

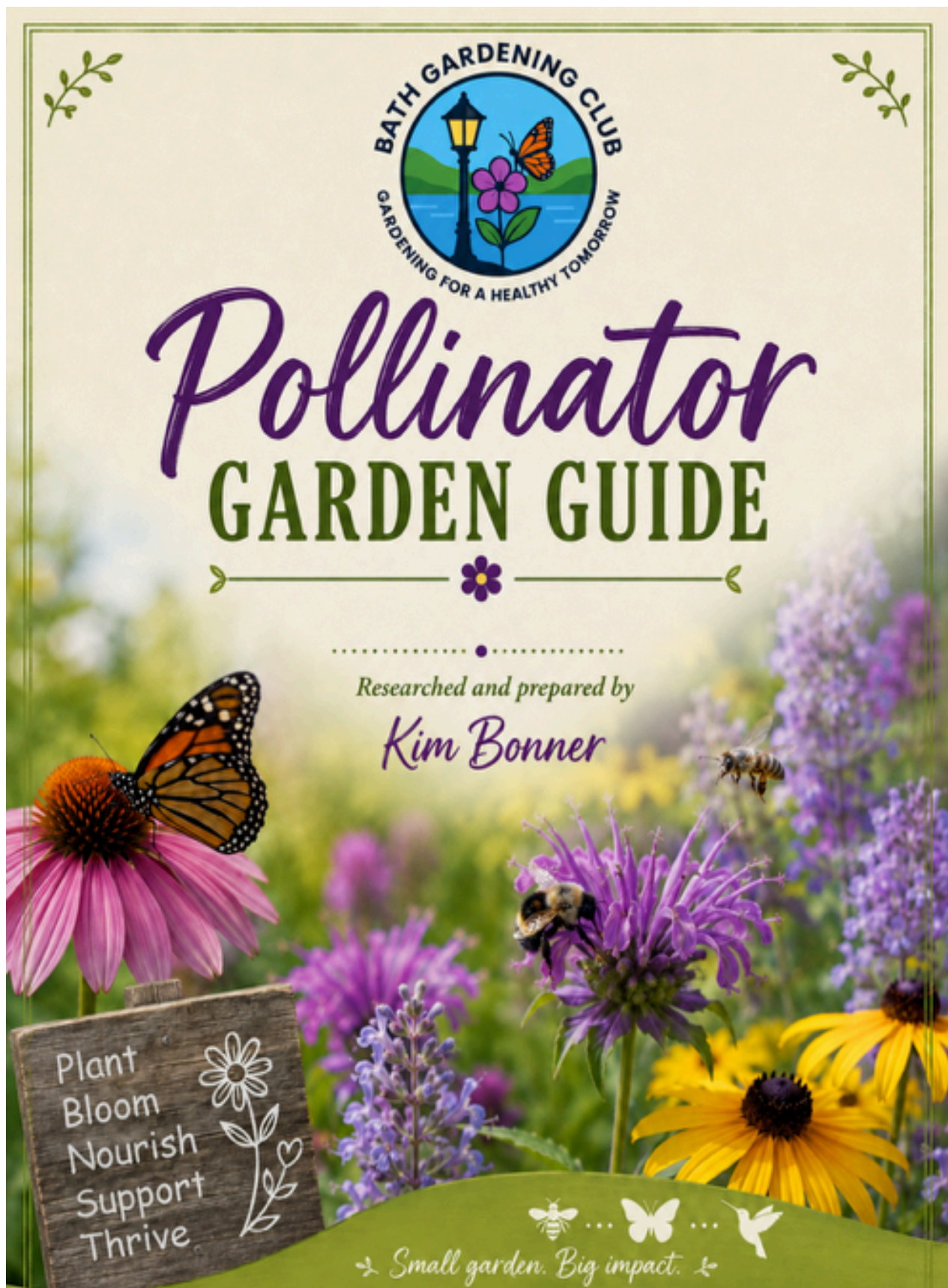


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Introduction

Be sure to check out our website (bathgardeningclub.ca), our Facebook page (Bath Gardening and Horticultural Society) and the Sunday Market in Bath (<https://sundaymarketinbath.com>).

Purpose

- The purpose of this guide is to provide BGC volunteers with a guide for weeding, dividing, watering and maintaining the garden. Thanks to all the volunteers who care for it!

Guiding principles for the Pollinator Garden:

- Stocked with plants that are beneficial to pollinators by providing pollen and nectar, hosting caterpillars, and/or supplying nesting sites.
 - Most in this guide are native (denoted by ) but there is a sprinkling of non-native plants that provide pollinator support
 - While most are perennials, this guide also includes several beneficial herbs, annuals, grasses and trees
- Supports a variety of pollinators – bees, wasps, butterflies, moths, hoverflies, hummingbirds, beetles, and other beneficial insects

If you'd like to see which pollinators prefer which plant, see **Pollinator Plant Preferences** in Appendix F.

- Supports pollinators through all 4 seasons:
 - plants that bloom at various intervals, providing pollen and nectar throughout the growing season
 - plants with various heights, colours and scents, to attract a range of pollinators
 - plants that host pollinators' larvae and caterpillars
 - plant material that provides protected places for overwintering

See Appendix C for a simple guide to **Designing your own Pollinator Garden!**

- No use of toxic herbicides, pesticides or fungicides

- When sourcing plant material for the garden, ensure it is labelled "neonic-free" (neonicotinoid insecticides are toxic to bees and other pollinators)
- Avoid mulch, which prevents solitary bees from making nests... if you do use mulch then please provide a patch of sandy soil for ground-nesting bees.
- Is a habitat first and a garden second when it comes to maintenance activities, e.g.
 - leaving last season's plant stalks in place to provide nesting cavities for bees
 - waiting until after the blossoms on apple trees in the area fade as an indicator to start spring maintenance activities

Resources:

See Appendix A for a list of web sites that were consulted in the preparation of this document.

Plant Maintenance Schedule:

See Appendix B for a summary of garden maintenance activities for each plant, organized by season.

How to Sow Seeds

Native seeds can be sown in either spring or late fall. Spring sowing works best after the danger of hard frost has passed, while late fall sowing lets nature provide the cold, damp conditions many native seeds need to germinate. See Appendix D for more info.

How to Harvest Seeds for More Flowers

Harvest seeds when the flower heads have dried and seeds come away easily. Collect them on a dry day, remove excess plant material, and let them finish drying indoors before storing in a cool, dry place until planting time. See Appendix E and individual flower descriptions for instructions on how to harvest seeds.

Version Control

Added instructions for sowing and harvesting seeds in each flower description

Added Appendix C – How to Design your own Pollinator Garden

Added Appendix D – How to Sow Seeds

Added Appendix E – How to Harvest Seeds

Added Appendix F - Pollinator Plant Preferences

Added Wild Strawberry to inventory

Version	Date	Author	Changes
1.6	August 2026	Kim Bonner	Added American Basswood Tree, Gray Dogwood Shrub, Calendula, Gaura, Globe Allium, Ninebark, Lambs Ear
1.5	May2026	Kim Bonner	- Added instructions for sowing and harvesting seeds - Added Appendix C – How to Design your own Pollinator Garden - Added Appendix D – How to Sow Seeds - Added Appendix E – How to Harvest Seeds - Added Appendix F - Pollinator Plant Preferences - Added Wild Strawberry to inventory
1.4	April 2026	Kim Bonner	- Replaced most of the Wikipedia-sourced plant photos from with ones taken in our club's Pollinator Garden - Added club's new logo - Added hoverfly icon - Added Blanket Flower, Red Columbine, Bleeding Heart, Common Milkweed, Ruby Summersweet, and Eastern Redbud to inventory - Added a pollinator-safe recipe in the Black-Eyed Susan profile for controlling leaf spot - Added info to the 3 types of milkweed plants on how to treat milkweed aphids.
1.3	12-Apr-2025	Kim Bonner	Corrected punctuation, typographical errors and formatting issues
1.2	8-Apr-2025	Kim Bonner	- In the Introduction, clarified that there are both native and non-native plants in the garden. - Added a comment to the Introduction section that purchased plant material should be "neonic-free", which is toxic to pollinators. - Added a Maintenance Schedule in Appendix B, with activities organized by spring, summer, and fall - Added Little Bluestem and Serviceberry, False Indigo

			• Added more Wildlife icons– is a fragrant flower, is enjoyed by moths, is a native plant, provides overwintering habitat, rabbits are fond of it, annual. Added a legend for the icons • Added the Wikimedia licensing info to photo credits. • Noted that as of April 4, 2025, all permissions had been received from the sources in the References section. • Included a pollinator-safe recipe in Bergamot and Zinnia profiles for eradicating mildew. • Noted that Swamp Rose Mallow, Purple Coneflower and Autumn Joy Sedum also have pithy/hollow stems for stem-nesting bees.
1.1	6-Feb-2025	Kim Bonner	Fixed pagination issues
1.0	1-Feb-2025	Kim Bonner	Issued

Pollinator Garden Plan

In 2021, Pat Haslett, a former master gardener, drew up a plan for our pollinator garden using mostly native plants. The plants were carefully selected to attract a wide range of pollinators by considering colour, fragrance, bloom time and height.

In the spring of 2024, an inventory was taken. 10 plants were restocked, bringing it back to its full complement of 25 varieties when it was first established. In addition, some relocation activity took place:

- Relocated plants susceptible to mildew in an area with more access to air and light
- Moved delicate plants away from enthusiastic growers
- Installed chicken wire cages around plants that rabbits find particularly tasty
- Began eradicating non-native, invasive woundwort

On the next page, you'll find the most recent layout of the Pollinator Garden¹. The numbers next to the plants correspond to the numbers on the lovely pallet art situated at the north end of the garden, which was painted by Bonnie Freidenberg. The plants in this document are ordered by their assigned number on the pallet art.

