

Germination Notes

Media for sowing – a typical good mix or equivalent

- 1 part Coarse Sand
- 1 part Fine Loam
- 1 part Perlite
- 1 part Sphagnum Peat

Light – Exposure to light is rarely necessary for germination. The few subjects requiring light are marked "L".

Temperature – Most species respond favorably to daily alternation of temperature rather than a constant temperature. Fluctuation between 60° and 80°F. Daily is ideal. Daylight bottom heat of 70°-72°F. is helpful for many seeds.

Note: Foliage and Exotic seed should be planted immediately. Orders are filled from fresh seed only, as it becomes available. No lesser quantities than specified on order form.

These are trees, shrubs, vines and herbs – most are tropicals that produce a seed crop once a year as with our native Flora. Many seeds are of such short viability or erratic supply we do not stock them but ship when ripe. Please be patient if you must wait for delivery. A line of cultural information appears under most items.

Example of culture information codes:

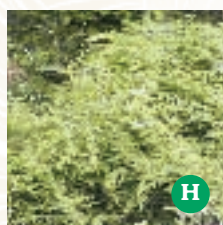
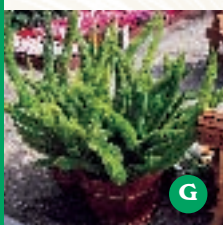
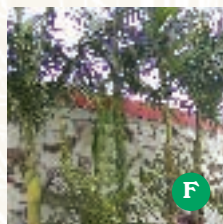
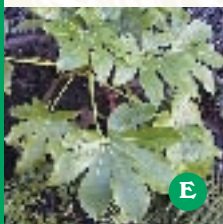
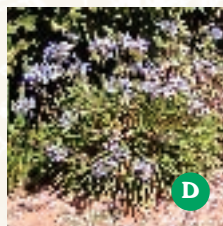
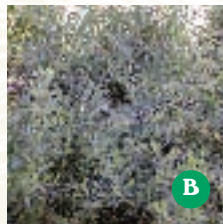
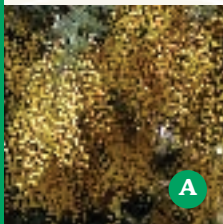
(A, 40 days)

A = Cover seed with soil very lightly

40 days = Days to germinate

Letter Key for culture information codes:

- A.** Cover seed with soil very lightly.
- B.** Cover seed with soil to depth of 1 to 2 times diameter of seed.
- C.** Sow on surface. Do not cover.
- D.** Soak seed overnight in water. Screen dry to avoid clumping.
- F.** Germination fine under mist.
- G.** Seed of very short viability. Positively must be sown at once.
- H.** Hot water treatment of seed. Pour water of 160°-165°F over seed, let cool and soak 24-36 hours before sowing.
- J.** Cold Treatment – Place seed in airtight mason jar or medicine vial and refrigerate in regular vegetable compartment 30 days.
- K.** Sulphuric Acid – Soak seed in concentrated sulphuric acid for 5 minutes, wash and water thoroughly and sow at once.
- L.** Light indicated for best germination.
- O.** Seed not stocked. Shipped only upon crop during month or months indicated.
- R.** Erratic seed supply. May be 3-4 months wait.
- S.** Germination best in dark.
- T.** Maintain steady temperature as indicated.



Acacia baileyana

(Mimosa). A,D,H, 45 days. Finely cut, blue gray foliage. Hardest and most commonly planted. Seed available all year. **A**

Acacia redolens

A,D,H, 45 days. Narrow, gray green, leathery foliage. Flowers are puffy yellow balls. Ground covers which endures poor soil, drought and heat. Seed available all year. **B**

Agapanthus Getty White

A,D, 60 days. 32 in. flower with a larger than normal amount of white florets. Seed available all year. **C**

Agapanthus Peter Pan

(Lily of the Nile). A,D, 60 days. Seed available May-Sept. **D**

Aralia Elegantissima

(Schefflera, False Aralia). C,D,L,F, 90-120 days. Seed available Jan.-May.

