



# SEED LIBRARY

## FLOWERS

### ***Torch Sunflower-***

Instructions: Sow seeds outside after last frost 6" apart and ½" deep in full sun, with well-drained soil. Provide support for tall plants. Germinates in 10-14 days and takes about 60 days to bloom.

Information: Also known as Mexican Sunflower, it is a fiery orange that attracts butterflies all summer until frost. It has an extended bloom period. Branching plants grow 4-6' tall, heads are about 3" across.

### ***Whirlygig Zinnia-***

Instructions: Sow seeds outdoors 10" apart and 1/8" deep after last frost in full sun and well-drained soil. Germinates in 5-24 days. Thin to 10-12" apart. Water regularly, keeping leaves dry. Remove spent blossoms frequently to prolong blooming.

Information: These bicolor blossoms will last most of the summer. This vibrant mix is loved by butterflies, bees and other beneficial insects. They are easy to grow and perform well in borders and arrangements.

### ***Calendula Mix-***

Instructions: Sow seeds indoors ¼" deep. Transplant outdoors after last frost. Can also be directly sown outdoors after the last frost about 6-18" apart. Prefers sun/partial shade and light well-drained soil and will tolerate dry conditions. Germinates in 5-15 days and blooms in 6-8 weeks.

Information: The spectacular colors make it a great choice for borders and mass plantings. They are also great for container gardens. The blossoms are edible and taste tangy and sweet.

### ***Cosmos Sea Shells-***

Instructions: Sow seeds outdoors after the last frost ½" deep in poor soil. They can be planted in sun/partial shade. Germinates in 3-10 days. Thin to 18-36" apart. They do not need a lot of water. Remove spent blossoms regularly to prolong blooming. May require staking.

Information: Delivering eye-catching open-petalled flowers in shades of pink, red, and white on tall stems with ferny foliage. Very easy to grow from seed and can grow to 4-5' tall.

### ***Cleome Spider Flower Mix-***

Instructions: Sow seeds outdoors after last frost 1/8" deep in sun/partial shade. Germinates in 10-14 days and will need to be thinned to 18-24" apart. They are tolerant of dry conditions. Cut off flower heads before seeds open to avoid self-seeding. They may require staking.

Information: Airy blossoms in a mix of rose, pink purple and white. Thorny like a rose bush, easy to maintain, flowers are followed by 4-5" intriguing seedpods that resemble spider legs.



### ***Fuchsia Perfect Mix-***

Instructions: Sow seeds indoors just beneath surface soil 6-8 weeks before last frost. Germinates in 7-10 days. Transplant outdoors 24-36" apart after danger of frost has passed. Prefers average soil in sun/partial shade. Will need to be staked in windy areas.

Information: Very fragrant night blooming flowers that are showy waves of trumpet-shaped 3" flowers. A "perfect" mix of fuchsia, white, purple, salmon, lavender, rust and bronze. Can grow up to 5-6' tall and will reseed year after year.

### ***Butterfly Weed-***

Instructions: Sow seeds indoors just beneath surface of soil in pots 8-10 weeks before transferring. Germinates in 10-40 days, they benefit from cold stratification. Place pots in plastic bags and refrigerate 3 weeks. Remove from plastic bags and provide light 50-75 degrees F thereafter. Do not over water. Transplant outdoors 12-24" apart in sun/partial shade.

Information: Blooms from mid-summer to early fall in bright orange flowers. Attracts bees, hummingbirds, moths and butterflies and will grow to 2-3' tall. They do well in dry sandy soil and well drained areas.

### ***Sunflower Firecracker Dwarf-***

Instructions: Sow seeds directly in ground after last frost, 3-4 seeds together ½" deep in full sun. Germinates in 7-14 days. Thin to one plant when true leaves appear. Plant 8-12" apart. Space plants so that leaves do not touch. Crowding promotes taller growth and weaker stems. Grow at 70-80 degrees during the day and 50-60 degrees at night. Warmer temperatures cause stretching, cooler temperatures cause plants to be more dwarf.

Information: Compact plants produce a mass of bright 4-6" bicolored flowers that grow 36-46" tall. These make great container plants. Plants like well-drained soil of low to moderate fertility.

### ***Nasturtium Bloody Mary-***

Instructions: Sow directly ½ to 1" deep and thin to 3-5 plants in hanging baskets or 10" containers. Place in darkness since the seeds need darkness to germinate in 4-17 days. Place planters in sun/partial shade. They will grow 16-20" tall.

Information: Will flower in shades of dark red, coral red, cream, and unique bicolors. This mix contains both mounding and trailing types of plants. Trellising is useful for climbing/trailing varieties as they will need support.

