

Wadleigh Seed Library



Growing
Instructions

Vegetables



Beans (Tendergreen)

Planting:

Tendergreen seeds can be sown outside at least one week after the first frost. Using well draining soil, plant the seeds 1 inch deep and 3 inches apart in a sunny spot. Germination should occur approximately 7 - 12 days after planting.



Harvesting:

Tendergreen beans can be harvested approximately 10 weeks after germination when the bean measures approximately 4 to 8 inches long.

Growing Tips:

- Growing Season: Spring & Summer
- Outdoor Growing Temperature: 60-80 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 65 degrees fahreneheit
- Sunlight: 6 hours daily
- Water: Moderate

Broccoli (Calabrese)

Planting:

Start planting calabrese broccoli indoors 6 to 8 weeks before the final frost. Using starter soil, plant seeds 1/4 inch deep in indoor trays or peat pots. Place the trays or peat pots in a sunny spot. Keep the seeds moist during germination. When the ground has warmed, transplant the broccoli outside in a sunny spot with good drainage.



Harvesting:

Calabrese broccoli can be harvested approximately 60 to 90 days after planting when the broccoli measures 5 inches in length.

Growing Tips:

- Growing Season: Spring & Fall
- Outdoor Growing Temperature: 40-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: 6 hours daily
- Water: Moderate

Brussels Sprouts (Catskill)

Planting:

Start sowing brussels sprouts indoors approximately 6 to 8 weeks before the last Spring frost. Keep the seeds moist during germination. When the outdoor soil temperature has warmed, transplant the brussels sprouts to a sunny spot, placing 2 to 3 seeds about 2 feet apart.



Harvesting:

Brussel sprouts can be harvested approximately 90 days after planting.

Growing Tips:

- Growing Season: Fall
- Outdoor Growing Temperature: 40-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 45 degrees fahrenheit
- Sunlight: 6 hours daily
- Water: Moderate

Carrot (Little Finger)

Planting:

Start sowing carrot seeds approximately 2 to 4 weeks before the last frost when the soil temperature is at least 45 degrees fahrenheit. Sow seeds 1/4 inch deep and 1 inch apart. Keep the seeds moist during germination.



Harvesting:

Carrots can be harvested approximately 3 weeks after planting; and can be sown again throughout the Spring, Summer, and Fall.

Growing Tips:

- Growing Season: Spring and Fall
- Outdoor Growing Temperature: 45-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 45 degrees fahrenheit
- Sunlight: 6 hours daily
- Water: Moderate

Cauliflower (Early Snowball)

Planting:

Start sowing cauliflower indoors 6 weeks before the last Spring frost. Place 2 seeds in each cell 1/4 inch deep. Keep the seeds moist during germination.

After 3 to 4 weeks, transplant seedlings outdoors 12 to 18 inches apart with 18-24 inches between rows.



Harvesting:

Cauliflower can be harvested approximately 65 days after planting when it measures 6 to 8 inches across.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 45-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: High

Celery (Utah)

Planting:

Start sowing celery indoors approximately 10 to 12 weeks before you plan to transplant it outside.

Shallowly sow the seeds in indoor trays or peat pots about about an 1/8th of an inch deep. Keep the seeds moist during germination. After the last Spring frost, the celery can be transplanted outside 6 to 8 inches apart.



Harvesting:

The celery can be harvested when the celeraic roots reach 3 to 5 inches in diameter.

Growing Tips:

- Growing Season: Spring and Fall
- Outdoor Growing Temperature: 40-80 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 50 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: High

Cucumber (Slicing Variety)

Planting:

Start sowing cucumbers indoors 3 weeks before you plan to transplant them outside. Ideally, 2 to 3 weeks after the last frost of the season. When the seedlings are ready to be transplanted outside, place each seedling 1 inch deep and 3 to 5 feet apart in a sunny spot.



Harvesting:

Cucumbers can be harvested when the cucumbers have reached approximately 6 to 8 inches in length.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: High

Crookneck Squash

Planting:

If you're getting a jump start on your gardening, sow the seeds in indoor trays or peat pots before the first frost. Fill each pot with one seed and well draining soil, and provide the seeds with 5-6 hours of bright sunlight daily. When the outdoor soil temperature is 70 degrees or higher, you can transport the seeds or sow them directly into your garden. In your garden, sow seeds in groups of 3 in slightly raised hills. Cover the seeds with 1 inch of soil, making sure to water the seeds well.



Harvesting:

Crookneck Squash can be harvested approximately 45-55 days after planting when the squash measures 5 to 6 inches in length.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 70 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: High

Onion (Sweet White Spanish)

Planting:

Begin sowing onions indoors 8 to 10 weeks before you plan to transplant the seedlings outside. In an indoor tray or peat pot, sow the seeds 1/4 inch deep. When the seedlings are ready to transplant outdoors, place the seedling in the soil 1/4 inch deep and 2 to 6 feet apart from each seedling in each row.



