



Everything You Need To Know About Planting & Storing Your Heirloom Seeds

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Hello, from Home and Garden America!

Thank you for trusting us with your heirloom seeds order.

As a bonus gift for being such a great customer of ours,

we would like to give you complete planting
and storing instructions for your heirloom seeds.

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Scan it to your smart phone with this QR Code and take it

right out into the garden with you for easy reference!



We hope you enjoy this little gift from us at HAGA,


and best luck on your home garden!

Credits to [Roubicek](#)

for the front cover image.

PLANTING GUIDE

BEET
Cylindra
150 seeds




Imported from Denmark, this beet is unusual for it's carrot-like root. Sweet, dark red flesh is ring-free and skin is very easy to peel. 45-75 Days.

Quantity: 150 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 3”
Row Spacing: 12” to 18”
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: 2 weeks before last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 3-10
Days to Maturity: 50-60 days
Life Cycle: Biennial

Companion Plants: Cabbage, celery, chamomile, chard, dwarf beans, kohlrabi, lettuce, onions, silverbeet, spinach

Incompatible Plants: Runner beans, tall beans

BEET
Early Wonder
150 seeds




Excellent all round variety has tops great for greens and bulbs ideal for baking, boiling, pickling, and freezing. Highly nutritious!

Quantity: 150 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 3”
Row Spacing: 12” to 18”
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: 2 weeks before last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 3-10
Days to Maturity: 48-55 days
Life Cycle: Biennial

Companion Plants: Cabbage, celery, chamomile, chard, dwarf beans, kohlrabi, lettuce, onions, silverbeet, spinach

Incompatible Plants: Runner beans, tall beans

BROCCOLI
Green Sprouting Calabrese
 100 seeds




An increasingly popular variety delicious eaten raw, steamed, or stir-fried. Easy to grow and highly productive.

Quantity: 100 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 18” to 24”
Row Spacing: 24” to 36”
Indoor Sowing: 3-5 weeks before last frost date
Direct Sowing: 2 weeks after last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-10
Days to Maturity: 58-60 days
Life Cycle: Biennial

Companion Plants: Basil, beets, chamomile, cucumbers, dill, mint, nasturtiums, onions, oregano, peas, rosemary, sage, tomatoes

Incompatible Plants: Beans, strawberries

BRUSSELS SPROUTS
Long Island Improved
 150 seeds

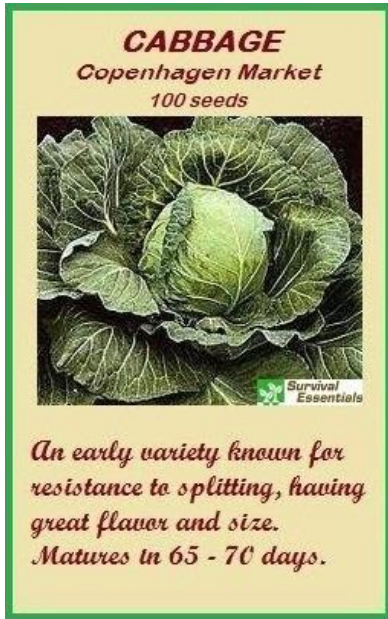


The most popular Brussel Sprout is high yielding, and grows to about 24” high. Does best in cool temperatures. Great for frozen storage. 110 days.

Quantity: 150 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 18” to 24”
Row Spacing: 24” to 36”
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: Not recommended
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 4-8
Days to Maturity: 90-115 days
Life Cycle: Annual

Companion Plants: Artichoke, beets, peas, potatoes, rosemary, sage, spinach

Incompatible Plants: Grapes, kohlrabi, pole beans, strawberries, tomatoes

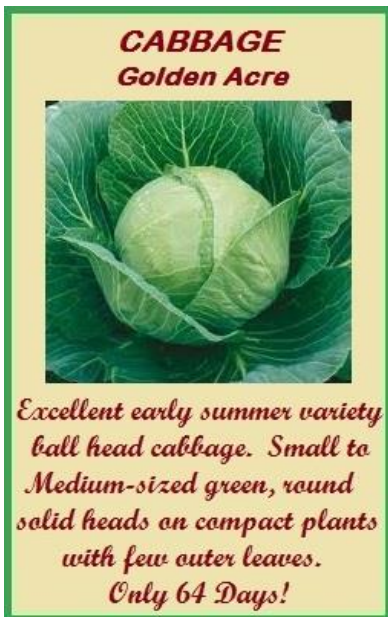


Quantity: 100 Seeds
Soil Temperature: 40 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 10” to 18”
Row Spacing: 24” to 30”
Indoor Sowing: 4-6 weeks before last frost date
Direct Sowing: Not recommended
Germination Time: 7-12 days
Sun Exposure: Full Sun (6 hours daily);
 For warm climates, provide partial shade.
Growing Condition: Cold, cool, short days
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 2-10
Days to Maturity: 65-75 days

Life Cycle: Biennial

Companion Plants: Beans, celery, cucumbers, dill, kale, lettuce, onions, potatoes, sage, spinach, thyme

Incompatible Plants: Broccoli, cauliflower, oregano, strawberries, tomatoes

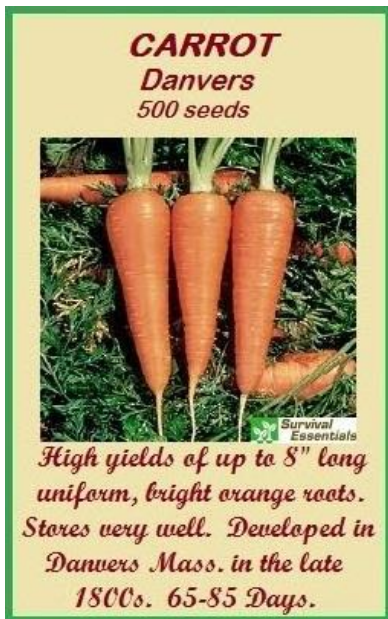


Quantity: 100 Seeds
Soil Temperature: 40 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 18” to 24”
Row Spacing: 24” to 36”
Indoor Sowing: 4-6 weeks before last frost date
Direct Sowing: 12-16 weeks before first fall frost
Germination Time: 5-14 days
Sun Exposure: Full Sun (6 hours daily);
 For warm climates, provide partial shade.
Growing Condition: Cold, cool, short days
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 2-11
Days to Maturity: 58-65 days