Aralia Sieboldii

(Fastia japonica, Maple Leaf Aralia). A,D,S, 15 days.– very good keeper. Seed available all year. **E**

Araucaria Excelsa

(Norfolk Island Pine). B,D,G,O, 12-60 days. Good for terrariums or as a specimen tree. Seed available August.

Archontophoenix cunninghamiana

(King Palm). B,D, 90-120 days. Trunk is not enlarged at base. Clustered amethyst flowers. Seed available July-Sept. **F**

Ardisia crenulata

(Marlberry). A,D,O,R, 28 days. Excellent terrarium or small dish plant. Height: 1 1/2-4 ft. Seed available Feb.-April.

Arecastrum romanzoffianum

(Queen Palm). B,D, 30 days. Exceptionally straight trunk. Arching, glossy bright green, 10-15 ft. long leaves. Seed available Oct.-Jan.

Asparagus asparagoides. See Smilax

Asparagus falcatus

(Sickle-Thorn Asparagus). B,D,S, 30 days. Foliage 2-3 in. long, in clusters of three to five at ends of branches. Seed available February.

Asparagus densiflorus Meyerii

B,D,S,R, 30 days. Stiff plume-like branches. Fox Tail. Seed available Nov.-March. **G**

Asparagus officinalis pseudoscaber

(Lace Veil). B,D,S, 30 days. The best variety for use as cut flower filler. Seed available all year.

Asparagus plumosus Nanus

B,D,S, 30 days. Used extensively as a green filler for cut-flower. Seed available Jan.-March. **H**



Asparagus plumosus pyramidalis

B,D,S, 30 days. Plumed asparagus for cut and pots. Seed available all year. **A**

Asparagus retrofractus

(Myriocladus, Ming Fern). B,D,S, 35 days. Airy tufts on long fronds. Seed available Jan.-March. **B**

Asparagus densiflorus Sprengerii

B,D,S, 30 days. Good hanging basket plant. 70°-80°F. to germinate, but 60°F. to grow. Seed available all year. **C**

Asparagus sprengerii Compacta

B,D,S, 30 days. A short busy asparagus. Seed available all year.

Asparagus virgatus

(Tree Fern). B,D,S,R, 20-30 days. Desirable for decorative work due to attractive erect habit. Seed available all year. **D**

Beaucarnea gautemalensis

(Elephant Foot Beaucarnea). A, 60 days. Available all year. **E**

Beaucarnea recurvata

(Nolina, Ponytail). A, 60 days. Very tough. Seed available Aug.-Oct. **F**

Brahea armata

(Mexican Blue Palm). B,D,O, 240 days. Silvery blue, almost white foliage. Conspicuous creamy flowers. Takes heat and wind. Seed available Aug.-Oct. **G**

Brahea edulis

(Guadalupe Palm). B,D,O, 240 days. Light green foliage. Seed available Aug.-Jan.

Butia capitata

(Pindo Palm). B,D,O, 240 days. Crown of feathery gray green arching leaves spreading 10-15 ft. wide. Height: 10-20 ft. Seed available Sept.-Dec. **H**

Chamaedorea cataractarum

(Cascade/Cat Palm). A,D, 15-70 days. Forms dense clump to 6 ft. tall. Fine in tubs, indoors or out. Seed available Oct.-Jan.

Chamaedorea elegans. See Menthe Bella

Chamaedorea Metallica

B,D,O, 120 days. Fish tail type single trunk. Chamaedorea foliage with distinctive metallic cast. Will tolerate extremely low light. Grows to over 3 ft. Seed available Nov.-Jan.

Chamaedorea microspadix

(Bamboo Palm). B,D,O, 120 days. The most cold hardy with distinctive broad leaflets. Seed available Jan.-March. **I**

Chamaedorea seifritzii

(Bamboo Palm). A,D, 45 days. Graceful, feathery fronds. Forms clumps to 8-10 ft. tall. Seed available Nov.-Feb. **J**

Chamaerops humilis

(Mediterranean Fan Palm). B,D, 90 days. Green to bluish green foliage on spiny leaf-stalks. Seed available Nov.-March. **K**

Cissus antarctica

(Kangaroo Treebine). A,D,L, 30 days. Graceful, densely foliated vine to 10 ft., vigorous once established. Glossy, spear-shaped leaves reach 3 1/2 in. long. Seed available all year.

