

KGC Seed Library

Directions for Growing

Arugula

Sow in June and again in August to September 1/4" deep, 6" apart in full sun, and keep evenly moist. Germination 7-14 days, 35 days to harvest.

Beach Plum

Soak seeds in water overnight, chill in moist sand or peat moss in refrigerator at least 3-4 months, plant 1" deep, pointed end down, in full sun in well-drained soil in early fall, water in well, remove flowers the first year of growth. 2-3 years to harvest.

Beans

Soak overnight and plant about 1" deep, shallower for smaller beans, deeper for larger beans, 3" apart in full sun in mid-May, in slightly acid to neutral soil, amended with compost or well rotted manure, in rows 2' apart, along pre-placed supports for pole beans. Succession plant bush beans every 2 weeks until August. Supply 1" of water per week if rain is insufficient. Germination, 8-10 days, 50-85 days to harvest.

Beets

Plant in spring in loose soil in full sun 1/2" deep, 3" apart, and keep evenly moist. Germination 14-21 days, 60 days to harvest.

Broccoli

Sow 1/16-1/4" deep in full sun in early spring 12" apart, feed with low nitrogen fertilizer, mulch to keep soil cool and moist, but be sure to avoid excess watering. Germination 10-17 days, 57 days to harvest.

Brussels Sprouts

Start indoors about 8 weeks before planting out in warm, well lighted area and harden off one week before planting out or sow in late spring 1/4" deep, 18" apart in full sun. Keep moist. Germination 10-21 days, 85-110 days to harvest.

Cabbage

Sow in early spring and again in mid-summer for fall crop 1/4-1/2" deep, 12" apart in full sun. Fertilize every 4 weeks. Frost tolerant. Germination 10-21 days, 65 days to harvest.

Carrots

Sow in deep, loose soil 1/2" deep, 3" apart in rows 12" apart, in full sun in late April, and keep evenly moist. Germination 7-21 days, 75-80 days to harvest.

Cauliflower

Start seeds indoors in sterile seed starting mix without fertilizer 1/4-1/2" deep, tie outer leaves over heads when 2" apart, harden off and transplant 12" apart in late summer to early fall to avoid summer heat, fertilize and planting out and every 4 weeks. Germination 7-14 days, 70 days to harvest.

Chard

Sow 1/2" deep, 6" apart in full sun in early spring, and keep evenly moist. Germination 7-14 days, 30-60 days to harvest. Tolerates light frost. Harvest by cutting stems at soil level.

Collards

Sow 1/4-1/2" deep, 2' apart in rows 3' apart in April, succession plant every 2-3 weeks until July in full sun. Germination 8-21 days, 65-75 days to harvest. Light frost improves flavor.

Corn

Sow mid-May 3/4-1" deep in full sun 8" apart in blocks of 4 rows. Germination 7-14 dys, 65-75 days to harvest.

Cowpeas

Sow 1" deep, 3" apart after soil warms, keep soil moist, pick when pods are purple-green and peas are cream colored with pink or purple eyes. Germination 7-10 days, 85 days to harvest.

Cucumber

Sow 1" deep, 18" apart in full sun in fertile soil in May, keep evenly moist through fruiting, keep harvested and pinch off remaining flowers in mid-September. Germination 7-14 days, 50-70 days to harvest.

Flowers and Foliage Plants

Aster (annual)

Sow after danger of heavy frost in full sun 1/4" deep, 9" apart, and keep evenly moist. Germination 14-21 days, 80-90 days to bloom.

Bachelor Button

Sow 1/4" deep, 6-8" apart in full sun to partial shade after danger of frost has passed (mid-May). For cut flowers, cut in early morning or evening when temperatures are coolest. Germination 10-14 days.

Black Eyed Susan Vine (tender perennial)

Sow outdoors 12" in sunny location covered with soil about 4 times their thickness 12" apart, and keep moist. Germination 10-21 days, blooms midsummer.

