

FLEMING'S GUIDE FOR SUCCESS WITH FRUITING TREES AND VINES

	CULTURAL				GENERAL GUIDELINES TO APPROXIMATE...						SUITABILITY				MAINTENANCE					COMMENTS	
	Cross-pollination	Climatic zone	Soil	Root system	Size Height & Width (metres)	★ Harvest period	Tree age first fruit	Tree age substantial production	Economic fruit production	•Autumn leaf colour	Espalier	Container growing	Available as multi-grafts	'Duos' and 'Trios'	Easy to grow	Pruning required	Fruit thinning required	Spraying or organic control required	Watering		'Complete' Fertilising
ALMONDS	Yes (except All-in-One™ is self-fertile).	Warm to cool temperate	Adapts wide pH range. Prefers well-drained.	Shallow	3 x 3	February to April	Year 3	Year 6	15 to 20 years	Yellowish-green	Simple design.	Dries out quickly.	No	Yes	Yes, if watered with care.	Essential at planting. there-after minimal.	No	Only if problems occur. Cooler areas Bordeaux during winter.	Regular deep soakings.	Yes	Do not allow soil to dry out. Good for fresh nuts, blanching and cooking.
APPLES	Yes (Jonathan & Golden Delicious are partially self-fertile).	A wide range. Best temperate to cool temperature.	Adapts wide pH range.	Shallow. May sucker lightly.	4 x 4	January to May	Year 3 ('Red Spur' year 2)	Year 5	25 to 30 years	Yellowish-green	Yes, Responds to intricate design.	Yes	Yes	Yes	Yes. Regular Cropping.	Yes, minimal	Yes if heavy crop (especially short stemmed cultivars).	Coding moth. Apple scab (except scab-resistant cultivars).	Regular deep soakings when dry.	Yes	Excellent for home garden. Reliable cropping, providing fresh fruit for drying, cooking, jellies, preserving and pies.
APRICOTS	No. The cultivars listed are self-fertile.	Prefer long dry springs.	Adapts wide pH range. Prefers slightly alkaline, well drained.	Shallow	4 x 5	Late November to late January.	Year 2	Year 6	30 to 35 years	Pale lemon and rustic tones.	Yes, a range of designs.	No	Yes	Yes	Yes, with attention to Bordeaux spray.	Minimal recommended to prune in autumn.	Yes, if crop heavy.	Bacterial diseases. Bordeaux during autumn/winter.	Deep soaking when dry.	Yes	Good for early fruit drying, jam, preserving, glacing as well as fresh fruit.
CHERRIES	Yes, (except 'Stella', 'Sunburst', 'Starkrimson' are self-fertile).	Temperate to cool temperate.	Wide range. Well-drained. Prefers slightly acid.	Medium	4 x 3	Late October to mid January.	Year 3	Year 6	30 years	Subdued orange and gold tones.	Simple design only eg. 'Belgium' fence or fan shape	Yes	Yes	Yes	Yes, birds can be a problem.	Minimal	No	Pear and Cherry slug.	Deep soakings when dry.	Only if not growing well.	Lovely for home garden. Excellent fruit for fresh eating, jam, glacing, crystallising & preserving.
NECTARINES	No (self-fertile)	Warm to cool temperate.	Wide range. Well-drained. Prefers slightly acid.	Shallow	3 x 3	December to March	Year 2	Year 4	15 years	Yellow. Yellow, reddish-green. Cultivars vary.	Yes, Angles no greater than 45°.	Yes	Yes	Yes	Yes with control of leaf curl.	Yes, important Fruits only on 1 year old laterals.	Yes, if heavy crop.	Leaf curl. Bordeaux during winter.	Deep soaking when dry	Yes	Excellent for fresh eating & good for drying, stewing & preserving. Pruning & applying sprays in winter is important.
PEACHES	No (self fertile)	Warm to cool temperate.	Wide range. Well-drained. Prefers slightly acid.	Shallow	3 x 3	December to March	Year 2	Year 4	15 years	Yellow. Yellow, reddish-green. Cultivars vary.	Yes, Angles no greater than 45°.	Yes	Yes	Yes	Yes with control of leaf curl.	Yes, important. Fruits only on 1 year old laterals.	Yes, if crop heavy.	Leaf curl. Bordeaux during winter.	Deep soaking when dry.	Yes	Good for fruit in home garden. Excellent for fresh eating, cooking, drying and preserving. Pruning & applying sprays in winter is important.