Life Cycle: Biennial

Companion Plants: Beans, celery, cucumbers, dill, kale, lettuce, onions, potatoes, sage, spinach, thyme

Incompatible Plants: Broccoli, cauliflower, oregano, strawberries, tomatoes



Quantity: 500 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ¼" – ½"
Plant Spacing: 2" to 3"
Row Spacing: 12" to 18"
Indoor Sowing: Not recommended
Direct Sowing: 2-3 weeks before last frost date
Germination Time: 14-21 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cool, warm, hot
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 65-75 days
Life Cycle: Biennial

Companion Plants: Beans, lettuce, onions, peas, radish, rosemary, sage, tomatoes

Incompatible Plants: Anise, dill, parsley



Quantity: 500 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ¼" – ½"
Plant Spacing: 2" to 3"
Row Spacing: 12" to 18"
Indoor Sowing: Not recommended
Direct Sowing: 2-3 weeks before last frost date
Germination Time: 14-21 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cool, warm, hot
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 65-75 days
Life Cycle: Biennial

Companion Plants: Beans, lettuce, onions, peas, radish, rosemary, sage, tomatoes

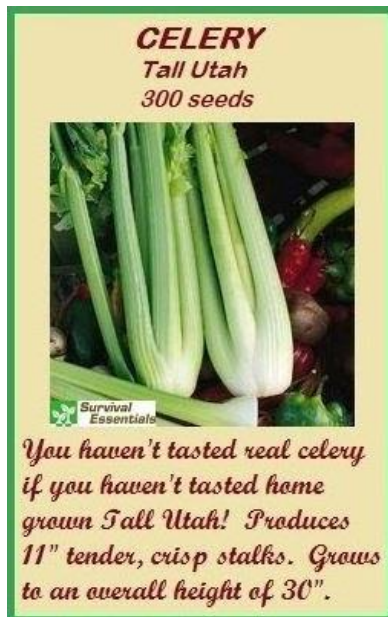
Incompatible Plants: Anise, dill, parsley



Quantity: 100 Seeds
Soil Temperature: 50 – 85° F
Seed Planting Depth: ¼” – ½”
Plant Spacing: 15” to 18”
Row Spacing: 24” to 26”
Indoor Sowing: 6 weeks before last frost date
Direct Sowing: 2-3 weeks before last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cool
Water Requirement: High
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 5-11
Days to Maturity: 52-65 days
Life Cycle: Annual

Companion Plants: Basil, beans, dill, garlic, hyssop, lettuce, marigold, mint, onions, rosemary, sage, thyme

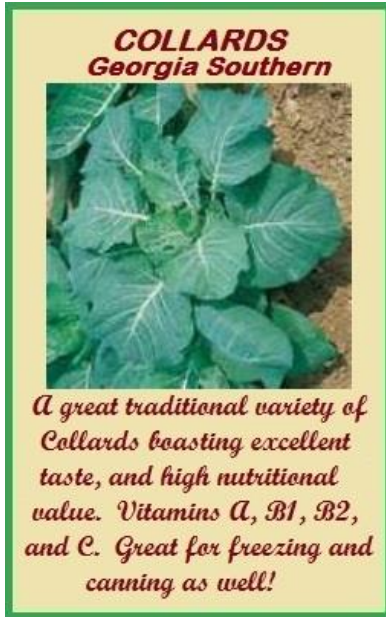
Incompatible Plants: Grapes, peas, rue, strawberries, tomatoes



Quantity: 300 Seeds
Soil Temperature: 50 – 70° F
Seed Planting Depth: 1/16”
Plant Spacing: 9” to 12”
Row Spacing: 24” to 36”
Indoor Sowing: 8-10 weeks before last frost date
Direct Sowing: Not recommended
Germination Time: 7-12 days
Sun Exposure: Light Shade (6 hours daily)
Growing Condition: Cool
Water Requirement: High
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 5-10
Days to Maturity: 70-125 days
Life Cycle: Biennial

Companion Plants: Bush beans, cabbage, nasturtiums, onions, spinach, tomatoes

Incompatible Plants: Carrots, parsley, parsnip

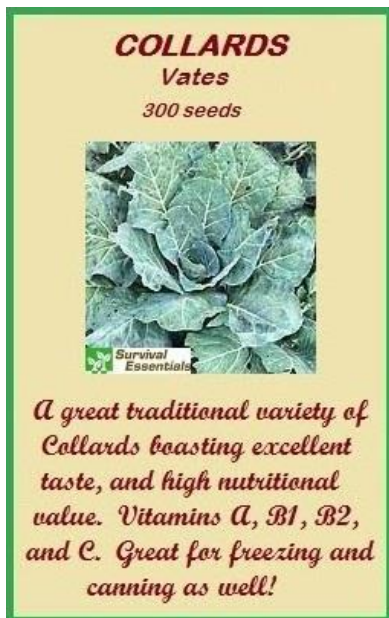


Quantity: 300 Seeds
Soil Temperature: 55 – 70° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 12” to 18”
Row Spacing: 24” to 36”
Indoor Sowing: 6-8 weeks before last frost date
 (Start indoors if insects and pests are a problem)
Direct Sowing: 2-8 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun / Partial Shade (6 hours)
Growing Condition: Cold, cool, warm, hot
Water Requirement: Moderate
Hardiness: Super Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 75-85 days

Life Cycle: Annual

Companion Plants: Basil, beans, chamomile, dill, garlic, mint, nasturtiums, onions, potatoes, rosemary, sage, southernwood, thyme

Incompatible Plants: Grapes, rue, tansy




Quantity: 300 Seeds
Soil Temperature: 55 – 70° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 12” to 18”
Row Spacing: 24” to 36”
Indoor Sowing: 6-8 weeks before last frost date
 (Start indoors if insects and pests are a problem)
Direct Sowing: 2-8 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun / Partial Shade (6 hours)
Growing Condition: Cold, cool, warm, hot
Water Requirement: Moderate
Hardiness: Super Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 75-85 days

Life Cycle: Annual

Companion Plants: Basil, beans, chamomile, dill, garlic, mint, nasturtiums, onions, potatoes, rosemary, sage, southernwood, thyme

Incompatible Plants: Grapes, rue, tansy

CORN SALAD
Dutch
 150 seeds




Also known as "Lamb's Lettuce", this leafy green is an excellent addition to any salad. Mildly flavored, goes well with Arugula, Endive, and Mustard.