The blue drops of water on the diagram layout indicate how much water the plant requires:

- 1 drop – water sparingly
- 2 drops – light watering, when the soil is dry
- 3 drops – deep watering, 2-3 times a week when temperatures are hot

A note to the watering team: please remember to replenish the water in the butterfly puddler and bee waterer, which are located at the west end of the garden.

¹



Plant Inventory

Legend

In the plant descriptions that follow, you'll see some icons under the Wildlife subheading, which have the following meanings:



Bees love it



Butterflies love it



Hoverflies love it



Moths love it



Hummingbirds love it



Wasps love it



Beetles love it



Amphibian shelter



Is a fragrant flower



Hosts butterfly and/or moth larvae



Birds enjoy the seeds



Is a Native plant



Provides overwintering habitat



Rabbits find these plants particularly tasty

A

Annual (assume all others are perennials)

Wild Geranium (1)

Bot. Name	Geranium sp	Sun Exposure	Sun to Partial Shade
Mature Size	1-1.5 m H x 0.5-1 m W	Flower Colour	Blue
Bloom Time	April to June		

Watering Instructions: Water weekly, but only at root level to prevent fungal disease.

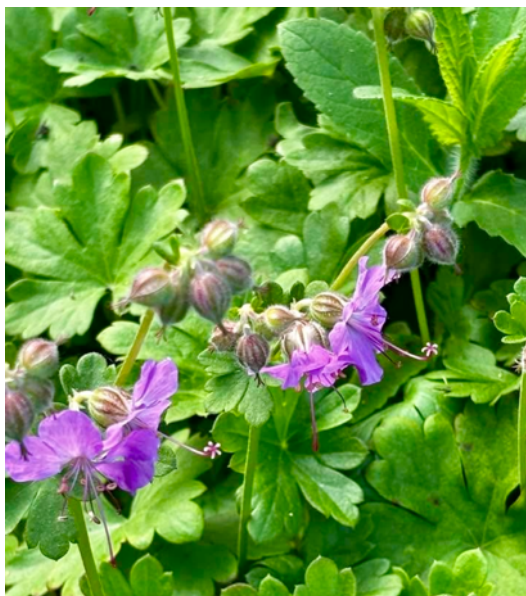
Spring Maintenance: Apply compost.

Summer Maintenance: After flowering, shear the plants back to basal growth (7-12 cm) to encourage reblooming.

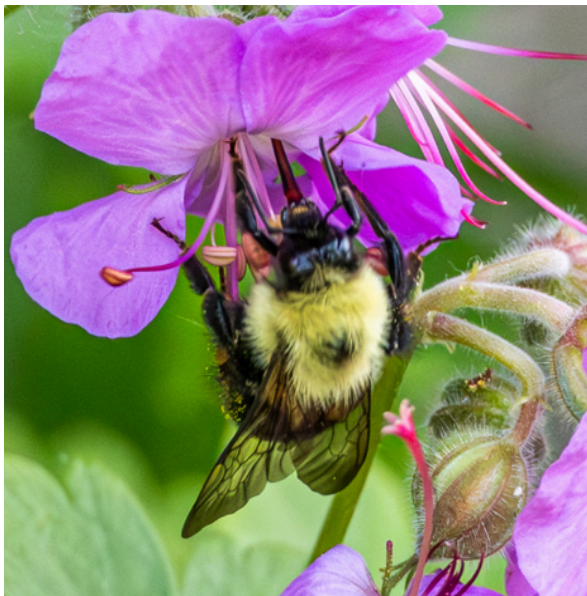
Fall/Winter Maintenance: As winter approaches, cut off stems to just above ground level to eliminate fungal spores. If the centre is dying out, then it's time to divide into halves or quarters using a sharp spade.

Sow seeds in late fall to early winter by planting them 3 to 6 mm deep in moist, well-drained soil. **Harvest** the beak-like seed pods when they turn brown or black, usually in mid-to-late June.

Wildlife:  



Wild Geranium Plant
Photo by Kim Bonner



Two-spotted Bumblebee
Photo by Don Taylor

Common Milkweed (2)

Bot. Name Asclepias incarnata
Mature Size 0.5-1.5 m H x .6-.9 m W
Bloom Time June to August

Sun Exposure Full Sun
Flower Colour Pink

Watering Instructions: Moist to wet

Spring Maintenance: No fertilizing required. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble.

Summer Maintenance: To prolong blooming period, deadhead spent milkweed flower heads in early summer. If aphids take hold, squish them by placing affected parts of the milkweed plant between thumb and forefinger and drag along the stem and/or snip off heavily infested leaves and stems.

Fall/Winter Maintenance: Their hollow stems are used by nesting bees, so leave the stems in place. Leave some seed heads for the birds and small animals. This plant does not like to be moved or divided due to its long taproot.

Sow seeds outdoors in fall by scattering them on moist, sunny soil and covering lightly with 6mm of soil. **Harvest** seeds in October when pods turn brown, dry, and begin to split open. Cut pods using scissors or shears.

Wildlife:          



Swamp milkweed plant
Photos by Kim Bonner



Western Honeybee & Small Milkweed Bug

Swamp Rose Mallow (3)

Bot. Name Hibiscus moscheutos

Mature Size 1-2 m H x 0.5-1.5 m W

Bloom Time Summer to fall

Sun Exposure Full Sun

Flower Colour Pink

Watering Instructions: Once the plant is actively growing, it needs a deep watering two or three times per week during hot weather.

Spring Maintenance: Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble. Pinch back growing tips when they reach 20 cm and again at 30 cm if bushy plants are desired.

Summer Maintenance: Apply fertilizer monthly during the growing season.

Fall/Winter Maintenance: Their hollow stems are used by nesting bees, so leave the stems in place.

Sow seeds outdoors in late fall/spring. Nick the seeds with a file, soak in water for 24 hours, and plant 1.5 – 3mm deep in moist, well-draining soil. To **harvest**, gather brown seed pods in late summer, when they begin to crack open. Cut the pods, dry indoors for a few days, then remove the dark brown/black, lumpy seeds.

Wildlife: 🦋 🐝 🐛 🍁 🐇



Swamp Rose Mallow Plant
Photos by Kim Bonner



Common Eastern Bumblebee

Sundrops (4)

Bot. Name Oenothera fruticosa
Mature Size 0.6 m H x 0.6 m W
Bloom Time May June

Sun Exposure Sun to Partial Shade
Flower Colour Yellow

Watering Instructions: Water sparingly

Spring Maintenance: None

Summer Maintenance: None, except to remove plants that have spread outside of desired area.

Fall/Winter Maintenance: Leave seedheads in place for overwintering birds.

Sow seeds in early spring/autumn by sowing on the surface of well-drained soil, barely covering them as they need light to germinate. **Harvest** seeds in fall by collecting dried, brown, and partially opened seed pods, rubbing or shaking them to release the tiny dark seeds.

Wildlife: 



Sundrops Plant
Photos by Kim Bonner



Bicolored Striped Sweat Bee

New England Aster (5)

Bot. Name	Symphyotrichum novae-angliae		
Mature Size	1-2 m H x 0.5 to 1 m W	Sun Exposure	Sun to Partial Shade
Bloom Time	September to October	Flower Colour	Purple

Watering Instructions: Water only when rainfall doesn't reach 2.5 cm per week.

Spring Maintenance: Add compost. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble.

Summer Maintenance: Pinching back stems every few weeks will promote more compact growth but stop before end of July.

Fall/Winter Maintenance: Remove seedheads to prevent self-seeding – except for a few for overwintering birds - but leave tall pithy stems in place for nesting bees. Divide when needed by sectioning off stems to make 15 – 20 cm diameter divisions with a group of leaves and roots.

Surface-sow seeds in late fall on moist, well-draining soil, barely covering them as they need light to germinate. **Harvest** seeds about 4 weeks after blooming when flower heads turn brown, dry, and become very fluffy.

Wildlife:        



New England Aster
Photos by Kim Bonner



Common Eastern Bumblebee



Ambush Bug

Ohio Goldenrod (6)

Bot. Name Solidago ohioensis
Mature Size 1 m H x 0.5 m W
Bloom Time August to Sept

Sun Exposure Full Sun
Flower Colour Yellow

Watering Instructions: Mature goldenrod plants are drought tolerant and rarely need supplemental watering except when rainfall is scarce.

Spring Maintenance: Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble. Does not need to be fertilized.

Summer Maintenance: Deadheading spent flower heads will prolong blooms.

Fall/Winter Maintenance: Leave tall pithy stems in place for nesting bees. Leave a few seed heads for overwintering birds. Divide every 2 to 5 years as needed.

Sow seeds on the surface of well-drained soil in late fall, in full sun, pressing them lightly into the soil but leaving them uncovered as they need light to germinate.

Harvest seeds in late fall when the bright yellow flowers turn brown and transition into fluffy, dry, beige-tan plumes.

Wildlife:       



Hairy-banded Miner Bee
Photo by Kim Bonner



Goldenrod Soldier Beetle
Photo by Don Taylor

Prairie Coneflower (7)

Bot. Name Ratibida columnifera

Mature Size 1 m H x -.5 m W

Bloom Time Summer to Fall

Sun Exposure Full Sun

Flower Colour Yellow

Watering Instructions: Water deeply but infrequently to avoid root rot. Avoid getting the leaves wet.

Spring Maintenance: Cut back in early spring.

Summer Maintenance: None

Fall/Winter Maintenance: Leave seedheads to ripen for winter birds. Divide every few years in spring or fall by cutting the root mass into 2-3 pieces.

Sow seeds in late fall by broadcasting over the soil and lightly raking. Do not bury them deep, as they need light to germinate. **Harvest** seeds in late summer by selecting dried, brown, and brittle seed heads, stripping seeds from the stalk.

