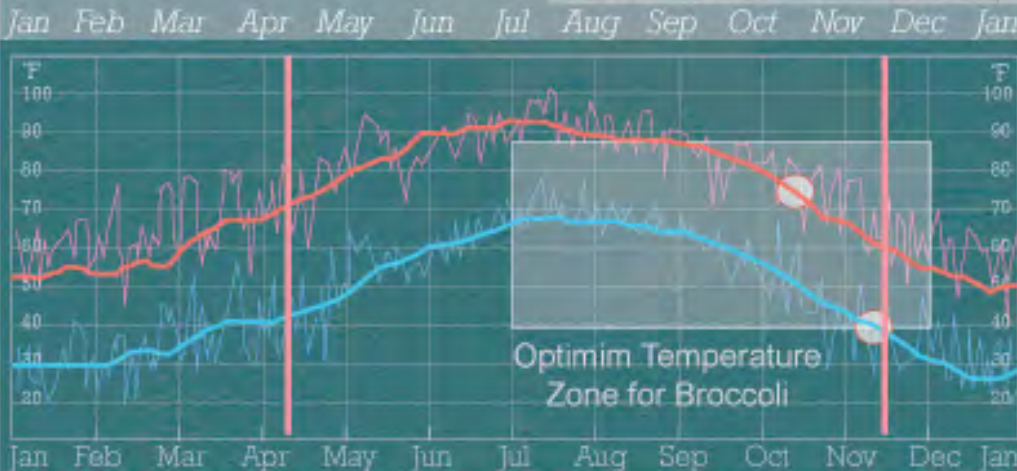
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Optimum Growing Season - Mid-June - through Dec.

Temperature Requirements - Nights above 42°F
Days below 75°F - at flower & harvest

Main Season 220 days

Second Season 120-180 days



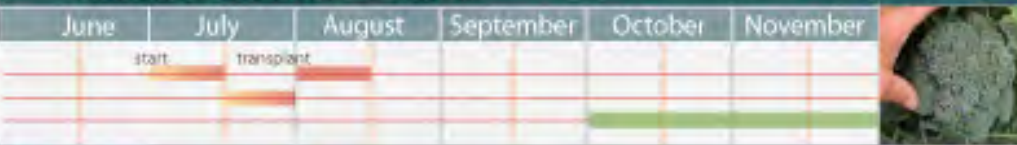
Gardening Seasons - Lettuce

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Second Season Broccoli

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Broccoli Calendar for Optimum Growth

Second Season Broccoli - (easy to be successful)

- June 15 - Start Seeds Indoors
- Aug 1 - 15 - Transplant Outside - cover with row covers (medium weight)

Spring Broccoli - (challenging - not always successful)

- Jan 15 - Start Seed Indoors - grow under lights
- Feb 15 - Pot Up - grow under lights and sunlight
- March 1-7 - Transplant Outside - cover with row covers (medium weight)
- April 15 - Remove Row Covers
- April (late) - May (early) - Harvest Spring Broccoli

Temperature Requirements:
Maximum Temp 75°F (harvest time) hotter and it will be bitter
Minimum Temperature 40°F - colder and plants will bolt

Gardening Seasons - Lettuce

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Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cool Season Lettuce				Summer Season Lettuce				Cool Season Lettuce			
Appropriate Varieties				Appropriate Varieties				Appropriate Varieties			

- | | |
|-----------------------------|-----------------------------|
| Red Sails - Loose Leaf | Nevada - Batavia |
| Matchless - Bibb | Red Sails - Loose Leaf |
| Red Butterworth - Looseleaf | Matchless - Bibb |
| Jericho - Romaine | Red Butterworth - Looseleaf |
| Buttercrunch - Batavia | Jericho - Romaine |
| Sweetred - Butterhead | Buttercrunch - Batavia |
| Torenia - Butterhead | Sweetred - Butterhead |
| | Torenia - Butterhead |

Seed source - www.cooksgarden.com



Gardening Seasons - Lettuce

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Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
 Summer Lettuce Season

Summer Lettuce Growing Schedule

April 1-15 - start lettuce indoors
 May 1-15 - transplant out lettuce
 Repeat every 2-3 weeks until Mid-Aug

Grow under lights for 3-4 weeks
 Restrict day length to 12-14 hours



Red Butterworth - 3 weeks

Germination Requirements:

Seed temperatures below 80 F
 Need light to germinate

Can be queued to germinate and then
 planted out in a warmer environment



Gardening Seasons - Lettuce

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Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
 Summer Lettuce Season

Lettuce Spacing

Transplant on 9"-12" centers
 Remove bottom 2 or 3 leaves

Fill transplant hole with water
 before filling in soil

Shade seedlings for 3-6 days
 or grow under a row cover



Second Season Gardening Talk

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Questions & Answers

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