Cissus rhombifolia

(Grape Ivy). A,D, 90 days. Dark green leaves divided into diamond-shaped, toothed 1-4 in. leaflets. Seed available March-Aug.

Coffea catura

(Dwarf Coffee). B,D,O,S,T 80°F. 50 days. Seed available all year. **L**

Cordyline atropurpurea

A, 35 days. Bronze/red spike. Seed available all year.

Cordyline indivisa Spike

A, 35 days. Green Spike. Seed available all year.

Cycas revoluta

(Sago Palm). A,D, 60 days. At 2-3 ft. tall, has an airy, fernlike appearance. Tough, tolerant house or patio plant. Good for bonsai. Seed available March-Aug.

Dioon spinulosum

(Cycads). B,D, 120 days. Leaves to 5 ft. long, with up to 100 narrow, spine-toothed, dark green, 6-8 in. long leaflets. Seed available July-Dec. **M**

Dodonea viscosa purpurea

(Purple Hop Bush). A,D, 60 days. Strongly bronzed-tinted willowlike foliage that darkens in winter. Seed available Aug.-Sept. **N**

Dracaena indivisa Spike. See Cordyline

Dracaena draco

(Dragon Tree). B, 90 days. Stout trunk with spreading branches topped by heavy, 2 ft. sword-shaped leaves. Greenish white flowers form at branch ends. Seed available all year. **O**

Dypsis lutescens

(Cane Palm). B,D, 60 days. Clumping palm with slender yellowish trunks, yellow-green foliage, and clusters of golden yellow fruit. Seed available Aug.-Sept.



Eucalyptus Baby

C, 45 days. Dwarf blue. Good for cut. Seed available March. **A**

Eucalyptus cinerea

(Argyle Gum/Silver Dollar). C, 45 days. For cut foliage, not pots. Seed available all year. **B**

Eucalyptus citriodora Lemon Bush NEW

Strong lemon fragrance. Repels insects. For containers. Seed available all year. **C**

Eucalyptus gunni

(Cider Gum). C, 45 days. A cut foliage gum. Seed available all year. **D**

Eucalyptus Kira's Supreme

C, 45 days. Small round closely spaced leaves. Ideal for fresh cut or dried. Excellent vase life. Cleaned seed. Seed available all year.

Eucalyptus Nicholii

(Nichol's Willow/Leafed Peppermint). C, 45 days. Graceful, weeping tree. Narrow, 3-5 in. long, light green leaves. Furrowed, reddish brown bark. Seed available all year.

Eucalyptus pulverulenta

(Money Tree/Silver Mountain Gum). C, 45 days. The popular cut Eucalyptus. Seed available all year. **E**

Fatsia Japonica. See *Aralia Sieboldii*

Ginkgo biloba

(Maidenhair Tree). B,D,J, 60 days. 1-4 in. wide, fan shaped leaves, resemble maidenhair fern. Seed available Sept.-Jan. **F**

Grevillea robusta

(Silk Oak). B,D,S,T 68°F, 30 days. Seed available all year.

Harpephyllum caffrum

B,D, 60 days. Tough foliage plant. Nice glossy dark green broadly pinnate foliage. Seed available June-Nov.

Howea Forsterana

(Kentia Palm, Paradise Palm). B,D, 240 days. Leaves to 9 ft. long, leaflets are long and drooping. Seed available all year. **G**

Jacaranda mimosifolia

(J. acutifolia). A,D, 20 days. Finely cut, ferny leaves. 2 in. lavender blue, tubular, flowers are carried in profuse 8 in. clusters. Flat, roundish seed capsules, quite decorative in arrangements. Seed available May-June. **H**

Leea coccinea

(Hawaiian Holly). A,D, 30 days. Green tropical shrub with lacy foliage. Seed available all year.