Delphinium (perennial)

Sow indoors beginning in April or outdoors from May any time up to first fall frost 1/8" deep, keep evenly moist, and harden off in sheltered area for 1 week before transplanting 18" apart. Germination 21-28 days, 180 days to bloom; usually blooms second year.

Ornamental Kale

Sow in April or May 1/4-1/2" deep, 12" apart in rows 18" apart in full sun in moist, well-drained soil, and mulch to keep soil cool. Germination, 8-14 days.

Marigold (annual)

Sow in full sun 1/4" deep, 9" apart after danger of frost has passed, and keep evenly moist. Germination 7-14 days, 65-70 days to bloom.

Mexican Sunflower (annual)

Sow in early June 1" deep, 18" apart in full sun, and keep evenly moist. Germination 7-14 days, 70-80 days to bloom.

Poppy (annual)

Place seed over prepared soil 8" apart in full sun to light shade in April or May, and tamp down lightly. Germination 7-14 days, 60-90 days to bloom.

Rudbeckia (perennial)

Sow in shallow container indoors in bright but not direct sunlight at 70-80 degrees, do not cover, keep evenly moist through bottom watering, harden off seedlings several days before planting out 12" apart. Germination 7-21 days.

Sunflower (annual)

Sow May to June 1" deep, 12" apart in full sun, and keep evenly moist. Germination 7-14 days, 100 days to harvest.

Sweet Pea (annual)

Sow in early June 2" deep, 6" apart in full sun, and keep evenly moist. Do not confuse with garden peas, as all parts of the plant are poisonous. Germination 10-21 days, 60-90 days to bloom.

Zinnia (annual)

Sow indoors 1/4" deep in early to mid April, transplant 10" apart in full sun in May, keep moist, water well during dry spells. Germination 5-10 days.

Herbs

Basil

Sow 1/4" deep, 12" apart in full sun in mid-May, keep evenly moist, and harvest before bloom. Germination 7-14 days, 60-90 days to harvest. Harvest when buds begin to form up before frost. Pot up before frost to overwinter.

Chives

Sow 1/4" deep, 6" apart in full sun in May or start indoors 6-8 weeks earlier. Germination 15-21 days, 60 days to harvest.

Garlic Chives

Sow 1/8" deep, 9" apart in rows 12" apart in full to part sun in April. Germination 10-21 days, 45 days to harvest.

Cilantro

Sow 1/4" deep, 6" apart in full sun after danger of frost is past and again in July for fall crop. Keep moist. Germination 7-10 days, 70 days to harvest.

Dill

Sow 1/4" deep, 8" apart in rows 2' apart in full sun in May or indoors 6-8 weeks before setting out. Germination 10-21 days, 65-70 days to harvest seeds. Cut entire plant while flower heads are still green, and dry upside down in paper bag.

Fennel (perennial)

Soak seeds overnight, sow 1/4" deep, 4-6" apart in full sun in well-drained soil in mid-May or mid-summer. Harvest seed by cutting umbels as soon as they turn brown in fall and drying on tray or screen. Germination 7-14 days.

Lavender (perennial)

Press into soil 6" apart in rows 15" apart in May or start indoors 6-8 weeks before setting out, and keep moist. Germination 14-28 days, 90-200 days to harvest.

Parsley (biennial)

Sow 1/4" deep, 6" apart in full sun in May. Germination 14-21 days, 60-80 days to harvest.

Rosemary (biennial)

Press seeds into seed-starting medium barely covering in early spring, keep at 65 to 70 degrees, keep moist but not soaked. Transplant to full sun 8-10" apart in mid-May. Dig up in all and grow indoors or in cold frame or greenhouse to overwinter. Germination 14-21 days, 80 days to first harvest.

Sage (perennial)

Sow indoors 8-10 weeks before setting out 1/8" deep, keep moist, transplant to individual containers when there are at least 2 pairs of leaves, harden off 1 week before setting out 15" apart. Germination 14-21 days, 90-200 days to harvest.