Wildlife:       



Prairie Coneflower Plant
Photos by Kim Bonner

Prairie Coneflower Plant

Margined Calligrapher Hover Fly

Wild Bergamot (8)

Bot. Name	Monarda fistulosa	Sun Exposure	Sun to Partial Sun
Mature Size	0.5 to 1 m H x 0.5 to 1 m W	Flower Colour	Pink
Bloom Time	July to September		

Watering Instructions: Water deeply but infrequently to avoid root rot. To avoid powdery mildew, do not get water on the leaves and flowers.

Spring Maintenance: Add compost in early spring, if desired. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble. It also needs good air circulation, or it can get powdery mildew. If mildew occurs, spray plants with a 40/60 ratio of milk to water on a sunny day.

Summer Maintenance: Deadhead first set of blooms to encourage rebloom.

Fall/Winter Maintenance: Leave some seedheads to ripen for winter birds and remove the rest, leaving the tall hollow stems for use by nesting bees. Divide every 2-3 years to maintain its vigor.

Sow seeds in late fall by spreading over soil and lightly raking them in. Do not bury them deep, as they need light to germinate. **Harvest** seeds in fall by cutting fully dried, brown/black seed heads. Rub central cone to release pointed seeds.

Wildlife: 



Wild bergamot plant
Photos by Kim Bonner



Metallic green sweat bee



Plant bug

Chives (9)

Bot. Name	Allium sp	Sun Exposure	Full Sun to Part Shade
Mature Size	0.5 m H x 0.5 m W	Flower Colour	Purple
Bloom Time	Spring to Summer		

Watering Instructions: Water when the top 1 cm of soil is dry.

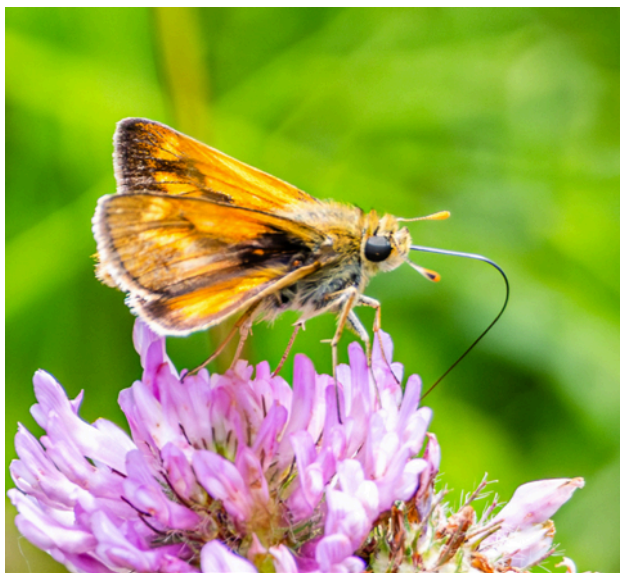
Spring Maintenance: Add compost.

Summer Maintenance: Once flowers have faded, cut plant down by half.

Fall/Winter Maintenance: Once dormant, cut back to ground level. Divide clumps as needed.

Sow seeds directly outdoors in early spring as soon as soil can be worked, in full sun to partial shade, 6mm deep. To **harvest**, once seed heads turn papery and dark, cut them off and rub them to release the black, crescent-shaped seeds.

Wildlife:     



Branded Grass Skipper Butterfly on Chives
Photo by Don Taylor

Lanceleaf Coreopsis (10)

Bot. Name Coreopsis lanceolata
Mature Size up to 1 m H x 0.5 m W
Bloom Time May to August

Sun Exposure Full Sun
Flower Colour Yellow

Watering Instructions: Drought tolerant. Moist to Dry. Keep the soil moist to a depth of 2.5 cm.

Spring Maintenance: Cut back to 15 cm high in spring before new growth begins. This plant does not require fertilizer.

Summer Maintenance: Deadheading spent blooms will help control self-seeding and encourage additional blooms. Cut back hard if plant becomes too sprawly. Divide if plant has weakened or has fewer flowers than usual.

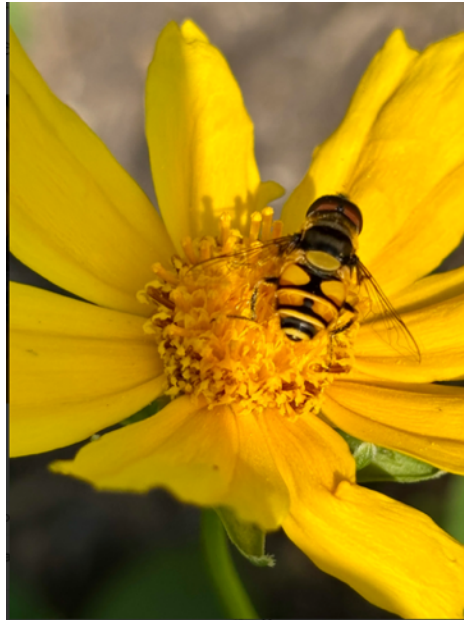
Fall/Winter Maintenance: None

Sow seeds in fall by lightly pressing them into the soil, as they require light to germinate. **Harvest** seeds by collecting brown, dry, and crispy seed heads. Rub the dry seed heads between your fingers to release the small, dark, flake-like seeds.

Wildlife:      



Lanceleaf Coreopsis Plant
Photos by Kim Bonner



Transverse-banded Flower Fly

Anise Hyssop (11)

Bot. Name	Agastache foeniculum	Sun Exposure	Full Sun
Mature Size	0.5-1.5 m H x 0.5-m W	Flower Colour	Lavender
Bloom Time	Summer to Fall		

Watering Instructions: Drought tolerant, so probably don't need to be watered unless leaves start to droop.

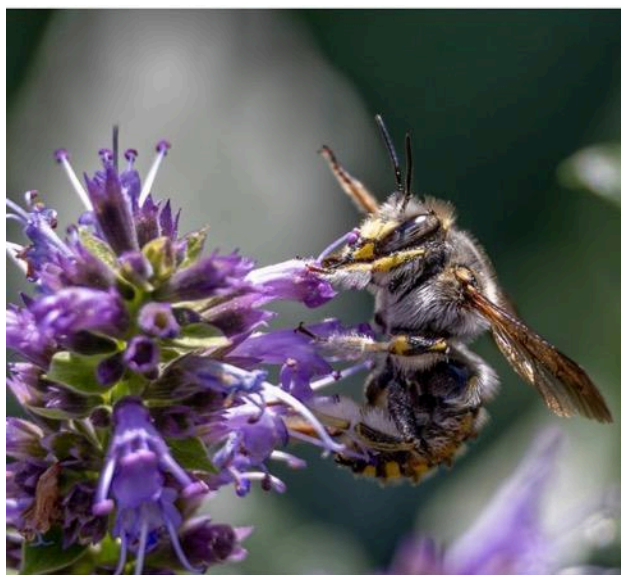
Spring Maintenance: Add compost. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities. New growth will gradually hide the stem stubble.

Summer Maintenance: Prune deeply after 1st flush to 1/3 of plant height.

Fall/Winter Maintenance: Deadhead blooms to prevent prolific self-seeding but leave the tall hollow stems in place for use by nesting bees. Water well just before it dies back in fall. Dividing anise hyssop every 3-5 years can help prevent the center of the plant from dying out and rejuvenate the entire plant.

Sow seeds outdoors in early spring or late fall by scattering them on the soil surface. Because they need light to germinate, barely cover with soil. **Harvest** dried, brown flower spikes in late summer when seeds fall out easily. Gently rub the dried flower heads to catch the tiny, black seeds.

Wildlife:    



European Wool Carder Bee (non-native)
Photos by Don Taylor



Cabbage White Butterfly

Purple Coneflower (12)

Bot. Name	Echinacea purpurea	Sun Exposure	Full Sun
Mature Size	0.5-1.5 m H x up 0.5 m W	Flower Colour	Pinkish purple
Bloom Time	June to August		

Watering Instructions: When the top inch of soil is dry, water thoroughly.

Spring Maintenance: Add compost. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble.

Summer Maintenance: Deadheading spent flowers in June and July will keep the plant blooming all summer. Plant needs good air circulation so make sure it's not crowded. Thin out stems if needed.

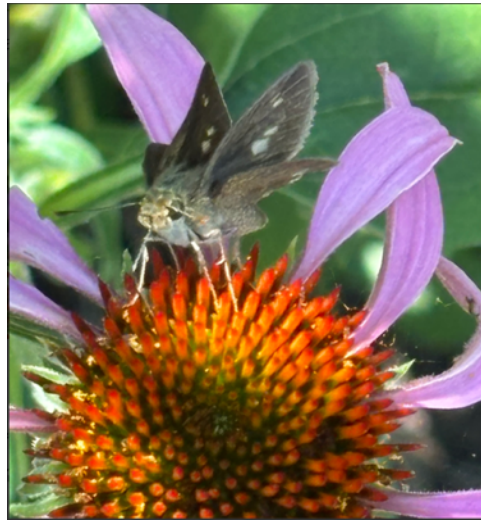
Fall/Winter Maintenance: Leave last set of spent flowers standing throughout the winter months to feed the birds. Leave the tall pithy stems in place for use by nesting bees. Divide by cutting the root mass into 2-3 pieces and replanting.

Sow seeds outdoors in early spring or late fall by scattering them on the soil surface. Because they need light to germinate, barely cover with soil. **Harvest** fully dried flower heads in late summer or fall.

Wildlife:        



Purple Coneflower Plant
Photo by Kim Bonner



Grass Skipper Butterfly
Photo by Kim Bonner

Great Spangled Fritillary
Photo by Dave Bryant

Garlic Chives (13)

Bot. Name	Allium sp	Sun Exposure	Full Sun
Mature Size	up to 0.5 m H x W	Flower Colour	White
Bloom Time	Spring to Summer		

Watering Instructions: Water when the top 1 cm of soil is dry.