Leea coccinea Rubra

(Red Hawaiian Holly). A,D, 30 days. Distinctive red coloration. Seed available January.

Licula spinosa

B,D, 60 days. Clumping, durable palm with fan-like appearance. Slow growing. Seed available all year.

Livistona chinensis

(Chinese Fountain Palm). B,D, 20 days. Round, bright green, 3-6 ft. leaves droop at outer edges. Seed available Dec.-March. **I**

Mimosa pudica.

(Sensitive Plant). B,D,H, 10 days. Leaves collapse upon being touched. Seed available all year. **J**

Monstera deliciosa

(Split-leaf Philodendron). B,D, 14 days. Young foliage is uncut. Mature leaves are heavy, leathery, dark green, deeply cut and perforated. Seed available Sept.-July. **K**

Murraya exotica

A,D, 20 days. Jasmine fragrant white flowers. Graceful, pendulous branches with glossy light green leaves with small stiff leaflets. Height: 6 ft. Seed available Feb.-June.

Nandina domestica

(Heavenly/Sacred Bamboo). A,D,J, 120 days. Lightly branched, cane like stems and lacy foliage. Seed available Jan.-May. **L**

Neanthe Bella

(Parlor Palm). A,D,R, 40-180 days. Fast growing foliage plant. Seed available Oct.-March.

Nolina. See *Beaucarnea Recurvata*

Pachypodium lamerii

(Madagascar Palm). A,D, 10 days. Seed available June. **M**

Philodendron bipinnatifidum

C,D, 25 days. Deeply cut leaves to 3 ft. long on equally long stalks. Self heading. Seed available all year. **N**

Philodendron cannifolium

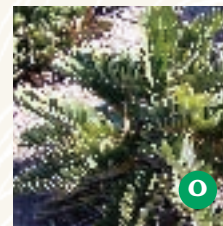
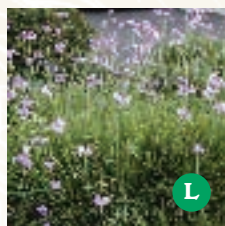
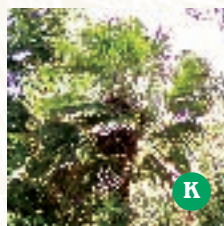
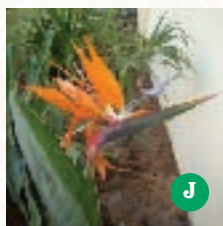
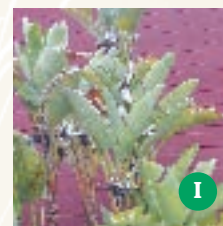
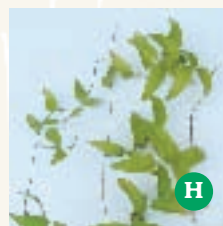
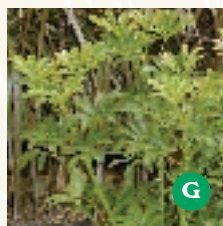
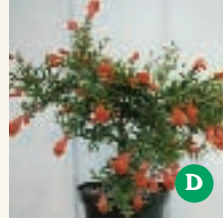
C,D, 30 days. Long, bird's nest type philodendron. Seed available Oct.-Dec. **O**

Philodendron hastatum Imp

C,D, 30 days. Large leaf philodendron. Seed available all year.

Philodendron selloum

(Tree Philodendron). C,D, 25 days. The most popular of the heading types. Seed available all year.



Philodendron Tuxla

C,D, 25 days. F1 hybrid. Quick and very disease resistant. Tolerates extremely low light. Seed available all year.

Phoenix canariensis

(Canary Island Date Palm). B,D, 30 days. Big heavy trunked plant to 80 ft. with many bright to deep green, arching fronds that form a crown to 50 ft. wide. Seed available May-Oct.

Phoenix dactylifera

(Date Palm). B,D, 30 days. Classic palm of desert oases. Dates are not edible. Seed available April-Aug.