Harvesting:

Onions are ready to harvest when the green tops fall to the side. Once the onions are harvested, cure them in the sun for 2 to 7 days to dry out the onions.

Growing Tips:

- Growing Season: Spring and Fall
- Outdoor Growing Temperature: 55-80 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 50 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Pepper (California Wonder)

Planting:

Start sowing peppers indoors approximately 8 weeks before the last frost. Sow the seeds in peat pots about 1/4 inch deep and provide 12 to 16 hours of sunlight. Once the outdoor temperatures remain above 50 degrees fahrenheit ,transplant the seedlings 12 to 16 inches apart outside.



Harvesting:

Harvest the pepper when the color matches how sweet you prefer it to be. The darker the color, the sweeter the pepper.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 60-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Peas (Sugar Snap)

Planting:

Sow the seeds 1-1/2 inches deep, about 2 inches apart. Make sure to leave 18-24 inches between each row.

Sugar snap peas can tolerate brief periods of cold and frost.



Harvesting:

Sugar Snap Peas are ready to harvest; when the peas are green and the pods are tender. Approximately 6 to 8 weeks from sowing.

Growing Tips:

- Growing Season: Spring, Summer, and Fall
- Outdoor Growing Temperature: 45-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Spinach (Bloomsdale)



Planting:

Spinach seeds can be sown in early Spring or late Fall. Plant the seeds 1 inch deep and about 1-2 inches apart in a sunny spot with well draining soil. Make sure to water the plants weekly.

Harvesting:

Spinach is ready to harvest approximately 40-48 days after sowing the first seeds. When harvesting, cut above the root attachment.

Growing Tips:

- Growing Season: Spring and Fall
- Outdoor Growing Temperature: 45-75 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 45 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Tomato (Brandywine Red)

Planting:

Begin sowing the seeds indoors, approximately 6 weeks before the final frost. Sow the seeds in warm soil about 1/4 inch deep in a sunny spot. Water the seedlings regularly. After the final frost, transplant the tomato seedlings outdoors. Plant each seedling about 20 inches apart and 1-2 inches deep.



Harvesting:

Tomatoes are ready to harvest approximately 90 days after sowing. The tomatoes should be rosy pink or red in color.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 50-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Tomato (Gardener's Delight)

Planting:

Begin sowing tomato seeds indoors approximately 6 weeks before the final frost. Sow the seeds in warm soil about 1/4 inch deep in a sunny spot. Water the seedlings regularly. After the final frost, transplant the tomato seedlings outdoors. Plant each seedling about 24-36 inches apart and 1-2 inches deep.



Harvesting:

Tomatoes can be harvested when they are red in color and firm.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 50-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Zucchini

Planting:

Begin sowing the seeds outdoors after the last frost. Plant the seeds 1/2 inch deep, 3 - 4 inches apart, in rows that are 2-3 inches apart.



Harvesting:

Zucchini can be harvested when they've reached anywhere from 3 to 8 inches in length.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 70 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Moderate

Flowers



Cosmos (Mixed Colors)

Planting:

Begin sowing the seeds outdoors after the last frost. Plant the seeds no more than 1/4 inch deep. Frequently water and deadhead the Cosmos.



Harvesting:

First blooms will occur approximately 7 weeks after the first planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-85 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Partial shade
- Water: Moderate

Marigold (Mixed Colors)

Planting:

Begin sowing the seeds outdoors after the last frost. Plant the seeds about 1/4 inch deep and one inch apart. Frequently water and deadhead the Marigolds.



Harvesting:

First blooms will occur approximately 8 weeks after the first planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Low

Marigold (Sparky Mix)

Planting:

Begin sowing the seeds outdoors after the last frost. Plant the seeds about 1/4 inch deep and one inch apart. Frequently water and deadhead the Marigolds.



Harvesting:

First blooms will occur approximately 8 weeks after the first planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: minimum 6 hours daily
- Water: Low

Shasta Daisy

Planting:

Begin sowing the seeds in the Spring or early Fall. Sow a few seeds in each spot about 1/4 inch deep. Frequently water and deadhead the shasta daisies.



Harvesting:

Shasta Daisy will grow anywhere from approximately 9 inches tall to 4 feet tall. As short lived perennials, plant more each year to keep your flowers blooming.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-85 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Partial shade
- Water: Moderate

Sunflower

Planting:

In the Spring, sow the Sunflower seeds about 1 inch deep and 6 inches apart. When the seedlings have reached 6 inches tall, thin the seedlings.