### ***Zinnia Persian Carpet-***

Instructions: Sow into seedling containers 1/4" deep 4 weeks before planting out. Cover seeds. Germination will occur in 3-5 days in warmer area and 5-7 days in cooler areas. Transplant in full sun 9-12" apart. Try and prevent root bound and avoid disturbing roots. Doing so can cause double flowering varieties to produce single blooms for a period following stress. VERY SENSITIVE TO FROST.

Information: Vigorous healthy upright plants that are 2" blooms in bicolor red, orange, pale yellow, gold, chocolate and cream. Plant grows to 24-36" tall. Pinching of initial bud or bloom and subsequent deadheading is recommended to encourage strong branching and bloom production.



### ***Nigella Deft Blue-***

Instructions: Sow seeds just under soil, in full sun, as light is needed to germinate. For continuous flower/pod production sow 3-4 times every 2-3 weeks. Space 2-9" apart. Germinates in 10-14 days.

Information: Blue splashes on flower petals in varying shades of blue and gray and intricate deep purple centers. Grows to 24-36" in height.

### ***Marigold Durango Outback-***

Instructions: Sow into seedling containers 4-6 weeks before planting outside lightly covering seed. Transplant out after danger of frost. Germinates in 4-7 days. Transplant in full sun 8-12" apart. Deadhead regularly to increase blooms.

Information: Bloom size is 2-2 ½" Plant height is 1-12". Attracts beneficial insects such as hoverflies. Flowers are edible and used in salads and desserts. High temperatures can cause plants to stall and temporarily decline in growth.

## **HERBS**

### ***Basil Thai-***

Instructions: Sow seeds outdoors when soil is warm and temps are above 65 degrees. Sow in full sun 1/8" deep and thin to 4-6" apart. Germinates in 5-30 days. Plants prefer rich well-drained soil. They grow 12-18" high. Pinch back flower stalks as they appear to keep plants from bolting.

Information: This is a spicy anise-clove scent and flavor herb with purple stems and blossoms. Good for container gardening. The flavor is best when leaves are fresh. Heating the leaves will change flavor so best to be added last minute to warm dishes.

### ***Cilantro-***

Instructions: Sow seeds outdoors after last frost ½" deep in partial sun. Germinates in 10 days and needs to be thinned to 8-10" apart. It prefers rich well-drained soil and has a tendency to self-seed. Plant grows 1-2 feet tall and takes 50-55 days for first leaf harvest and 90-120 days for first seed harvest.

Information: Successive sowing of this annual herb will ensure a steady supply of its edible leaves throughout the season. This herb is sometimes referred to as fresh coriander or coriander leaves since the seed is used as a spice called coriander. It is used in a variety of Asian and Latin cuisines.

### ***Chives-***

Instructions: Sow seeds indoors ¼" deep 4-6 weeks before last frost and transplant in sun/partial shade 4-8" apart when soil can be worked in spring. Germinates in 7-14 days. Remove spent blossoms regularly to prolong blooming. Plants grow 12-20 inches tall. Established plants can easily be divided in both spring and fall.

Information: The slender onion-flavored, green foliage of chives can be eaten fresh or cooked. They also can be frozen, used in savory soups and fish dishes, and are used most often in potatoes. The pink flowers are also edible and can be used to color and flavor vinegar and salad dressings. They will self-sow and are great as ornamental borders.



### ***Oregano Greek-***

Instructions: Sow seeds indoors just beneath surface of soil 6-8 weeks before last frost. Germinates in 10 days. Transplant outdoors 12" apart in full sun after danger of last frost has passed. It prefers very well-drained soil and will grow 1-30" tall.

Information: Greek Oregano is hardy to frost and light freezes and has a cleaner and sharper taste than true oregano. It is an essential garden herb with a pungent flavor. This plant bears light green, pointed oval leaves that are slightly wavy at the edges. The leaves are more flavorful when used dry than fresh. Consider drying bunches in a dark, well ventilated place over the summer so you are well stock for winter.

### ***Parsley Triple Curled-***

Instructions: Sow seeds outdoors just before last frost ¼" deep in full sun in well-drained rich soil. Germinates in 14-21 days. Thin to 6-12" apart. Seeds can be soaked in warm water for 24 hours before planting. They can also be started indoors and set out as small plants. Takes 68-75 days to mature. Plants grow 9-12" high.

Information: Grown as an annual or biennial, and has dark curly green leaves that are high in vitamins and minerals. Holds for a long time at harvesting stage, and is great in stocks, soups and sauces. You can mix parsley, capers, anchovy, garlic to create a Italian salsa verde to serve with fish.

### ***Sage Green Culinary-***

Instructions: Sow seeds indoors on surface of soil 6-8 weeks before the last frost. Germinates in 14-21 days and can be transplanted outside 12" apart in rich moist, well-drained soil in full sun. Can be sown outdoors two weeks after the last spring frost. Grows up to 2 feet tall, divide every 3-4 years.