PEARS	Yes ('Williams' & 'Nijisseiki' partially self-fertile).	Temperate to cool temperate.	Wide range. Will tolerate heavy wet soil for short periods. Prefers well-drained.	Deep	6 x 4 (if left unpruned)	February and March	European year 3. Asian year 2.	European year 7. Asian year 4.	50 to 60 years	Cultivars vary. Mostly yellow, 'Beurre Bosc' bronze-red.	Yes. Responds to intricate design.	Yes, especially Asian pears.	Yes	Yes	Yes	Yes, minimal spur pruning is needed as tree ages.	Yes, especially Asian pears.	Pear and Cherry slug.	Deep soakings when dry.	Yes	Provides reliable crops of fruit, for cooking, fresh eating, drying, preserves.
PLUMS	Yes ('Santa Rosa' & 'd'Agen' are partially self-fertile. 'Damson' is self-fertile).	Warm to cool temperate.	Wide range. Well-drained. Prefers a fairly heavy loam.	Shallow	4 x 4	December to March	Japanese year 2. European year 3.	Japanese year 5. European varies.	40 years	Mostly yellow	Yes, most designs.	Yes	Yes	Yes	Yes, reliable.	Advisable minimal if desired.	Yes, when heavy crop.	Pear and Cherry slug.	Deep soakings when dry.	Yes	Produces lots of fruit. Excellent for jam, cooking, drying, preserving and eating fresh.
CHESTNUTS	Yes	Temperate to cool temperate.	Moist, well-drained. Prefers acid soil.	Deep	10 x 10	Late March to late April.	Grafted - 2 to 3 years. Seedlings - anytime from 2 to 4 years.	Year 7. Seedlings year 8.	30 to 40 years	Rustic golden and yellow tones.	No	Yes, possible but not recommended.	No	Possible, not recommended too big.	Yes, if well drained soil.	No	No	Soil drench for root rot if required.	Deep soakings when dry.	Yes	Large trees providing tasty nuts for roasting, cooking, puree and soups.
CHINESE GOOSEBERRIES	Yes. 1 male vine will pollinate up to 6 female vines.	Temperate. Very early or very late frosts a problem.	Moist, well drained.	Deep	Allow 3 metres of fence or trellis per vine.	May to June	Year 2 to 3	Year 4	15 years	Subdued tones of green, lemon & purple.	Yes, difficult. Casual design only.	Difficult	Possibly	Yes. 'Duo'. Train 1 cultivar to left, other to right.	Yes, pollination important.	Yes	No	Seldom required.	Deep soaking when dry.	Yes, light.	Cooking, wine making, food decoration. Requires space to spread over a strong fence or trellis.
CURRANTS	No	Temperate to cool temperate.	Moist, well-drained. Mulching desirable.	Shallow	2 x 1	December	Year 2	Year 4	15 years	Yellowish-green	Yes, Red & White currants suitable as fan shape or cordon.	Yes	No	Yes	Yes	Black Currant annually. Red & White currents minimal.	No	Powdery mildew.	When dry.	Black currant annually. Red & White currants if required.	Black Currants are high in 'Vitamin C'. Good for jelly preserves.
FIGS	No. Not required for the cultivars listed in this manual.	Warm temperate to temperate.	Wide range, not fertile. Well-drained. Lightly mulch.	Shallow. Suckering forms part of tree habit if not controlled.	4 x 4	Twice yearly. Early summer and late autumn.	Year 2	Year 7	40 years	Yellow	Yes, if root suckering is restricted.	Yes	No	Yes, but possibly difficult to manage.	Yes. Attractive to birds.	Minimal Rejuvenation pruning as tree ages.	No	Seldom required.	Keep moist.	Light only.	Popular for drying and jam.
GOOSEBERRIES	No	Temperate to cool temperate.	Moist, well drained. Mulching desirable.	Shallow	1 x 1	December	Year 2	Year 3	15 to 20 years	Yellowish-green	Yes, cordon or fan shape.	Yes	No	Not applicable.	Yes	Yes, to keep centre open for easier harvesting.	No	Powdery Mildew.	Keep moist.	Yes	Gooseberries have a tart/sweet flavour and are old time favourites for pies and jam.