Harvesting:

First blooms will occur approximately 80 to 120 days after planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 55-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 50 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Moderate



Zinnia (Lilliput Pom Pom)

Planting:

After the last frost, begin sowing the Zinnia seeds 8 to 12 inches apart in a sunny location. Frequently water and deadhead the Zinnias.



Harvesting:

First blooms will occur approximately 75 to 80 days after the first planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Partial shade
- Water: Moderate

Zinnia (Mixed Colors)



Planting:

After the last frost, begin sowing the Zinnia seeds 8 to 12 inches apart in a sunny location. Frequently water and deadhead the Zinnias.

Harvesting:

First blooms will occur approximately 60 to 70 days after planting. Flowers can be cut anytime after blooming.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Partial shade
- Water: Moderate

Herbs



Basil

Planting:

Four to 6 weeks before the last frost, begin sowing basil seeds. In a container, place the basil seeds about 1/4 inch deep. Basil requires a warm sunny spot to grow. Place your basil in a spot where it will get 6 to 8 hours of direct sunlight. Make sure to water your basil frequently. It doesn't like to be too moist or too dry.



Harvesting:

Basil can be harvested once it has reached about 4 inches in height.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 60-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 70 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Moderate

Lavender (English)

Planting:

Begin sowing lavender seeds 3 months before transporting the plant outdoors. Shallowly plant lavender seeds in seed trays in a sunny indoor location. Keeping the soil moist over the germination period. The lavender can be transplanted outside when the seedlings have several leaves.



Pruning:

Lavender can be pruned twice a year. Ideally, in late Summer and again in early Fall before the first frost.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 50-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 50 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Low

Lavender (True)

Planting:

Begin sowing lavender seeds 3 months before transporting the plant outdoors. Shallowly plant lavender seeds in seed trays in a sunny indoor location. Keeping the soil moist over the germination period. The lavender can be transplanted outside when the seedlings have several leaves.



Pruning:

Lavender can be pruned twice a year. Ideally, in late Summer and again in early Fall before the first frost.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 50-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 50 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Low

Oregano (Vulgare)

Planting:

Four to 6 weeks before the last frost, begin sowing oregano seeds. In a container, place the oregano seeds about 1/4 inch deep. Oregano needs a sunny spot to grow and frequent watering. Once the oregano seeds have germinated, transplant the seeds into a larger pot, approximately 12 inches in diameter.



Harvesting:

Oregano is ready for harvesting when the plant has reached approximately 6 inches in height.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Low

Rosemary

Planting:

Four to 6 weeks before the last frost, begin sowing rosemary seeds. In a container, place the rosemary seeds about 1/4 inch deep. Rosemary needs a sunny spot to grow and frequent watering. Once the rosemary seeds have germinated, transplant the seeds into a larger pot, approximately 12 inches in diameter.



Harvesting:

To encourage more growth, cut off about 3 to 6 inches of the stem throughout the plant as needed.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 50-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 45 degrees fahrenheit
- Sunlight: Partial shade
- Water: Low

Sage

Planting:

Four to 6 weeks before the last frost, begin sowing sage seeds. In a container, place the sage seeds about 1/4 inch deep. Sage needs a sunny spot to grow and frequent watering. Once the sage seeds have germinated, transplant the seeds into a larger pot, approximately 12 inches in diameter.



Harvesting:

Sage is ready to harvest when the plant has reached approximately 4 to 5 inches in height.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 55-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 45 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Low

Thyme

Planting:

Four to 6 weeks before the last frost, begin sowing thyme seeds. In a container, place the thyme seeds about 1/4 inch deep. Place the thyme in a spot where it will get approximately 6 hours of indirect sunlight a day. Make sure to water thoroughly while allowing the plant to dry out between each watering. Thyme will need to be repotted after every season or two.



Harvesting:

Harvest thyme by cutting off the stems and then remove the leaves from the stem.

Growing Tips:

- Growing Season: Spring
- Outdoor Growing Temperature: 60-90 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 60 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Low

Fruit



Melon (Crenshaw)

Planting:

One to 2 weeks after the last frost, begin sowing the crenshaw seeds 1/2 inch deep and approximately 1 foot apart in rows that are 5 feet apart.

Harvesting:

Crenshaw is ready to harvest when its color has changed from green to yellow. It should easily pull off of the stem.

Growing Tips:

- Growing Season: Spring and Summer
- Outdoor Growing Temperature: 65-95 degrees fahrenheit
- Minimum Outdoor Soil Temperature: 70 degrees fahrenheit
- Sunlight: Minimum 6 hours daily
- Water: Moderate



Extra Seeds

Seed

Donations