Spring Maintenance: Add compost.

Summer Maintenance: Once flowers have faded, cut plant down by half.

Fall/Winter Maintenance: Once dormant, cut back to ground level. Divide clumps and replant as needed.

Sow seeds directly outdoors in early spring as soon as soil can be worked, in full sun to partial shade, 6mm deep. To **harvest**, once seed heads turn papery and dark, cut them off and rub them to release the black, crescent-shaped seeds.

Wildlife:    



Photo credit: https://commons.wikimedia.org/wiki/File:Allium_tuberosum_kz01.jpg

Krzysztof Ziarnik, Kenraiz, CC BY-SA 4.0 <<https://creativecommons.org/licenses/by-sa/4.0/>>, via Wikimedia Commons

Eastern Pasqueflower (14)

Bot. Name Pulsatilla patens
Mature Size up to 0.3 m H x W
Bloom Time April to June

Sun Exposure Full Sun
Flower Colour Red

Watering Instructions: Water at the base of plant. Does not like wet feet.

Spring Maintenance: Fertilize in spring, but don't overdo it. Cut back to the ground level before new growth emerges. The long tap root of Pasqueflower makes it difficult to move or divide.

Summer Maintenance: None

Fall/Winter Maintenance: Do not cut back. Dried seedheads and foliage add interest to the winter garden.

Sow seeds outdoors in fall by pressing them 3mm into damp soil that is light and sandy. **Harvest** the plumes when they are fully mature, dry, and easily separate from the stem.

Wildlife:   



Eastern Pasque Flower
Photos by Kim Bonner

Dill (15)

Bot. Name	Anethum sp	Sun Exposure	Full Sun
Mature Size	up to 1.5 m H x 1 m W	Flower Colour	Yellow
Bloom Time	Late summer to fall		

Watering Instructions: Water at the base. Plant does not like wet feet.

Spring Maintenance: No need to fertilize. Pluck buds and prune upper leaves for a bushier plant.

Summer Maintenance: Leave some flowers and seedheads for reseeding and deadhead the rest.

Fall/Winter Maintenance: Tidy up by cutting back stems after dormancy but leave some stalks with seedheads for reseeding.

Sow seeds outdoors in spring as soon as the soil can be worked in early spring. Cover with 6mm of soil. **Harvest** seeds in fall when they turn brown.

Wildlife:    



Dill Plant
Photo by Kim Bonner

Dense Blazing Star (16)

Bot. Name	Liatris spicata	Sun Exposure	Full Sun
Mature Size	up to 1.5 m H x 0.5 m W	Flower Colour	Purple
Bloom Time	July to November		

Watering Instructions: 2.5 cms of water per week

Spring Maintenance: Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble. Requires good air circulation.

Summer Maintenance: None

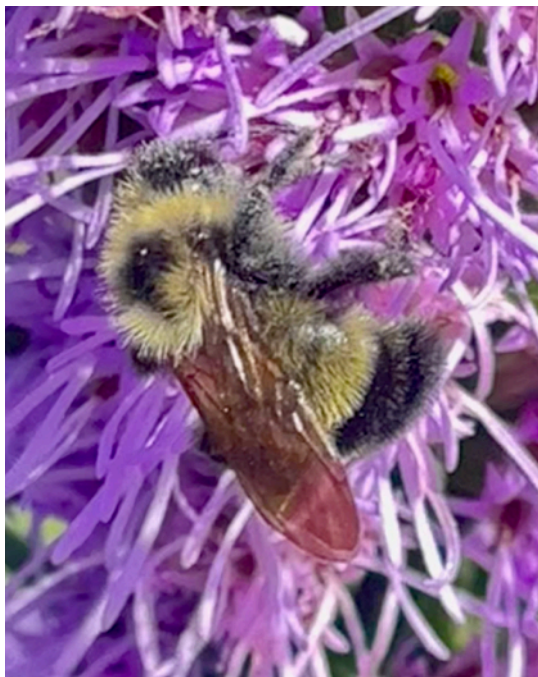
Fall/Winter Maintenance: Their pithy stems are used by nesting bees, and overwintering birds enjoy the seeds, so leave them in place. Divide if needed by digging up the root corms, separating them and replanting.

Sow seeds outdoors in late fall, covering them with 3 mm of soil. **Harvest** the dried heads in late summer, shaking them into a bag to collect the tiny, dark seeds attached to small, white feathery structures.

Wildlife:       



Common Eastern Bumblebee on Liatris
Photos by Kim Bonner



Lemon Cuckoo Bumblebee

Butterfly Weed (17)

Bot. Name	Asclepias tuberosa	Sun Exposure	Sun to Partial Shade
Mature Size	up to 1 m H x .5 m W	Flower Colour	Yellow Orange
Bloom Time	June to September		

Watering Instructions: Water mature plants sparingly when soil is dry.

Spring Maintenance: Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities. New growth will gradually hide the stem stubble. Do not fertilize.

Summer Maintenance: Deadhead spent milkweed flower heads in early summer by removing the stalk at the first junction of the leaves below the flower. If you see milkweed aphids, squish them and/or snip off heavily infested leaves and stems.

Fall/Winter Maintenance: Their hollow stems are used by nesting bees, so leave the stems in place. Leave a few seed heads for the birds and small animals who use their natural fibres and seed fluff in their nests.

Sow seeds outdoors in late fall by scattering on the soil surface. Because they need light to germinate, barely cover with soil. **Harvest** pods that are brown, papery, or dried-out. Strip the flat, teardrop-shaped seeds away from the silk.

Wildlife:         



Butterfly Weed Plant
Photos by Kim Bonner

Catmint (18)

Bot. Name	Nepeta sp	Sun Exposure	Full Sun to Part Shade
Mature Size	up to 1 m H x W	Flower Colour	Blue/purple
Bloom Time	Summer to Fall		

Watering Instructions: Drought tolerant so only water in extreme heat/dry spells. If leaves and flowers are drooping or brown, the plant needs water.

Spring Maintenance: Does not need to be fertilized.

Summer Maintenance: Once stems become leggy and flop open, give the plants a good cutting back which may result in a second bloom.

Fall/Winter Maintenance: Cut top growth down to 10-15 cm above the ground. To divide, dig up the plant in early spring or fall; break up clump into pieces, each with plenty of roots and shoot buds, and replant.

Direct **sow** in early spring once the soil is workable and frost danger has passed. Plant 3 to 6mm deep. To **harvest**, cut the dried seed heads, allow them to fully dry in a paper bag, and then shake them to release the seeds

Wildlife:   



Catmint Plant
Photo by Kim Bonner



Bicolor Striped Sweat Bee
Photo by Don Taylor

Foxglove Beardtongue (19)

Bot. Name Penstemon Digitalis

Mature Size 1.5 m t x 0.5 m W

Bloom Time May to July

Sun Exposure Sun to Partial Shade

Flower Colour White

Watering Instructions: 2.5 cm of water per week

Spring Maintenance: Fertilize.

Summer Maintenance: Remove individual stalks that have flowered at the soil line unless you want the plant to self-seed.

Fall/Winter Maintenance: Does not like to be wet in winter. Leave seedheads in place for overwintering birds. Divide clumps as needed and replant.

Surface **sow** in late fall, spreading them over the surface of the soil. To **harvest**, collect seed pods after turning brown, removing the tiny black seeds.

Wildlife:     



Bumblebee on Foxglove Beardtongue
Photos by Kim Bonner



Bicolored Sweat Bee

False Sunflower (20)

Bot. Name Heliopsis helianthoides

Mature Size 1-2 m H x 1 m W

Bloom Time July to October

Sun Exposure Full Sun

Flower Colour Yellow

Watering Instructions: These plants like to be kept consistently moist.

Spring Maintenance: Does not need to be fertilized. If desired, prune or pinch them back in mid-spring for a shorter sturdier plant.

Summer Maintenance: Deadheading spent flowers will keep new buds forming and give the plant a tidier appearance.

Fall/Winter Maintenance: In mid fall after plant has stopped blooming, remove seedheads to reduce self-seeding. Leave stems in place to provide winter cover to pollinators. Every 2 years, divide by cutting plant apart into halves or thirds and replanting.

Direct **sow** seeds outdoors in early spring or fall, planting them 6 to 12 mm deep.

Harvest in late summer to autumn when flower heads are brown, dry, and crisp, with petals fallen away. Rub the dried seed heads to release the seeds.

Wildlife:    



False Sunflower Plant
Photos by Kim Bonner



Common Flower Fly

Virginia Spiderwort (21)

Bot. Name Tradescantia virginiana
Mature Size up to 1 m H x 0.5 m W
Bloom Time May to July

Sun Exposure Full Sun
Flower Colour Pink

Watering Instructions: Water every few days during the hot summer months. If stems or leaves turn yellow, it's getting too much water.

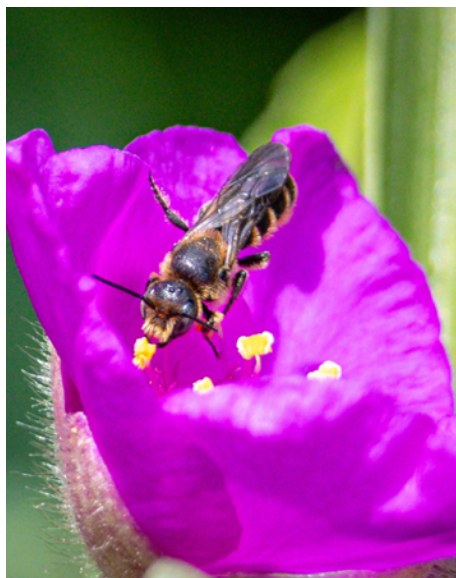
Spring Maintenance: Fertilize once in spring.