Quantity: 150 Seeds
Soil Temperature: 40 – 65° F
Seed Planting Depth: ¼ – ½"
Plant Spacing: 3" to 6"
Row Spacing: 12" to 18"
Indoor Sowing: Not recommended
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 10-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: High
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 5-11
Days to Maturity: 90-100 days
Life Cycle: Annual

Companion Plants: Beets, cabbage, clover, peas, peppers, radish, tomatoes
Incompatible Plants: Celery, cress, parsley

CUCUMBER
Marketmore
 50 seeds



One of the most popular varieties for salads and raw consumption. Great flavor, and high yielding! Excellent!

Quantity: 50 Seeds
Soil Temperature: 60 – 85° F
Seed Planting Depth: ½"
Plant Spacing: 12" to 24"
Row Spacing: 5' to 6'
Indoor Sowing: 2 weeks after last frost date
Direct Sowing: 3-4 weeks after last frost date
Germination Time: 4-12 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-14
Days to Maturity: 55-60 days
Life Cycle: Annual

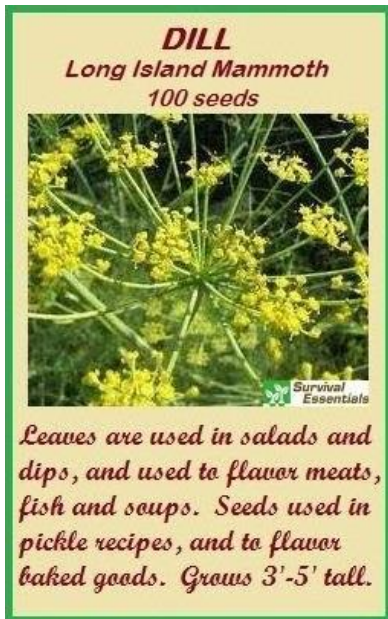
Companion Plants: Beans, cabbage, cauliflower, corn, lettuce, peas, radish, sunflowers
Incompatible Plants: Aromatic herbs, melon, potatoes



Quantity: 50 Seeds
Soil Temperature: 60 – 85° F
Seed Planting Depth: ½"
Plant Spacing: 12" to 24"
Row Spacing: 5' to 6'
Indoor Sowing: 2 weeks after last frost date
Direct Sowing: 3-4 weeks after last frost date
Germination Time: 4-12 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-14
Days to Maturity: 50-60 days
Life Cycle: Annual

Companion Plants: Beans, cabbage, cauliflower, corn, lettuce, peas, radish, sunflowers

Incompatible Plants: Aromatic herbs, melon, potatoes

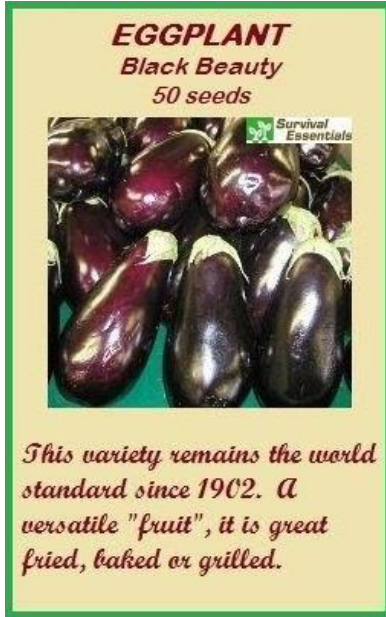


Quantity: 100 Seeds
Soil Temperature: 60 – 75° F
Seed Planting Depth: ¼ – ½"
Plant Spacing: 12" to 18"
Row Spacing: 18" to 24"
Indoor Sowing: Not recommended
Direct Sowing: 2-6 weeks after last frost date
Germination Time: 12-18 days
Sun Exposure: Full Sun (6 hours daily);
 Also needs protection from strong winds.
Growing Condition: Cold, cool, warm
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 8-14
Days to Maturity: 40-60 days

Life Cycle: Annual

Companion Plants: Asparagus, broccoli, cabbage, corn, cucumbers, lettuce, marigold, onions, roses

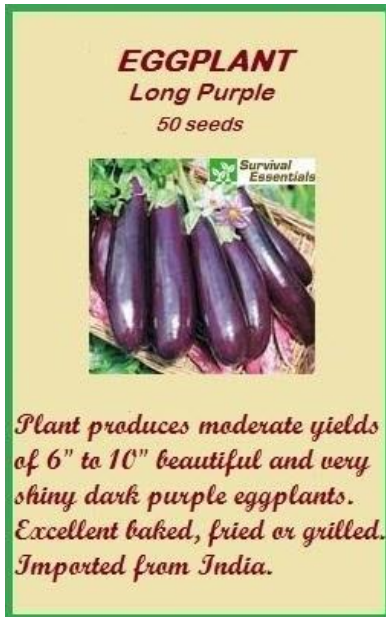
Incompatible Plants: Carrots, cilantro, potatoes, tomatoes



Quantity: 50 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼ – ½"
Plant Spacing: 18" to 24"
Row Spacing: 30" to 36"
Indoor Sowing: 4-6 weeks before last frost date
Direct Sowing: 6-8 weeks after last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 4-14
Days to Maturity: 72-90 days
Life Cycle: Annual

Companion Plants: Bush beans, catnip, garlic, marigold, peas, peppers, potatoes, spinach, tarragon, thyme

Incompatible Plants: Apricots, corn, tomatoes




Quantity: 50 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼"
Plant Spacing: 18" to 24"
Row Spacing: 24" to 36"
Indoor Sowing: 4-6 weeks before last frost date
Direct Sowing: 6-8 weeks after last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 4-14
Days to Maturity: 70-75 days
Life Cycle: Annual

Companion Plants: Bush beans, catnip, garlic, marigold, peas, peppers, potatoes, spinach, tarragon, thyme

Incompatible Plants: Apricots, corn, tomatoes

KALE
Dwarf Siberian
 500 seeds



A leafy green that grows well even in warmer temperatures. Great steamed or with stir fry dishes. Excellent for attracting deer when plot planted.