Thyme (perennial)

Sow 1/4" deep, 12" apart in full sun in May to June, and keep evenly moist. Germination 14-21 days, 180-200 days to harvest.

Kale

Sow in April and again in August 1/4-1/2" deep, 12" apart in rows 18" apart in full sun, harvest side leaves at 6-8", harvest plant after first light frost. Germination, 8-12 days, 60 days to harvest. Cut side leaves as needed when 6-8" long. First light frost enhances flavor.

Lettuce

Sow 1/4" deep, 6" apart in rows 15" apart in late April and again in late July for fall crop. Keep moderately moist. Germination 7-10 days, 40-60 days to harvest.

Melons

Cantaloupe and other melons: Sow 1/2" deep, 4' apart in rows 4' apart in full sun in May, fertilize with balanced fertilizer, and harvest when there is distinct aroma and fruit slips off easily. Germination 7 days, 70-90 days to harvest.

Honeydew: Sow 1" deep, 18" apart in full sun in warm soil in May, and keep evenly moist. Germination 7-14 days, 75-115 days to harvest.

Mustard Greens

Sow 1/2" deep, 12" apart in rows 24" apart in full sun in April and again in late August for fall crop. Germination 10-21 days, 45-55 days to harvest. Pick outer leaves for regular use until entire plant is harvested.

Okra

Sow 3/4" deep, 12" apart in rows 36" apart in full sun in May, harvest pods when 2-3" long. Germination 12-14 days, 58 days to harvest.

Parsnip

Sow 1/2" deep, 3-4" apart in rows 18" apart in full sun in loose, well drained soil in early May, keep moist until germinated, keep well weeded, provide 1" of water per week if rain is insufficient, hill soil around exposed tops to prevent greening, harvesting after frost results in sweeter roots. Germination 2-3 weeks, 16 weeks to harvest.

Garden Peas

Sow 1" deep, 2" apart in rows 1' apart in full sun in late April and again in late August for fall crop, be careful not to wet foliage when watering. Germination 7-12 days, 55-65 days to harvest.

Peppers

Sow 1/4" deep, 18" apart in rows 2' apart in full sun in warm soil in May, keep evenly moist. Germination 10-21 days, 65-100 days to harvest.

Pumpkin

Sow mid-May 1" deep, 24" apart in full sun, and fertilize every 3 weeks. Not frost tolerant. Germination 7-14 days, 120 days to harvest.

Radishes

Sow 1/2" deep, 1" apart in rows 10" apart in full sun in April and again in August, succession plant every 2-3 weeks through June. Germination 4-6 days, 24 days to harvest.

Scallions

Sow 1/4" deep, 1" apart in rows 1' apart in full sun in light textured soil in May, and keep weeded. Germination 12-14 days, 60-110 days to harvest.

Spinach

Sow 1/2" deep, 6" apart in full sun in April and again in August for a fall crop, and keep evenly moist. Germination, 7-14 days, 22-55 days to harvest.

Summer Squash

Plant 1" deep in full sun in May, 12" apart in rows 4' apart. Germination 7-14 days, 50 days to harvest.

Winter Squash

Plant 1" deep in full sun from April to June 1-2' apart in rows 6-8' apart. Harvest when skin is hard and leave 3" stem. Germination 7-14 days, 75-85 days to harvest.

Tomatoes

Sow 1/8-1/4" deep, 24" apart in rows 3' apart in full sun in early June, and provide 1" of water per week if rain is inadequate. Germination 7-14 days, 50-75 days to harvest.

Turnip

Plant in early June or late summer 1/2" deep, 2-4" apart in rows 12-18" apart in full sun and pick when roots are 2-3" across. Germination 5-10 days, 50-60 days to harvest.

Watermelon

Sow in early June 1/2" deep, 3' apart in rows 6' apart in rich soil in full sun, and keep consistently watered. Germination 6-8 days, 68-86 days to harvest.