Summer Maintenance: Stems should be trimmed back hard when blooming ends to 20-30 cm tall to encourage repeat blooms.

Fall/Winter Maintenance: At the end of fall, water well before the ground freezes. Every 2-3 years, divide the clump by splitting it into pieces that contain 4 to 6 shoots each with the roots attached and replant.

Sow in late fall by pressing the seeds into the soil rather than burying them deeply, as they need some light to germinate. **Harvest** seed pods when they're brown and dried. Shake or gently crush the seed pods to release the small black seeds.

Wildlife:    



Scissor Bee on Spiderwort
Photo by Don Taylor



Reddish-checked Beetle
Photo by Kim Bonner



Bicolored Sweat Bee
Photo by Kim Bonner

Autumn Joy Sedum (22)

Bot. Name Sedum 'Herbstfreude'

Mature Size 0.5 m H x W

Bloom Time Summer to Fall

Sun Exposure Full Sun

Flower Colour Pink, Red

Watering Instructions: Light watering once every 1 – 2 weeks. More frequent watering may cause root rot.

Spring Maintenance: Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble. Do not fertilize.

Summer Maintenance: None

Fall/Winter Maintenance: Do not cut back. Leave the dried flowerheads in place for the birds to feed on over the winter and the tall pithy stems in place for use by nesting bees in spring. Every 3-4 years, just as new growth begins to appear, divide each clump into sections with a sharp knife. Each division should contain several shoots and a portion of the root system.

Wildlife: 



Brown-Belted Bumblebee on Sedum
Photos by Kim Bonner



Flat-Tailed Leafcutter Bee



Braconid Wasp

Prairie Smoke (23)

Bot. Name	Geum triflorum	Sun Exposure	Full Sun
Mature Size	0.5 m H x W	Flower Colour	Pink to Maroon
Bloom Time	Spring to early Summer		

Watering Instructions: Water once a week if not receiving enough water from rainfall.

Spring Maintenance: Does not tolerate competition from other plants. Fertilize when new growth begins.

Summer Maintenance: Stalks can be cut back after the flowers are spent to tidy up the plant's appearance. Divide by root division when needed and replant.

Fall/Winter Maintenance: Does not like to be wet in the winter.

Sow seeds on the soil surface in late fall barely covering them, as they require light to germinate. To **harvest**, collect the feathery, dried seed heads in late spring to early summer. The seeds are ready when the pinkish, wispy plumes turn tan or grayish and detach easily from the plant.

Wildlife:    esp. bumblebee queens



Prairie Smoke
Photos by Kim Bonner



2=Spotted Bumblebee queen

Smooth Blue Aster (24)

Bot. Name Symphyotrichum laeve
Mature Size 0.5-1.5 m H x W
Bloom Time August to November

Sun Exposure Full Sun to Part Shade
Flower Colour Pale Purple

Watering Instructions: Dry

Spring Maintenance: Add compost. Does not like to be overcrowded so make sure it has room.

Summer Maintenance: Cut back to 1/3 of height once or twice in early summer to promote bushier growth and more blooms.

Fall/Winter Maintenance: Leave the seedheads for birds to enjoy over the winter. Move or divide when needed, just as plants start to grow, by creating 15-20 cm diameter divisions with a group of leaves and roots.

Sow seeds outdoors in late fall or early spring by scattering them on the soil surface, as they need light to germinate. To **harvest**, collect flower heads when they turn brown, dry, and "fluffy" like small dandelions. Gently rub the seeds loose.

Wildlife:       



Photo credit: [https://commons.wikimedia.org/wiki/File:Symphyotrichum_laeve_93797924_\(cropped\).jpg](https://commons.wikimedia.org/wiki/File:Symphyotrichum_laeve_93797924_(cropped).jpg)
Kathleen Houlahan Chayer, CCo, via Wikimedia Commons

Little Bluestem Grass (25)

Bot. Name	Schizachyrium scoparium	Sun Exposure	Full Sun
Mature Size	1.5 m H x .6 m W	Flower Colour	N/A
Bloom Time	Summer, Fall		

Watering Instructions: Water lightly on a weekly basis. Do not overwater.

Spring Maintenance: Do not fertilize. Cut back after the apple blossoms fade to allow time for bumblebees to emerge in spring.

Summer Maintenance: None

Fall/Winter Maintenance: Do not cut back in the fall. Leave in place for overwintering bumblebees. To divide, cut the clump into 2-3 sections with a good number of roots and then replant.

Sow seeds outdoors in early spring or late fall, covering lightly with about 3 to 6mm of soil. Ensure good seed-to-soil contact as seeds need firm ground to establish. To **harvest**, collect seeds in late fall when they are dry, fluffy, and easily detach from the stem.

Wildlife:     



Little Bluestem Grass
Photo by Kim Bonner



Hickory Tussock Moth
Photo by Carol Cartier

Black-eyed Susan (26)

Bot. Name Rudbeckia hirta
Mature Size 1 m H x 0.5 m W
Bloom Time Summer to Fall

Sun Exposure Sun to Partial Sun
Flower Colour Yellow

Watering Instructions: Moist to dry. Water from the base weekly, or more frequently during dry periods, especially if the plant is drooping.

Spring Maintenance: Apply light dressing of compost. Does not like to be overcrowded.

Summer Maintenance: If you see small, dark, often circular or angular spots on leaves, this is leaf spot. Remove the discoloured leaves and spray with a solution one teaspoon of baking soda in a quart of water, plus a few drops of liquid soap to help it adhere to the leaves. Thoroughly spray the foliage, ensuring both upper and lower surfaces are covered

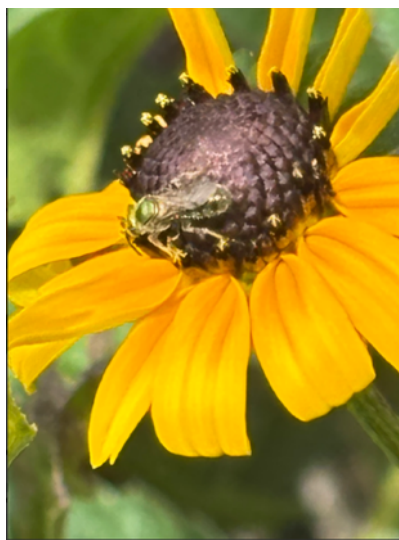
Fall/Winter Maintenance: Leave some dried seedheads on the plants for the overwintering birds to enjoy. Divide by cutting the root ball in 2 and replant.

Sow seeds outdoors in spring/fall by scattering them, then pressing lightly into the soil surface. **Harvest** seeds in late summer/fall when flower heads are brown, dry, and crisp. Shake or rub them to remove seeds from chaff.

Wildlife:           



Black-Eyed Susan Plant
Photos by Kim Bonner



Augochlorine Sweat Bee

Serviceberry (27)

Bot. Name Amelanchier sp
Mature Size up to 7 m H
Bloom Time April

Sun Exposure Sun to Partial Shade
Flower Colour White

Watering Instructions: Moist.

Spring Maintenance: Apply general-purpose fertilizer before growth starts. Remove dead or damaged branches.

Summer Maintenance: Apply/top-up mulch 5 cm deep around base to retain moisture but keep it 30-45 cms from the trunk. Water when top 8-10 cms of soil feels dry.

Fall/Winter Maintenance: Provide consistent watering through the fall, but less frequently than in the growing season.

Wildlife:      



Serviceberry Tree
Photos by Kim Bonner

False Indigo (28)

Bot. Name	Baptisia Australis	Sun Exposure	Full Sun
Mature Size	about 1 m H x W	Flower Colour	Blue
Bloom Time	mid-May to mid-June		

Watering Instructions: Moist to dry. Drought tolerant once established.

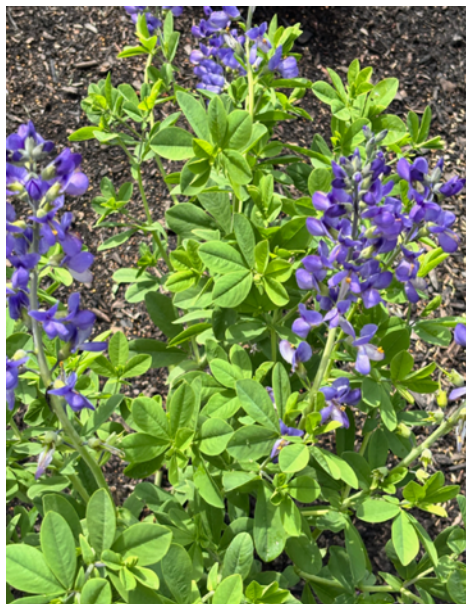
Spring Maintenance: No fertilizing needed. Cut back the old flowering stems to ground level now or in the fall after stems go black.

Summer Maintenance: Give it a modest shearing after flowering.

Fall/Winter Maintenance: No winterizing needed. Cut back the old flowering stems to ground level when the stems go black, or in the spring. Division is difficult and not advised.

Sow seeds outdoors in late fall/early winter. Plant seeds 6 to 12 mm deep. Rubbing seeds with sandpaper aids germination. To **harvest**, collect dry, black, rattling pods in late summer/fall. Dry them, then crack the pods open to release the hard, dark, kidney-shaped seeds.

Wildlife:     



False Indigo Plant
Photos by Kim Bonner



Golden Northern Bumblebee



Giant Swallowtail Butterfly

Common Milkweed (29)

Bot. Name	Asclepias syriaca		
Mature Size	1-1.5 m H x 30-90 cm W	Sun Exposure	Full Sun
Bloom Time	mid to late summer	Flower Colour	Pink purple

Watering Instructions: Requires minimal watering. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms, to provide nest cavities for bees. New growth will gradually hide the stem stubble.