GRAPES	No	Warm to cool temperate. Mostly frost free.	Moist, well drained. Mulching desirable.	Deep	Allow 3 metres of fence or trellis per vine.	January to April	Year 2	Year 4	20 years	Yellowish-green	Yes (fruiting habit of 'Sultana' makes it difficult to espalier).	Yes. Support must be provided.	No	Yes. 'Duo'. Train 1 cultivar left, 1 right.	Yes, training needed.	Yes, annually.	No	Powdery mildew. Mite may be a problem.	When dry.	Yes	Excellent for fresh fruit or making wine.
HAZELNUTS	Yes	Temperate to cool temperate.	Moist, well-drained. Tolerates poor soil. Light mulch (well-rotted fowl manure).	Shallow. Suckering forms part of the tree habit if not controlled.	3 x 3	February to March	Year 3 or 4	Year 6	15 years	Indifferent, yellowish-green before falling.	Difficult	No	No	Yes	Yes, pollination important.	Control suckers.	No	Powdery mildew.	Keep moist.	Light	Easy to grow and produces nuts for fresh eating or cooking.
MEDLARS	No	Warm temperate to temperate.	Moist, well drained.	Shallow	3 x 3	May	Year 3	Year 5	15 years	Brilliant Orange, red, green & yellow.	Yes, simple design.	Yes	No	Yes	Yes	No	No	Powdery mildew.	Keep moist.	Light	An astringent fruit unless fully ripe. Used for jelly preserves. Excellent autumn colour.
MULBERRIES	No	Warm to cool temperate.	Moist, well drained.	Medium	5 x 5	October to December	Year 2	Year 5	30 years	Yellow	Possible, but difficult.	Yes	No	Yes	Yes	Minimal, to encourage new growth.	No	Seldom	Deep soaking when dry.	Yes	Old favourites for pies, wine making, jams and eating fresh.
PERSIMMONS	No	Wide, range, sub-tropical to cool temperate.	Adapts to almost any soil. Must be well drained.	Deep, tap root.	3 x 3	May to June	Year 3	Year 4	25 years	Brilliant, Yellow, orange & red. Bright orange fruit remains on bare branches.	Yes, Simple design, as wood is brittle.	Yes	No	Yes	Yes, needs support (stake). May not make growth for some time. Keep moist.	Minimal, to encourage new growth.	No	Seldom	Deep soaking when dry.	Yes	Requires little maintenance. Used for drying, cooking and eating fresh. The orange fruit stays on the tree after the leaves have fallen. Excellent autumn colour.
QUINCES	No	Warm to cool temperate.	Adapts to a wide range.	Shallow	3 x 3	April	Year 3	Year 5	30 years	Yellow	Yes	Yes	No	Yes	Yes	Not critical. Encourage new growth.	No	Codling moth.	Deep soaking when dry.	Yes	Large fruit which is excellent for jelly conserve and stewing.
RASPBERRIES	No	Temperate to cool temperate. Shelter from wind important.	Moist, well drained. Mulching is desirable. Prefers slightly acid soils.	Medium with shallow fibrous roots. Suckering important to fruit production.	1 x 1	Summer bearing - December. Autumn bearing - March.	Year 1	Year 2	15 years	Yellowish-green	No, but suitable in a row along fenceline.	Yes	No	Yes	Yes	Yes, cut back old canes annually.	No	Powdery mildew. Thrips problem at flowering time.	Keep moist.	Light	Excellent fruit for jam, cooking, freezing and fresh eating.
WALNUTS	Partially self-fertile.	Temperate to cool temperate.	Moist, well drained.	Deep, tap root.	10 x 10	April to May	Grafted- 2 to 3 years. Seedlings - anytime from 2 to 12 years.	Year 7	50 years	Yellowish-green	No	No	No	Possible, not recommended. Too big.	Yes	No	No	Bordeaux during winter. Coding moth.	Deep soaking when dry.	Yes	Large trees. The nuts are popular for fresh eating and cooking.

Note ★ Depends upon cultivar selection and the area grown. • Autumn colour is indicative only as a guide, not as a recommendation, unless stated otherwise.

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