Quantity: 500 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 18” to 24”
Row Spacing: 24” to 36”
Indoor Sowing: 5 weeks before last frost date
Direct Sowing: 2-4 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool, warm
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 50-65 days
Life Cycle: Biennial

Companion Plants: Beets, celery, cucumbers, dill, garlic, herbs, hyssop, lettuce, mint, nasturtiums, onions, potatoes, rosemary, sage, spinach, Swiss chard
Incompatible Plants: Beans, grapes, rue, strawberries, tomatoes

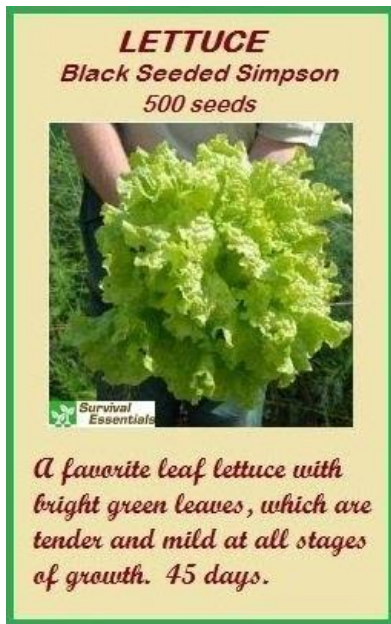
KOHLRABI
Purple Vienna
 200 seeds



An unusual, but great tasting and incredibly nutritious vegetable tastes mildly like broccoli with a hint of cabbage. Can be eaten raw or cooked. Roast, steam or add to soups.

Quantity: 200 Seeds
Soil Temperature: 50 – 85° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 6” to 8”
Row Spacing: 12”
Indoor Sowing: 4-5 weeks before last frost date
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 55-65 days
Life Cycle: Annual

Companion Plants: Beets, celery, herbs, onions, potatoes
Incompatible Plants: Pole beans, strawberries, tomatoes



Quantity: 500 Seeds
Soil Temperature: 60 – 70° F
Seed Planting Depth: 1/8"
Plant Spacing: 8" to 12"
Row Spacing: 12" to 18"
Indoor Sowing: 5-6 weeks before last frost date
Direct Sowing: 2-4 weeks after last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, warm
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 4-9
Days to Maturity: 40-65 days
Life Cycle: Annual

Companion Plants: Asparagus, beets, Brussels sprouts, cabbage, carrots, corn, cucumbers, eggplant, onions, peas, potatoes, radish, spinach, strawberries, sunflowers, tomatoes

Incompatible Plants: Broccoli, celery, parsley



Quantity: 500 Seeds
Soil Temperature: 60 – 70° F
Seed Planting Depth: 1/8"
Plant Spacing: 8" to 12"
Row Spacing: 12" to 18"
Indoor Sowing: 5-6 weeks before last frost date
Direct Sowing: 2-4 weeks after last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, warm
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 4-9
Days to Maturity: 60-65 days
Life Cycle: Annual

Companion Plants: Asparagus, beets, Brussels sprouts, cabbage, carrots, corn, cucumbers, eggplant, onions, peas, potatoes, radish, spinach, strawberries, sunflowers, tomatoes

Incompatible Plants: Broccoli, celery, parsley



Quantity: 500 Seeds
Soil Temperature: 60 – 70° F
Seed Planting Depth: 1/8"
Plant Spacing: 8" to 12"
Row Spacing: 12" to 18"
Indoor Sowing: 5-6 weeks before last frost date
Direct Sowing: 2-4 weeks after last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, warm
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 3-9
Days to Maturity: 48-53 days
Life Cycle: Annual

Companion Plants: Asparagus, beets, Brussels sprouts, cabbage, carrots, corn, cucumbers, eggplant, onions, peas, potatoes, radish, spinach, strawberries, sunflowers, tomatoes

Incompatible Plants: Broccoli, celery, parsley




Quantity: 500 Seeds
Soil Temperature: 60 – 70° F
Seed Planting Depth: 1/8"
Plant Spacing: 8" to 12"
Row Spacing: 12" to 18"
Indoor Sowing: 5-6 weeks before last frost date
Direct Sowing: 2-4 weeks after last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, warm
Water Requirement: Moderate
Hardiness: Half Hardy
Ideal Hardiness Zone: USDA Zones 4-9
Days to Maturity: 48-50 days
Life Cycle: Annual

Companion Plants: Asparagus, beets, Brussels sprouts, cabbage, carrots, corn, cucumbers, eggplant, onions, peas, potatoes, radish, spinach, strawberries, sunflowers, tomatoes

Incompatible Plants: Broccoli, celery, parsley

CANTALOUPE
Hale's Best Jumbo
 50 seeds



A great old heirloom variety that has stood the test of time. Sweet and fragrant, wonderful eaten fresh sliced, or juiced for nutritious drinks.


Quantity: 50 Seeds
Soil Temperature: 65 – 80° F
Seed Planting Depth: ½”
Plant Spacing: 36” to 48”
Row Spacing: 4’ to 6’
Indoor Sowing: 3-4 weeks before last frost date
Direct Sowing: 1-2 weeks after last frost date;
 Ideal only if you have a long, hot growing season.
Germination Time: 4-8 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Very Tender
Ideal Hardiness Zone: USDA Zones 4-11
Days to Maturity: 74-88 days

Life Cycle: Annual

Companion Plants: Anise, basil, bee balm, catnip, chives, cilantro, corn, dill, garlic, marigold, mint, nasturtiums, onions, pumpkin, radish, sage, tansy

Incompatible Plants: Potatoes

MELON
Hearts of Gold
 50 seeds



Good yields of 3 lb. melons are super sweet and have a deep orange flesh. An excellent home garden melon introduced in 1895. 90 Days


Quantity: 50 Seeds
Soil Temperature: 65 – 80° F
Seed Planting Depth: ½”
Plant Spacing: 36” to 48”
Row Spacing: 4’ to 6’
Indoor Sowing: 3-4 weeks before last frost date
Direct Sowing: 1-2 weeks after last frost date;
 Ideal only if you have a long, hot growing season.
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Very Tender
Ideal Hardiness Zone: USDA Zones 4-11
Days to Maturity: 70-97 days

Life Cycle: Annual

Companion Plants: Anise, basil, bee balm, catnip, chives, cilantro, corn, dill, garlic, marigold, mint, nasturtiums, onions, pumpkin, radish, sage, tansy

Incompatible Plants: Potatoes

MUSTARD (GREENS)
Florida Broadleaf
 600 seeds




Mildly flavored, a favorite variety matures in only 45 days. Steam, sautee, or cook in broth. Easy to grow in the North or the South!