Spring Maintenance: No need to fertilize.

Summer Maintenance: If you see milkweed aphids, squish them and/or snip off heavily infested leaves and stems.

Fall/Winter Maintenance: Their hollow stems are used by nesting bees, so leave in place. Leave seed heads for the birds and small animals who use their natural fibres and seed fluff in their nests. This plant does not like to be moved or divided due to its long taproot.

Sow common milkweed seeds directly outdoors in late fall by scattering and covering them with a light 6mm layer of soil. **Harvesting** seeds is best done in autumn when the pods turn brown and begin to split open. Pick the pod and remove the seeds from the silk/seed mass.

Wildlife:          



Common Milkweed Plant
Photos by Kim Bonner



Monarch Butterfly Caterpillar



7-Spotted Ladybugs

Blanket Flower (30)

Bot. Name	Gaillardia	Sun Exposure	Full Sun
Mature Size	1 m H x .6-1 m W	Flower Colour	Multi-coloured
Bloom Time	summer till frost		

Watering Instructions: Water once or twice a week. Avoid overwatering. Drought-tolerant once established.

Spring Maintenance: Does not require fertilizer.

Summer Maintenance: Remove spent flowers by pinching them off or using pruners to cut them back to a leaf node. This encourages the plant to focus on producing new flowers rather than seeds.

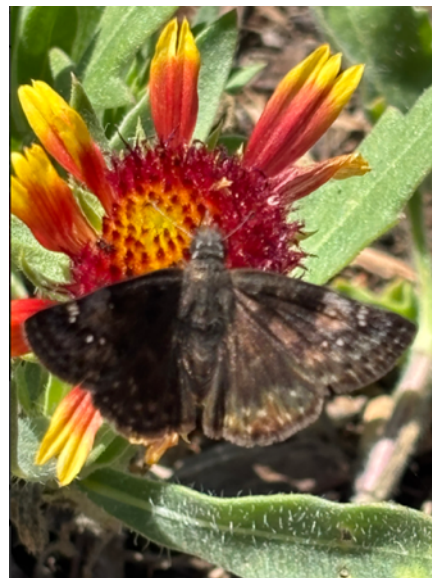
Fall/Winter Maintenance: Remove spent flowers, dead or damaged stems, and cut back the entire plant after flowering in late summer or early fall. Lightly mulch roots with compost.

Sow seeds outdoors in late fall. They need light to germinate and thrive, so lightly cover them with soil, 3 to 6mm deep. To **harvest**, wait for the flowers to fade, petals to drop, and the center to turn into a dry, brownish-white, papery "puffball". Rub seed heads to release the small, dark seeds.

Wildlife: 



Blanket Flower Plant
Photos by Kim Bonner



Indigo Duskywing Butterfly

Red Columbine (31)

Bot. Name Aquilegia canadensis
Mature Size 0.6 m H x .3 m W
Bloom Time spring

Sun Exposure Part Shade to Full Sun
Flower Colour Red and Yellow

Watering Instructions: Water deeply, about 2 cms of water per week, at the base to prevent mildew.

Spring Maintenance: Add some compost.

Summer Maintenance: Deadhead spent blooms. If you notice leaf miner damage, remove affected foliage, and the plant will likely produce new growth. If mildew occurs, spray plants with a 40/60 ratio of milk to water on a sunny day. If you see green, caterpillar-like larvae of sawflies, remove them and discard.

Fall/Winter Maintenance: After the growing season, remove any dead foliage and cut the stalks to the ground. Mulching around the plant's crown with leaves or compost can provide extra protection against winter cold and help with drainage.

Sow seeds by surface-sowing in late fall. Press into soil without covering them, as they need light to sprout. **Harvest** seed pods after they've turned brown. Cut the dry pods into a bag or tip them into your hand to catch the small, black seeds.

Wildlife:      



Red Columbine
Photos by Kim Bonner



Margined Calligrapher Fly

Bleeding Heart (32)

Bot. Name Dicentra spectabilis

Mature Size 1 m H x 1 m W

Bloom Time spring

Sun Exposure Part to Full Shade

Flower Colour Pink and white

Watering Instructions: Moderate. If leaves go yellow, reduce the amount of water.

Spring Maintenance: Add a little slow-release fertilizer if desired.

Summer Maintenance: If mildew occurs, spray plants with a 40/60 ratio of milk to water on a sunny day. May go dormant in the heat.

Fall/Winter Maintenance: Once the leaves have turned yellow, cut the leaves and stems back to 2.5 to 5 cms above the soil surface.

Wildlife:    



Bleeding Heart Plant
Photo by Kim Bonner

Eastern Redbud (33) – Minnesota Strain

Bot. Name	Cercis canadensis	Sun Exposure	Sun to Part Shade
Mature Size	4.5-9 m H x 7.5-10.5m W	Flower Colour	Pink, purple
Bloom Time	mid- to late spring		

Watering Instructions: Remove tree wrap, if used. Prefers moist soil, moderately drought tolerant once established.

Spring Maintenance: Generally, not needed.

Summer Maintenance: N/A

Fall/Winter Maintenance: Until the eastern redbud's bark hardens and becomes rough, use a commercial-grade tree wrap in the winter. Leave seeds for overwintering birds.

Wildlife:         



Eastern Redbud Tree
Photos by Kim Bonner



Common Eastern Bumblebee



Leafcutter Bee cutouts for nests

Ruby Summersweet (34)

Bot. Name	Clethra alnifolia	Sun Exposure	Sun to part shade
Mature Size	1-1.5 m H x 1.5-2.5 m W	Flower Colour	Pink
Bloom Time	mid- to late summer		

Watering Instructions: Prefers moist conditions.

Spring Maintenance: Pull back mulch from crown. Prune in late winter/early spring, before buds appear. Thin centre of plant for better air flow. Add slow-release shrub fertilizer.

Summer Maintenance: Check for spider mites. Blast them off with water.

Fall/Winter Maintenance: Add compost to increase soil acidity. Mulch around roots. Leave seeds for overwintering birds.

Wildlife: 



Honeybee on Ruby Spice Summersweet
Photo by Kim Bonner

Wild Strawberry (35)

Bot. Name	Fragaria virginiana	Sun Exposure	Sun to part shade
Mature Size	10-25 cm x H 30-60 cm W	Flower Colour	White, yellow centre
Bloom Time	April thru May		

Watering Instructions: While they are drought-tolerant once established, they need regular, deep watering during hot, dry periods.

Spring Maintenance: Clear dead foliage, thinning crowded patches to improve air circulation.

Summer Maintenance: N/A

Fall/Winter Maintenance: If patches are old and woody, lift, divide, and replant them.

Sow seeds by surface-sowing in late fall. Press into soil without covering them, as they need light to sprout. To **harvest**, pick fully ripe, red berries, drying them (either whole or sliced), and gently rub to separate the small seeds from the flesh.

Wildlife:            



Wild Strawberry Plant

Photo by Kim Bonner

American Basswood (36)

Bot. Name	Tilia americana	Sun Exposure	Full sun to part shade
Mature Size	18-37m H x 12-15m W	Flower Colour	Pale yellow
Bloom Time	Early summer		

Watering Instructions: Thirsty

Spring Maintenance: Apply a 3 to 4-inch layer of organic mulch around the base of the tree to lock in moisture.

Summer Maintenance: 2.5 cm of water every 7-10 days in very hot summers. Remove suckers from base of tree.

Fall/Winter Maintenance: Prune in late winter/early spring when needed.

Wildlife:         



American Basswood Tree

Photo by Kim Bonner

Gray Dogwood (37)

Bot. Name Cornus racemosa
Mature Size 2.5-4.5m H & W
Bloom Time Spring

Sun Exposure Full sun to full shade
Flower Colour White

Watering Instructions: Moderate. Drought-tolerant once established.

Spring Maintenance: N/A

Summer Maintenance: Do not prune during summer or it will bleed sap.

Fall/Winter Maintenance: Prune when needed in late winter or early spring before new buds push out.

Wildlife:



Gray Dogwood Shrub with Berries
Photo by Kim Bonner



Black-shouldered drone fly
Photo by Don Taylor

Calendula (38)

Bot. Name Calendula officinalis
Mature Size 30-60cm H & W
Bloom Time Spring to Fall

Sun Exposure Full sun to part shade
Flower Colour Bright Yellow

Watering Instructions: Water deeply and frequently.

Spring Maintenance: Pinch off spent blooms throughout the spring and summer.

Summer Maintenance: Pinch off spent blooms until late summer, when you should let the blossoms stay on the plant well after the petals fade.

Fall/Winter Maintenance: It will die back when the temperature turns cold. Leave it in place as it enriches the soil with biomass.

Sow seeds directly into the garden in February, as they thrive in cool temperatures. To **harvest**, wait for the flower petals to die and drop off. Once the green seed pod turns dry, papery, and brown, gently brush your fingers over it to release the curled, distinctively shaped seeds

Wildlife:



Calendula Plant

Photos by Kim Bonner



Eastern Black-headed Blister Beetle

Lamb's Ear (39)

Bot. Name	Stachys byzantina	Sun Exposure	Full sun to part shade
Mature Size	15-30cm H x 30-90cm W	Flower Colour	Pink, purple
Bloom Time	Late spring to mid-summer		

Watering Instructions: Water at soil level. Let soil dry out between waterings.

Spring Maintenance: In early spring, shear off any ragged, yellow, or dead winter-damaged leaves right down to the soil line to make room for fresh growth. Does not need fertilizing.

Summer Maintenance: if not interested in harvesting seeds, remove stalks after flowering has finished.

Fall/Winter Maintenance: Protect with mulch making sure not to cover the crown.