Phoenix roebelenii

(Pygmy Date Palm). B,D, 60 days. Single trunked palm to 6-10 ft. high. Fine textured, curving leaves form a dense crown 6-8 ft. across. Seed available June-Dec. **A**

Pittosporum tobira

(Mock Orange). A,D,J, 30 days. Tough evergreen shrub. Leathery, narrowly elliptical, shiny dark green 5 in. leaves. In early spring, creamy white flowers with fragrance of orange blossoms are borne at branch tips. Seed available March. **B**

Podocarpus gracilor

(African Pine). B,D, 150 days. Upright plants when grown from seed. When young, they have branches set sparsely with glossy dark green leaves 2-4 in. long, 1/2 in. wide. Seed available Jan.-May.

Podocarpus henkelii

(Long leafed Yellowwood). B,D, 90 days. Masses of drooping shiny green leaves, pointed at both ends. Young plants have leaves 5-7 in. long 1/3 in wide. Seed available Nov.-Feb. **C**

Podocarpus macrophylla

(Yew Pine). B,D, 60 days. Narrow and upright 15-50 ft. tall, 6-15 ft. wide. Bright green leaves 4 in. long, 1/2 in. wide. Does well in tubs. Seed available Nov.-May.

Punica granatum nana

(Dwarf Pomegranate). A,D, 30 days. Dense grower to 3 ft. high, 6 ft. wide. Blooms when a foot tall or less. Orange red single flowers followed by small, dry red fruit. Seed available Oct.-March. **D**

Radermachera sinica

(China Doll). C,D, 30 days. A maze of small glistening leaves. Seed available Sept.-Dec. **E**

Ravenea rivularis

(Majesty Palm). A,D,G, 30 days. A dramatic specimen with large trunk. Foliage like a Coconut with a dramatic white trunk. Seed available Nov.-Dec. **F**

Schefflera actinophylla

(Queensland Umbrella Plant). A,D,G,T 68°F. 40 days. Long-stalked, glossy bright green leaves are divided into 1 ft. long leaflets that radiate outward like ribs of an umbrella. Seed available all year.

Schefflera arboricola

(Dwarf Umbrella Plant). A,D,G, 40 days. Dark green leaves with 3 in. leaflets that broaden toward rounded tips. Yellowish flowers are clustered in flattened, foot wide spheres. They turn bronze with age. Seed available all year. **G**

Schefflera Pittmans Pride

A,D,G, 40 days. Dwarf compact form of Schefflera arboricola, makes growing quality 4 in. pot plants easy, due to nice compact habit. Seed available all year.

Smilax Asparagus asparagoides

A,D,G,J, 40 days. Handsome shine foliage. A popular climber. Seed available all year. **H**

Strelitzia nicolai Giant

(Giant Bird of Paradise). B,D, 75 days. Grown mainly for its dramatic gray-green foliage. Seed available Sept.-March. **I**

Strelitzia reginae

(Bird of Paradise). B,D, 50 days. Grown for spectacular flowers, which resemble the heads of crested tropical birds. Seed available all year. **J**

Trachycarpus fortunei

(Chinese Windmill Palm). B,D, 60 days. Cold tolerant ornamental palm. Seed available Feb.-May. **K**

Tulbaghia violacea

(Society Garlic). A,D, 30 days. Leaves and flower stems have garlic odor. Seed available all year. **L**

Tupidanthus calyptratus

A,D,G, 40 days. Heavy branching large shiny green leaf. Superior plant. Seed available all year. **M**

Washingtonia filifera

(California Fan Palm). B,D, 20 days. Long-stalked, 3-6 ft., light green leaves. Seed available Dec.-Aug.

Washingtonia robusta

(Mexican Fan Palm). B,D, 20 days. Trunk is slightly curved. Seed available all year. **N**

Zamia floridania

(Coontie). B,D, 90 days. Short trunk is largely below soil level. Fronds to 3 ft. long with as many as 30 pairs of dark green leaflets to 5 in. long 1 1/4 wide. Seed available Jan.-June.

Zamia fufuracea

(Cardboard Palm). B,D, 90 days. Seed available April-Aug. **O**