Quantity: 600 Seeds
Soil Temperature: 65 – 75° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 3” to 6”
Row Spacing: 18”
Indoor Sowing: Not recommended
Direct Sowing: 2-4 weeks before last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 2-11
Days to Maturity: 30-55 days
Life Cycle: Annual

Companion Plants: Dill, English peas, fennel, flowering buckwheat, jasmine, mint, snap peas, tansy, turnips, yarrow

Incompatible Plants: Dried beans, field pennycress, pigweed, shepherd's purse, soybeans, sunflowers, wild mustard

OKRA
Clemson Spineless
 50 seeds



Tender pods great for gumba recipes, frying, or boiling. A southern classic which is great for pickling as well.

Quantity: 50 Seeds
Soil Temperature: 70 – 95° F
Seed Planting Depth: ½ – 1”
Plant Spacing: 12” to 18”
Row Spacing: 36” to 48”
Indoor Sowing: 2-4 weeks before last frost date
Direct Sowing: 3-5 weeks after last frost date; Ideal if your growing season is long enough.
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 5-11
Days to Maturity: 52-64 days

Life Cycle: Annual

Companion Plants: Basil, cucumbers, eggplant, melon, peas, peppers, radish, snow pea vines, sunflowers

Incompatible Plants: No known bad companion plants

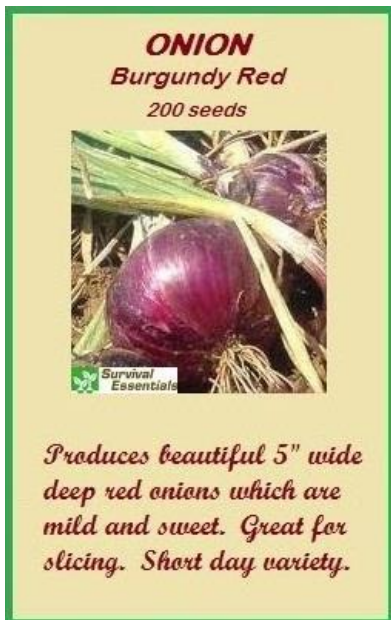


Quantity: 50 Seeds
Soil Temperature: 70 – 95° F
Seed Planting Depth: ¼"
Plant Spacing: 12" to 24"
Row Spacing: 36" to 48"
Indoor Sowing: 2-4 weeks before last frost date
Direct Sowing: 3-5 weeks after last frost date;
 Ideal if your growing season is long enough.
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 5-11
Days to Maturity: 66-72 days

Life Cycle: Annual

Companion Plants: Basil, cucumbers, eggplant, melon, peas, peppers, radish, snow pea vines, sunflowers

Incompatible Plants: No known bad companion plants




Quantity: 200 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ¼ – ½"
Plant Spacing: 4" to 6"
Row Spacing: 12" to 18"
Indoor Sowing: 16 weeks before last frost date
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 10-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool, warm, long days
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-10
Days to Maturity: 100-150 days
Life Cycle: Biennial

Companion Plants: Beets, broccoli, cabbage, carrots, cucumbers, lettuce, peppers, potatoes, radish, spinach, squash, tomatoes

Incompatible Plants: Beans, peas, sage

ONION
White Sweet Spanish
 200 seeds



Produces large globe shaped onions up to 1 lb. This variety sets the standard for white onion varieties. A very good storing onion. Approx. 115 days.

Quantity: 200 Seeds
Soil Temperature: 55 – 75° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 4” to 6”
Row Spacing: 12” to 18”
Indoor Sowing: 16 weeks before last frost date
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 10-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool, warm, long days
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-10
Days to Maturity: 100-150 days
Life Cycle: Biennial

Companion Plants: Beets, broccoli, cabbage, carrots, cucumbers, lettuce, peppers, potatoes, radish, spinach, squash, tomatoes
Incompatible Plants: Beans, peas, sage

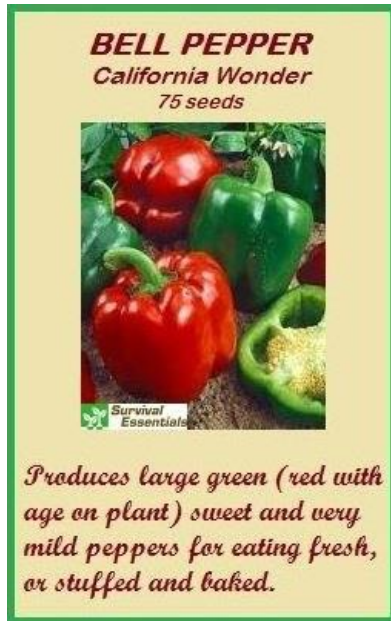
PARSNIP
Hollow Crown
 250 seeds



Produces large 15 inch long, & 3” wide smooth, off-white roots with a sweet, nutty flavor. Can be used like carrots in stews and soups or can be steamed, sauteed in butter, or fried.

Quantity: 250 Seeds
Soil Temperature: 45 – 75° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 4”
Row Spacing: 18” to 24”
Indoor Sowing: Not recommended
Direct Sowing: 2 weeks before last frost date
Germination Time: 2-3 weeks
Sun Exposure: Does good in light shade, but more productive in full sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 2-9
Days to Maturity: 95-110 days

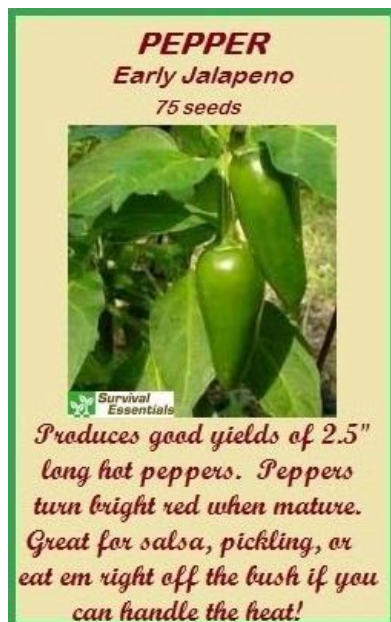
Life Cycle: Annual
Companion Plants: Bush beans, garlic, onions, peas, peppers, potatoes, radish
Incompatible Plants: Caraway, carrots, celery, larkspur