Sow seeds outdoors in mid-August through early September. Scatter them onto well-draining soil and press them in without covering them. Keep moist. To **harvest**, wait until the flower stalks turn brown, and then cut them to harvest the seeds. Put dried stems in a paper bag. Shake and squeeze the pods to release the tiny, black seeds.

Wildlife:



Lambs Ear Plant

Photo by Kim Bonner

Gaura (40)

Bot. Name	Oenothera lindheimeri Bantam	Sun Exposure	Full sun
Mature Size	30-50cm H x 60-100cm H	Flower Colour	Pink and white
Bloom Time	Late spring through fall		

Watering Instructions: Deeply but infrequently, allowing the top 5 cms of soil to dry out between waterings

Spring Maintenance: In late spring cut back the previous year's dead woody stems down to about 7 to 8 cm above the base. Add a light application of balanced, slow-release fertilizer.

Summer Maintenance: Cut back leggy stems by half after the first bloom cycle.

Fall/Winter Maintenance: Cut stems back by half their height. Apply a 5 cm layer of mulch to insulate the soil and prevent damaging freeze-and-thaw cycles.

Sow seeds outdoors in early autumn. Press them into the soil, keep them moist, and expect germination in 2 to 5 weeks. To **harvest**, pick the stalks when individual seed heads turn dry, crisp, and brown. Loosen seeds from the stalk.

Wildlife:



Gaura Plant

Photo by Kim Bonner

Globe Allium (41)

Bot. Name Allium Globemaster
Mature Size 70-100cm H x 25cm W
Bloom Time May - July

Sun Exposure Full sun
Flower Colour Deep Purple

Watering Instructions: Water when top 2-3 cms feel dry.

Spring Maintenance: Give them a low-nitrogen, balanced fertilizer as growth start.

Summer Maintenance: Let their leaves turn yellow and die back completely before you cut them.

Fall/Winter Maintenance: Cover the soil with light mulch.

Wildlife:



Globe Allium & Purple Coneflower
Photos by Kim Bonner



Two-Spotted Bumblebee

Ninebark (42)

Bot. Name	Physocarpus opulifolius 'Jefam'		
Mature Size	1.5-2m H x 1.2-1.8m W	Sun Exposure	Full sun
Bloom Time	Late spring-summer	Flower Colour	White to pale pink

Watering Instructions: Check the top 5 cms of soil with your finger. If the soil feels dry, apply 2 to 3 gallons of water slowly at the drip line.

Spring Maintenance: Add a 5 cm layer of mulch and a balanced, slow-acting tree and shrub fertilizer to boost your soil.

Summer Maintenance: Shape as needed but stop before mid-August to avoid removing next year's buds.

Fall/Winter Maintenance: Prune in late winter/early spring. Remove dead, diseased, or crossing branches. Cut the shrub back to the ground every few years to renew it.

Wildlife:



Mining bees on Ninebark flower

Photo by Kim Bonner

Appendix A - Resources

All required permissions were obtained as of April 7, 2025.

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Appendix B - Maintenance Schedule

Spring

- 1. Geranium – add compost.
- 2. Swamp Milkweed – cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 3. Swamp Rose Mallow – cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 4. Sundrops – nothing required.
- 5. New England Aster – add compost. Cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 6. Ohio Goldenrod – cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 7. Prairie Coneflower– cut back in early spring.
- 8. Wild Bergamot – add compost. Cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 9. Chives – Add compost.
- 10. Lanceleaf Coreopsis – cut back to 15 cm in spring before new growth begins.
- 11. Anise Hyssop – add compost. Cut back dead flower stalks leaving stem stubble of varying heights from 20 to 60 cms.
- 12. Purple Coneflower – add compost. Cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms.
- 13. Garlic Chives – add compost.
- 14. Eastern Pasqueflower – apply a light application of fertilizer. Cut back to ground before new growth emerges.
- 15. Dill - pluck buds and prune upper leaves for a bushier plant.
- 16. Dense Blazing Star – cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms.
- 17. Butterfly Milkweed – cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms.
- 18. Catmint – n/a
- 19. Foxglove Beardtongue – fertilize with compost.
- 20. False Sunflower – pinch in mid-spring for a sturdier plant.
- 21. Virginia Spiderwort – fertilize with compost.

- 22. Autumn Joy Sedum – cut back dead flower stalks leaving stem stubble of varying height, from 20 to 60 cms.
- 23. Prairie Smoke – fertilize when new growth begins. Make sure it isn't crowded by other plants.
- 24. Smooth Blue Aster- add compost.
- 25. Little Bluestem – cut back after apple blossoms in the area have faded.
- 26. Black-eyed Susan – add compost.
- 27. Serviceberry – fertilize before new growth starts.
- 28. False Indigo – cut back old flowering stems to ground level.
- 29. Zinnia – sow seeds/plant seedlings after danger of frost has passed.
- 31. Red Columbine – add some compost.
- 32. Bleeding Heart – add some compost.
- 33. Eastern Redbud – N/A
- 34. Summersweet - Pull back mulch from crown. Prune in late winter/early spring, before buds appear. Thin centre of plant for better air flow. Add slow-release shrub fertilizer.
- 35. Strawberry - Clear dead foliage, thinning crowded patches to improve air circulation.
- 35. Gaura - Cut back the previous year's dead woody stems down to about 7 to 8 cm above the base. Add a light application of balanced, slow-release fertilizer.
- 37. Gray Dogwood - Prune when needed in early spring before new buds push out.
- 39. Lamb's Ear - In early spring, shear off winter-damaged leaves right down to the soil line to make room for fresh growth.
- 41. Globe allium - Give them a low-nitrogen, balanced fertilizer as growth start
- 42. Ninebark - Add a 5 cm layer of mulch and a balanced, slow-acting tree and shrub fertilizer to boost your soil.

Summer

- 1. Geranium – after flowering, shear plants back to 7-12 cm to encourage reblooming.
- 2. Swamp Milkweed – deadhead spent flower heads in early summer to encourage reblooming.

- 3. Swamp Rose Mallow – pinch back growing tips when they reach 20 cm and again at 30 cm if bushy plants are desired. Fertilize monthly.
- 5. New England Aster – pinch back stems every few weeks but stop before end of July.
- 6. Ohio Goldenrod – deadheading spent flowers will prolong blooms into the fall.
- 8. Wild Bergamot – deadhead first set of faded blooms to encourage reblooming.
- 9. Chives – once flowers have faded, cut plant down by $\frac{1}{2}$.
- 10. Lanceleaf Coreopsis – deadhead spent blooms to control self-seeding. Cut back hard if too sprawly.
- 11. Anise Hyssop – prune to $\frac{1}{3}$ plant height after flowering.
- 12. Purple Coneflower – deadhead spent flowers in June and July. Thin out stems if needed for air circulation.
- 13. Garlic Chives – when flowers are faded cut down plant by half.
- 14. Eastern Pasqueflower – n/a.
- 15. Dill – Leave some flowers and seedheads for reseeding and deadhead the rest.
- 16. Dense Blazing Star – n/a.
- 17. Butterfly Milkweed – deadhead spent flower heads in early summer to encourage reblooming.
- 18. Catmint – once stems become leggy and flop open, give plants a good shearing for a 2nd bloom.
- 19. Foxglove Beardtongue – remove individual stalks that have flowered unless you want the plant to self-seed.
- 20. False Sunflower – deadheading spent flowers will keep new buds forming.
- 21. Virginia Spiderwort – when blooming finishes, cut back to 20-30 cms tall to encourage repeat blooming.
- 23. Prairie Smoke – cut stalks back after flowering. Divide by root division when needed.
- 24. Smooth Blue Aster – cut back to $\frac{1}{3}$ of height once or twice in the summer to promote more blooms.
- 25. Little Bluestem – none.

- 26. Black-eyed Susan – cut back after flowering to encourage reblooming. If you see black spots on the leaves, see the plant description on how to control it
- 27. Serviceberry – apply/top-up mulch 5 cm deep around base to retain moisture but keep it 30-45 cms from the trunk.
- 28. False Indigo – give it a modest shearing after flowering.
- 29. Zinnia – apply balanced fertilizer throughout the growing season.
- 30. Blanket Flower – deadhead spent blooms to encourage reflowering
- 31. Red Columbine – deadhead spent blooms. If needed, treat for mildew, remove leaves damaged by leaf miners, and dispose of sawfly larvae.
- 32. Bleeding Heart – treat for mildew, if needed.
- 33. Eastern Redbud – N/A
- 34. Summersweet – check for spider mites. Blast them with water.
- 35. Calendula - Pinch off spent blooms until late summer, when you should let the blossoms stay on the plant well after the petals fade.
- 41. Globe allium - Let their leaves turn yellow and die back completely before you cut them.
- 42. Ninebark - Shape as needed but stop before mid-August to avoid removing next year's buds.