Information: Classic culinary herb for flavoring meat, cheese and bean dishes. Good for laying on grill and under meat to flavor it. Attractive grey green shrubby plant with mauve flowers. Is a common herb in rich dishes featuring meat or pasta. Try adding to clarified butter and tossing with pasta, or gently fry in butter as a garnish for soups. Thinly slice sage leaves to marinate pork, lamb or poultry, or mix with ground meat for sausages.

### ***Bee Balm Wild Bergamot-***

Instructions: Sow seeds in flats barely covering with dirt, 6-8 weeks before transplanting. Germinates in 7-14 days. Transplant once first true leaves appear 12-18" apart in sun/partial shade in moist, rich soil that is slightly acidic. Can also be sown directly outdoors in early spring in a cold frame to be transplanted when they reach height of 3-4" in rows 18" apart thinning to 12-18" when fuller. Plants will grow 36-18" high.

Information: This plant produces bright lavender blooms with a spicy scent in the second year. The first year the leaves can be harvested and each year after more will be able to be harvested. The flowers are edible and best in salads, regular or fruit, or sprinkled over mild fish. The flavor is minty and spicy. They make great nectar plants for bees, butterflies and hummingbirds.



### ***Mint Mexican Marigold-***

Instructions: Sow seeds 1/8" deep 6-8 weeks before the last frost. Germinates in 5-15 days. When seedlings are several inches tall pinch back tips to promote branching. Repeat pinching after 2 weeks. Harden off before planting outside after last frost in sunny area in well-drained soil 8-12" apart. You can directly sow outside after the last frost ¼" deep 8-12" apart in sun and thin and pinch back when true leaves appear. Plants will grow 16-20" high.

Information: Leaves may be harvested throughout the growing season and dug up and brought inside as houseplants in colder areas and replanted following spring. Aromatic leaves are a substitute for French tarragon and taste like sweet licorice. They brighten salads and main dishes. The edible golden-yellow flowers bloom all summer and can be eaten and used to garnish desserts and drinks with the same sweet licorice flavor as the leaves.

### ***Lemon Balm-***

Instructions: Sow seeds in flats 6-8 weeks before last frost, tamp seeds lightly into the soil as they need light to germinate and mist lightly. Germinates in 7-14 days and can be transplanted into individual pots when seedlings have 4 true leaves. Transplant outdoors after the last frost 12" apart in moist, well-drained soil in full sun. These plants can be directly sown outdoors in spring or early fall sowing about 1 seed per inch. Tamp seeds lightly into soil, and keep moist until germination occurs. Seedlings can be thinned to 12" apart if need be.

Information: If planting in fall, mulch will be needed if temperature falls below 8 degrees F. Plants will grow 18-16" tall. Leaves may be harvested as soon as the plant has become established. Cut entire stalk before plant begins to bloom, being careful not to bruise foliage. Fresh leaves are great for tea and salads.

## **VEGETABLES**

### ***Longfellow Cucumber-***

Instructions: Sow 6-8 seeds outdoors 1" deep in 12" diameter hills 6' apart in all directions after the last frost when soil is warm in full sun. Provide support for vines to save space. Thin to 3-4 plants per hill.

Information: Takes 62-80 days for fruit to grow to 12 inches. It has a straight shape and green-black skin. Cucumbers benefit from consistent moisture.

### ***Black Beauty Zucchini-***

Instructions: Sow 6-8 seeds outdoors 1" deep in 12" diameter hills 6' apart in all directions in full sun after danger of frost has passed. Thin to 3-4 plants. Can also be started indoors 3 weeks before transplanting outdoors.

Information: These are best when eaten when zucchini is under 8" long. This variety is best for sautéing, steaming, baking, roasting, and freezing and in soups.



### ***Golden Yellow Squash-***

Instructions: Sow 6-8 seeds outdoors 1" deep in 12" diameter hills 6' apart in all directions in full sun after danger of frost has passed. Thin to 3-4 plants. Can also be started indoors 3 weeks before transplanting outdoors.

Information: These are best when eaten when squash is under 8" long. This variety is best for sautéing, steaming, baking, and roasting. Crisp and mild flavor, with a bright yellow skin.

### ***Buran Red Peppers-***

Instructions: Sow seeds indoors ¼" deep 8 weeks before last frost. They germinate better in warm soil in 14 days. Plant outdoors 12-24" apart in full sun when soil is warm. They grow 2' tall and produce 4" long bell fruits with 3 lobes. Matures 90 days from transplant.

Information: This is a sweet and productive Polish pepper that is sweet even when green. Best for eating fresh, roasting, or in salsa, and you can even stuff with quinoa, rice or a mixture of cheese and beans and bake.