Quantity: 75 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 12”-24” **Row Spacing:** 24”-36”
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: Not recommended
Germination Time: 10-21 days
Sun Exposure: Full Sun (6 hours daily);
 For very warm climates, provide light shade.
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Very Tender
Ideal Hardiness Zone: USDA Zones 9-11
Days to Maturity: 70-75 days
Life Cycle: Annual

Companion Plants: Basil, coriander, marjoram, onions, oregano, parsley, rosemary, spinach, squash, tomatoes

Incompatible Plants: Apricots, beans, broccoli, Brussels sprouts, cabbage, fennel, kale, kohlrabi, mustard



Quantity: 75 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 12”- 18” **Row Spacing:** 24”-36”
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: Not recommended
Germination Time: 10-21 days
Sun Exposure: Full Sun (6 hours daily);
 For very warm climates, provide light shade.
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Very Tender
Ideal Hardiness Zone: USDA Zones 5-12
Days to Maturity: 72-75 days
Life Cycle: Annual

Companion Plants: Basil, coriander, marjoram, onions, oregano, parsley, rosemary, spinach, squash, tomatoes

Incompatible Plants: Apricots, beans, broccoli, Brussels sprouts, cabbage, fennel, kale, kohlrabi, mustard

PUMPKIN
Small Sugar
25 seeds

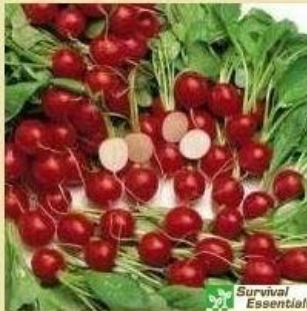


A culinary variety prized for its taste and texture. Excellent for pies, soufflé, and any baking recipe calling for pumpkin.

Quantity: 25 Seeds
Soil Temperature: 65 – 95° F
Seed Planting Depth: 1 – 1½”
Plant Spacing: 6” to 12”
Row Spacing: 6’ to 10’
Indoor Sowing: 1-2 weeks before last frost date
Direct Sowing: 3-10 weeks after last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-12
Days to Maturity: 100-105 days
Life Cycle: Annual

Companion Plants: Corn, marigold, melon, nasturtiums, oregano, squash
Incompatible Plants: Potatoes

RADISH
Cherry Belle
200 seeds




Very popular variety will grow just about anywhere! Shade, sun, indoors or out. Perfect for salads, or in sandwiches.

Quantity: 200 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 4”
Row Spacing: 12” to 24”
Indoor Sowing: Not recommended
Direct Sowing: 0-4 weeks before last frost date
Germination Time: 4-12 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool, warm
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 5-14
Days to Maturity: 20-30 days
Life Cycle: Annual

Companion Plants: Basil, carrots, coriander, cucumber, lettuce, onions, spinach, tomatoes
Incompatible Plants: Beans, hyssop, kohlrabi

RADISH
French Breakfast
 200 seeds




Popular for mild, slightly spicy and sweet flavor. Harvest smaller sizes for a more delicate flavor. Very easy to grow, one of the simple pleasures of Spring!

Quantity: 200 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 4”
Row Spacing: 12” to 24”
Indoor Sowing: Not recommended
Direct Sowing: 0-4 weeks before last frost date
Germination Time: 4-12 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool, warm
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 5-14
Days to Maturity: 20-30 days
Life Cycle: Annual

Companion Plants: Basil, carrots, coriander, cucumber, lettuce, onions, spinach, tomatoes

Incompatible Plants: Beans, hyssop, kohlrabi

RUTABAGA
American Purple Top
 400 seeds



Large globe shaped root vegetable which is a great low starch substitute for potatoes. Yellow flesh, turns orange when cooked.

Quantity: 400 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 2” to 4”
Row Spacing: 18” to 24”
Indoor Sowing: Not recommended
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 90-100 days
Life Cycle: Biennial

Companion Plants: Beets, carrots, turnips

Incompatible Plants: Dill, grapes, pole beans, strawberries, tomatoes

SPINACH
Bloomsdale Long Standing
 100 seeds



Highly nutritious, begins producing "baby" leaves in only 25 days! Excellent for salads, added to soups, dips, and even pizza topping!


Quantity: 100 Seeds
Soil Temperature: 45 – 75° F
Seed Planting Depth: ½”
Plant Spacing: 2” to 6”
Row Spacing: 12” to 18”
Indoor Sowing: Not recommended
Direct Sowing: 4-6 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily);
 For warmer climates, plant in a shady location.
Growing Condition: Cold, cool, warm
Water Requirement: Moderate
Hardiness: Super Hardy
Ideal Hardiness Zone: USDA Zones 6-9
Days to Maturity: 39-60 days

Life Cycle: Annual

Companion Plants: Bush beans, cabbage, celery, eggplant, leeks, lettuce, onions, peas, strawberries

Incompatible Plants: Potatoes

SQUASH
Early Prolific Straightneck
 25 seeds




Popular summer variety produces very high yields. Delicious fried, grilled or boiled! Excellent!

Quantity: 25 Seeds
Soil Temperature: 60 – 90° F
Seed Planting Depth: ½ – 1”
Plant Spacing: 36” to 48”
Row Spacing: 36”
Indoor Sowing: 1 week before last frost date
Direct Sowing: 3-12 weeks after last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-12
Days to Maturity: 42-50 days
Life Cycle: Annual

Companion Plants: Borage, corn, melon, pumpkin, marigold, nasturtiums, oregano

Incompatible Plants: Potatoes

SQUASH
Table Queen
 25 seeds




Popular winter variety is a favorite for fresh soup, baked, steamed, or even delicious microwaved! Keeps through the winter months too!

Quantity: 25 Seeds
Soil Temperature: 65 – 95° F
Seed Planting Depth: ½ – 1”
Plant Spacing: 36” to 48”
Row Spacing: 36”
Indoor Sowing: 1 week before last frost date
Direct Sowing: 3-12 weeks after last frost date
Germination Time: 5-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-12
Days to Maturity: 58-90 days
Life Cycle: Annual

Companion Plants: Borage, corn, melon, pumpkin, marigold, nasturtiums, oregano

Incompatible Plants: Potatoes

ZUCCHINI SQUASH
Dark Green
 25 seeds

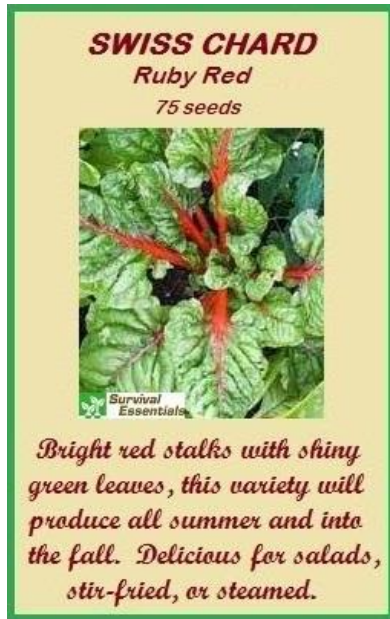


Very popular summer squash great for grilling, stir fry, and baked recipes. Fast growing, heavy yields. Harvest when 12” to 16” long.

Quantity: 25 Seeds
Soil Temperature: 70 – 95° F
Seed Planting Depth: 1”
Plant Spacing: 24” to 36”
Row Spacing: 48”
Indoor Sowing: 1 week before last frost date
Direct Sowing: 3-12 weeks after last frost date
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: High
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-12
Days to Maturity: 45-65 days
Life Cycle: Annual

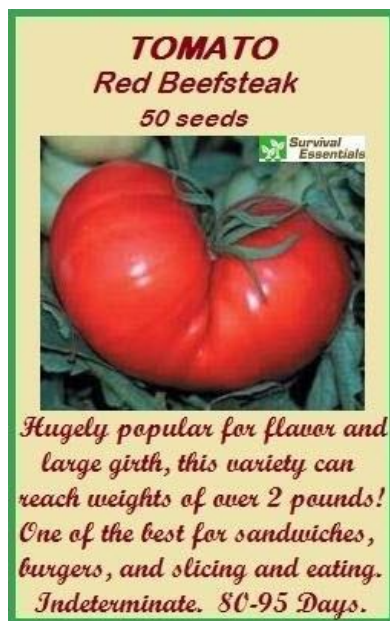
Companion Plants: Borage, corn, melon, pumpkin, marigold, nasturtiums, oregano

Incompatible Plants: Potatoes



Quantity: 75 Seeds
Soil Temperature: 40 – 95° F
Seed Planting Depth: ½ – 1”
Plant Spacing: 6” to 12”
Row Spacing: 18” to 24”
Indoor Sowing: Not recommended
Direct Sowing: 0-2 weeks after last frost date
Germination Time: 10-21 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 5-11
Days to Maturity: 55-60 days
Life Cycle: Biennial

Companion Plants: Cabbage, carrots, lettuce, onion, peas, tomatoes
Incompatible Plants: Pole beans



Quantity: 50 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 36” to 48”
Row Spacing: 4’ to 5’
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: 4-12 weeks after last frost date; Ideal only for areas with a long growing season.
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-14
Days to Maturity: 62-115 days

Life Cycle: Annual

Companion Plants: Asparagus, basil, beans, borage, carrots, celery, dill, lettuce, melon, onions, parsley, peppers, radish, spinach, thyme

Incompatible Plants: Broccoli, Brussels sprouts, cabbage, cauliflower, corn, kale, potatoes



Quantity: 50 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 36” to 48” **Row Spacing:** 4’ to 5’
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: 4-12 weeks after last frost date;
 Ideal only for areas with a long growing season.
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-14
Days to Maturity: 70-90 days
Life Cycle: Annual

Companion Plants: Asparagus, basil, beans, borage, carrots, celery, dill, lettuce, melon, onions, parsley, peppers, radish, spinach, thyme

Incompatible Plants: Broccoli, Brussels sprouts, cabbage, cauliflower, corn, kale, potatoes



Quantity: 50 Seeds
Soil Temperature: 75 – 85° F
Seed Planting Depth: ¼”
Plant Spacing: 18” to 24” **Row Spacing:** 3’ to 4’
Indoor Sowing: 6-8 weeks before last frost date
Direct Sowing: 4-12 weeks after last frost date;
 Ideal only for areas with a long growing season.
Germination Time: 7-10 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Warm, hot
Water Requirement: Moderate
Hardiness: Tender
Ideal Hardiness Zone: USDA Zones 3-14
Days to Maturity: 70-90 days
Life Cycle: Annual

Companion Plants: Asparagus, basil, beans, borage, carrots, celery, dill, lettuce, melon, onions, parsley, peppers, radish, spinach, thyme

Incompatible Plants: Broccoli, Brussels sprouts, cabbage, cauliflower, corn, kale, potatoes

TURNIP
Purple Top
400 seeds

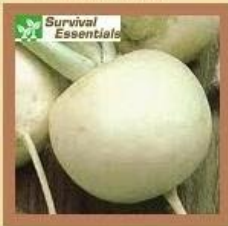


An all time favorite. Versatile in the many ways to prepare and eat, a true staple of the root vegetable family. Very easy to grow. Mass plant for greens and to attract deer.

Quantity: 400 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 4” to 6”
Row Spacing: 12” to 18”
Indoor Sowing: Not recommended
Direct Sowing: 2-4 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 50-55 days
Life Cycle: Biennial

Companion Plants: Cabbage, celery, dill, onions, peas, mint, rosemary, sage
Incompatible Plants: Delphinium, larkspur, pole beans, potatoes, radish, mustard

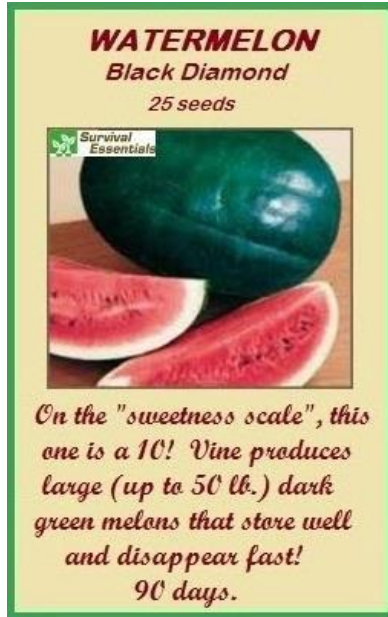
TURNIP
Shogoin
400 seeds



Produces solid white globe turnip, best when harvested at around 4” in diameter. One of the best varieties for greens. Tops grow to about 20” tall.