### ***Apollo Arugula-***

Instructions: Sow seeds outdoors ¼" deep 1" apart in full sun as soon as soil can be worked and danger of hard frost has passed. Germinates in 5-7 days. Thin 1-6" apart. For a continuous supply, sow every three weeks throughout the summer.

Information: It is noted for its lack of bitterness and spicy large leaves. This variety can be harvested 3-5 times per sowing and is high in vitamin C. The nutty and peppery taste of the arugula provides a nice contrast to lettuce in salad. Larger older leaves can be warmed and even lightly wilted for the best flavor. You can sprinkle these on pizza, fresh from the oven or toss them with pasta and roasted tomatoes.

### ***Isis Cherry Tomato-***

Instructions: Sow seeds indoors ¼" deep 6 weeks before last frost. Germinates in 7-14 days. Tomatoes are sensitive to freezing temperatures, so wait to transplant until soil is warm and space 24-36" apart in full sun. You will need to support the plant with a cage, stake or trellis. Fruits ripen 70-80 from transplant and throughout the season.

Information: This plant produces gorgeous bicolor cherry tomatoes that are red with a spectacular cat's eye starburst in the blossom end. It is loaded with 1 ½" fruit that grows in clusters of 6-8. Store tomatoes at room temperature. The flavor and texture of them will suffer when the fruit is chilled.





### ***Sugar Snap Peas-***

Instructions: Sow seeds outdoors after last frost when soil can be worked ½-1" deep 1 ½-2" apart in full sun. Germinates in 7-10 days and matures in 61 days. To help increase your yield and encourage the plants to grow vigorously, apply a powdered inoculant with a beneficial bacterium to the peas. Sprinkle the inoculant over the pea seeds when you're planting them or dust them with it before you plant. They will need support using a trellis or chicken wire.

Information: Peas are a cool weather crop. They like a pH of 6.5-6.8 in the soil. Adjust the pH with limestone or wood ashes.

### ***Trilogy Mix Beans-***

Instructions: Sow seeds outdoors after last frost 1" deep 2" apart in full sun. Making sure daytime soil temperatures are at least 60 degrees. Germinates in 8-10 days and matures in 55 days. Inoculants can increase yields. For continuous supply sow every 2-3 weeks through midsummer.

Information: Harvest regularly to encourage new pod set. Provider will mature first, followed by Rocdor, and then Royal Burgundy. Beans are an excellent source of protein and dietary fiber for us. Plus, their roots provide a valuable source of usable nitrogen to our soil.

### ***Carlsbad Lettuce-***

Instructions: Sow seeds 1/8" deep 2" apart in full sun or partial shade outdoors when soil is about 40 degrees. Germinates in 7-15 days. Matures in 7-8 weeks or when leaves are big enough to eat. Dry soil must be watered to ensure coolness and moisture for uniform germination.

Information: This lettuce is a crunchy, juicy sweet romaine baby leaf with cupped, heavy leaves with lightly scalloped margins with an upright growth habit. Harvest about 1" above the growing point when leaves reach desired harvestable length, about 3-4" long. Remove harvest debris to improve regrowth. Although lettuce grows fastest in full sun, it is one of the few vegetables that tolerates some shade. In fact, a spring crop often lasts longer if shaded from the afternoon sun as the season warms. You can grow lots of lettuce in a small space, even a container.

### ***Chioggia Beets-***

Instructions: Sow 15 seeds per foot 1/2" deep in rows of 12-18" apart when soil has warmed to 45 degrees. Germinates in 5-15 days. Thin to 1 plant per 3". For continuous supply sow every 2 weeks until 8 weeks before regular heavy frost. Matures in 55 days.

Information: These beets have medium-height green tops with pink-striped stems. Harvest when roots reach desired size. Do not let them get too large as the flavor will decline when larger than 4" or so in diameter. They have a crunchy texture with an earthy flavor. When cooked, they develop a tender and soft consistency with a sweet, earthy flavor.



### **Premium Peas-**

Instructions: Sow seeds outdoors after last frost when soil can be worked ½-1" deep 1 ½-2" apart in full sun. Germinates in 7-10 days and matures in 57 days. They will need support using a trellis or chicken wire. Harvest when the peas enlarge in the pods.

Information: Peas are a cool weather crop. They like a pH of 6.5-6.8 in the soil. Adjust the pH with limestone or wood ashes. Premium peas are a high quality peas with a sweet flavor. Pods average 3-3 ½" and contain about 7-8 peas.

### **Cobra Bean-**

Instructions: Sow seeds outdoors after last frost 1" deep 2" apart in full sun. Making sure daytime soil temperatures are at least 60 degrees. Germinates in 8-10 days and matures in 55 days. Inoculants can increase yields. For continuous supply sow every 2-3 weeks through midsummer.

Information: These are straight, medium-green pods with sweet flavor. The pods are 6-7" long. They have a pretty purple flower. Cobra beans are pole beans requiring a trellis.