Quantity: 400 Seeds
Soil Temperature: 45 – 85° F
Seed Planting Depth: ¼ – ½”
Plant Spacing: 4” to 6”
Row Spacing: 12” to 18”
Indoor Sowing: Not recommended
Direct Sowing: 2-4 weeks before last frost date
Germination Time: 7-14 days
Sun Exposure: Full Sun (6 hours daily)
Growing Condition: Cold, cool
Water Requirement: Moderate
Hardiness: Hardy
Ideal Hardiness Zone: USDA Zones 3-11
Days to Maturity: 50-55 days
Life Cycle: Biennial

Companion Plants: Cabbage, celery, dill, onions, peas, mint, rosemary, sage
Incompatible Plants: Delphinium, larkspur, pole beans, potatoes, radish, mustard



Quantity: 25 Seeds

Soil Temperature: 75 – 80° F

Seed Planting Depth: 1"

Plant Spacing: 3' **Row Spacing:** 6'

Indoor Sowing: 3-4 weeks before last frost date

Direct Sowing: 3-4 weeks after last frost date;

Ideal if your growing season is long & hot enough.

Germination Time: 5-8 days

Sun Exposure: Full Sun (6 hours daily)

Growing Condition: Warm, hot, long days

Water Requirement: Moderate

Hardiness: Very Tender

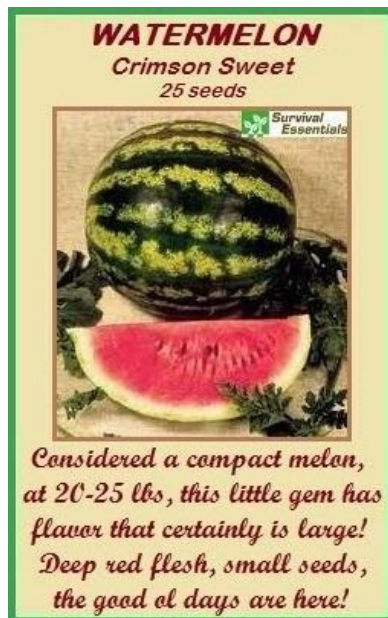
Ideal Hardiness Zone: USDA Zones 4-9

Days to Maturity: 90-100 days

Life Cycle: Annual

Companion Plants: Basil, corn, marigold, nasturtiums, oregano, pumpkin, radish

Incompatible Plants: Beans, black walnut, cucumbers, mustard, potatoes, squash, zucchini



Quantity: 25 Seeds

Soil Temperature: 75 – 80° F

Seed Planting Depth: 1"

Plant Spacing: 3' **Row Spacing:** 6'

Indoor Sowing: 3-4 weeks before last frost date

Direct Sowing: 3-4 weeks after last frost date;

Ideal if your growing season is long & hot enough.

Germination Time: 5-8 days

Sun Exposure: Full Sun (6 hours daily)

Growing Condition: Warm, hot, long days

Water Requirement: Moderate

Hardiness: Very Tender

Ideal Hardiness Zone: USDA Zones 4-9

Days to Maturity: 90-100 days

Life Cycle: Annual

Companion Plants: Basil, corn, marigold, nasturtiums, oregano, pumpkin, radish

Incompatible Plants: Beans, black walnut, cucumbers, mustard, potatoes, squash, zucchini

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**SEE STORAGE INFORMATION
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STORING

Best Storage Tips for Your Heirloom Seeds

The airtight bag that your seeds came in is a highly suitable container as long as it's kept from heat. Storing the seeds in the refrigerator will keep them for a decade or so. Storing them in the freezer will extend their life to 20 years or so, making them the ideal disaster preparedness food source.

Heirloom seeds are very practical because they can provide a seed supply and food source for a lifetime. All you have to do is preserve the seeds that come from your harvests, keep them in Mason canning jars or pickle jars, and you can use them for many decades to come! You can even save money because you won't have to buy new seeds at the beginning of every season.

For more seed-storing tips, check these ones below:

- When saving seeds from your heirloom crops, you'll want to air-dry them for a week before storage. Just lay them out on newspapers until they're completely dry. Add labels so as not to mix them up.
- To prolong the shelf life of your heirloom seeds, you need to always keep them away from moisture, heat and light. Do this by first putting them in Ziploc bags and then placing them inside airtight containers. Glass jars work well as containers for your heirloom seeds.
- **Moisture** – Use desiccants like silica gels to remove the excess humidity and moisture in your seed jar. Put them inside the jar with your Ziploc seed bags and tightly seal the container. The desiccant should never come in direct contact with the heirloom seeds—hence the reason for using plastic bags. Remember to change the desiccant every six months as well.

- **Heat** – Aside from moisture, heat is one of the worst enemies of seed storage. Never expose the seeds to any kind of heat because it will shorten their viability.
- **Light** – The best place to store your seeds is in the darkest, driest and coolest part of your house. The refrigerator is a good option. Simply put your glass jars in the fridge for long-term storage, but never take them out unless you're ready to plant them.
- Once you're ready to use the seeds, take the jars out from the refrigerator but don't remove their lids just yet. Wait until the seeds have adjusted to room temperature so you can prevent moisture from clumping the seeds together.
- Label and date your heirloom seed containers. This way, you can instantly tell which is which and how old they are. It's also a good idea to organize the seeds according to the season they were harvested for easy tracking.

Note that heirloom seeds have different shelf lives depending on their variety. For instance, corn might only be viable for a year while cantaloupes can go up to five years—which is why you'll have to keep planting and saving the seeds from your crops if you want a continuous supply of quality heirloom seeds.

So those are the best storing tips for preserving your heirloom seeds. Follow them properly so you can effectively save and store your seeds for future use.

Thank You!



Once again, we at Home and Garden America would like to thank you for your purchase. We hope you will find all the information here to be useful for your home garden. If you have inquiries or need help on your heirloom seeds pack, please don't hesitate to contact us at:

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P.O. Box 4363

Carson City, NV 89702

888-582-6650

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