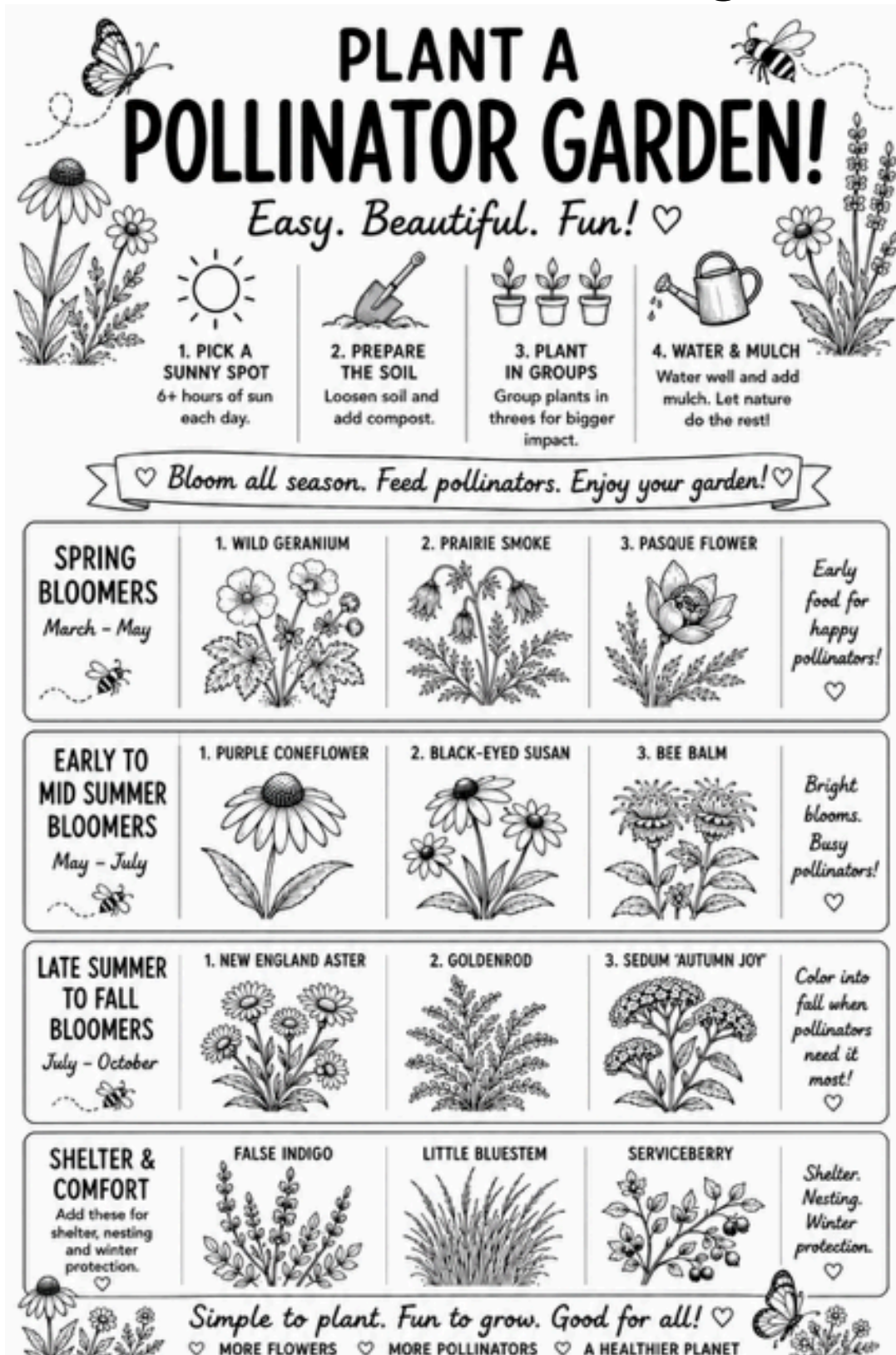
Late Fall

- 1. Geranium – cut off stems to just above ground level.
- 2. Swamp Milkweed – leave stems and seedheads in place.
- 3. Swamp Rose Mallow – leave stems in place.
- 4. Sundrops – leave seedheads in place.
- 5. New England Aster – leave stems in place. Remove all but a few seedheads.
- 6. Ohio Goldenrod – leave stems in place. Remove all but a few seedheads.
- 7. Prairie Coneflower – leave stems and seedheads in place.
- 8. Wild Bergamot – leave stems in place. Remove all but a few seedheads.
- 9. Chives – once dormant, cut back to ground level.
- 10. Lanceleaf Coreopsis – n/a

- 11. Anise Hyssop – leave stems in place. Dead head blooms to prevent self-seeding. Give it a good watering before it dies back.
- 12. Purple Coneflower – leave stems and flower heads in place.
- 13. Garlic Chives – once dormant, cut back to ground level.
- 14. Eastern Pasqueflower – leave stems and seedheads in place.
- 15. Dill – tidy up but leave some seedheads in place for reseeding.
- 16. Dense Blazing Star – leave stems and seedheads in place.
- 17. Butterfly Weed – leave stems and seedheads in place.
- 18. Catmint – cut down to 10-15 cms.
- 19. Foxglove Beardtongue – Leave stems and seedheads in place.
- 20. False Sunflower – deadhead but leave stems in place.
- 21. Virginia Spiderwort – water well before the ground freezes.
- 22. Autumn Joy Sedum – leave stems and flowers in place.
- 24. Smooth Blue Aster – leave a few seedheads in place.
- 23. Prairie Smoke – does not like to be wet in winter.
- 25. Little Bluestem – leave stems in place.
- 26. Black-eyed Susan – leave a few seedheads in place.
- 27. Serviceberry – reduce amount of water in the fall.
- 28. False Indigo – n/a
- 29. Zinnia Profusion - dies off with first hard frost.
- 30. Blanket Flower – cut back. Mulch roots lightly with compost.
- 31. Red Columbine – remove dead foliage and cut stalks back to the ground.
- 32. Bleeding Heart - once the leaves have turned yellow, cut the leaves and stems back to 2.5 to 5 cms above the soil surface
- 33. Eastern Redbud – until the eastern redbud's bark hardens and becomes rough, use a commercial-grade tree wrap in the winter. Leave seeds for birds.
- 34. Summersweet – leave seeds for birds. Mulch around the crown.
- 35. Strawberry - If patches are old and woody, lift, divide, and replant them.
- 39. Lamb's Ear - Protect with mulch making sure not to cover the crown.
- 40. Gaura - Cut stems back by half. Apply a 5 cm layer of mulch to insulate the soil and prevent damaging freeze-and-thaw cycles.
- 41. Globe Allium – Mulch lightly.

- 42. Ninebark - Prune. Remove dead, diseased, or crossing branches. Cut the shrub back to the ground every few years to renew it.

Appendix C – Pollinator Garden Design



Appendix D – How to Sow Seeds



HOW TO SOW NATIVE SEEDS IN SPRING



Let Nature Do the Work.

1 CHOOSE THE RIGHT TIME



Sow after the last hard frost when the soil has warmed and is workable.

Check your local frost dates.

2 PREPARE THE SITE



Remove weeds and debris.

Loosen soil lightly.

Firm the surface.

3 SOW THE SEEDS



Scatter on the soil surface.

Press seeds in gently.

Cover only large seeds lightly.

4 KEEP MOIST



Keep the soil consistently moist (but not soggy) until seeds sprout.

Water gently.

5 GIVE IT TIME



Native seeds may take days, weeks, or even months to sprout.

Be patient and let nature lead.

6 WATCH IT GROW



Once established, native plants need less water and care.

Enjoy the blooms and benefits!

Native plants grow where they belong.



WINTER SOWING NATIVE SEEDS IN A MILK JUG



A Mini Greenhouse for Ontario Native Plants

1 PREPARE THE JUG



Cut around the jug, leaving a hinge. Poke drainage holes in the base.

2 ADD SOIL



Fill with 3–4 in (8–10 cm) of moistened seed-starting mix.

3 SOW THE SEEDS



Scatter seeds on the surface. Press gently. Cover only large seeds lightly.

4 LABEL AND CLOSE



Add a waterproof label. Tape the jug closed.

5 PLACE OUTDOORS



Set outside in late fall or winter in sun or partial sun.

6 OPEN IN SPRING



When seedlings appear, open the jug on warm days. Transplant when established.



TIP: Snow, rain, and freeze-thaw cycles naturally break seed dormancy.



Let Nature Do the Work.

Appendix E – How to Harvest Seeds



HOW TO HARVEST NATIVE PLANT SEEDS

*Collect local seeds. Grow more native plants.
Support pollinators and biodiversity.*





WHEN TO HARVEST

Harvest when seeds are fully mature and dry, but before they drop.



Timing varies by species and region in Ontario.
Check a local plant or seed guide for species-specific timing.

1 CHOOSE PLANTS TO HARVEST



- Harvest from healthy, abundant plants.
- Take only what you need—leave plenty for wildlife and natural reseeding.

2 CHECK FOR MATURITY



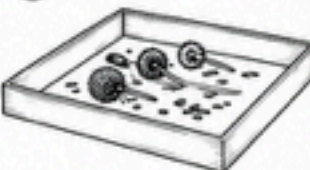
- Seeds are mature when brown or tan, dry, and release easily.
- If green or hard to remove, wait a little longer.

3 HARVEST GENTLY



- Cut or clip seed heads or pods.
- Use a paper bag or cloth bag to collect.

4 DRY THE SEEDS



- Spread in a single layer in a dry, well-ventilated area out of direct sun.
- Dry 1–2 weeks or until seeds separate easily.

5 CLEAN THE SEEDS



- Remove chaff, leaves and debris.
- Use a sieve or gentle rubbing to separate.
- Keep only clean, mature seeds.

6 STORE PROPERLY



- Store in paper envelopes or breathable containers.
- Label with species, location and date.
- Keep in a cool, dry, dark place.
- Seeds last 1–3 years.

Appendix F – Pollinator Plant Preferences

WHO'S VISITING?	THEY LOVE... (COLOURS)	THEY CAN'T RESIST... (FLOWER SHAPES)	LOOK FOR THESE BLOOM SHAPES (WHAT TO PLANT)
 BEES Hard workers who collect pollen and nectar 	Blue, purple, yellow, white 	 Borage  Catmint  Black-eyed Susan	Open faces & landing pads   
 BUTTERFLIES Sip nectar with their long tongues	Purple, pink, red, orange 	 Coneflower  Phlox  Milkweed	Flat tops & wide platforms  
 HUMMINGBIRDS Need lots of nectar-rich tubular flowers 	Red, orange, pink 	 Bee Balm  Trumpet Honeysuckle  Cardinal Flower	Long tubes & narrow throats   
 MOTHS Nighttime pollinators who love strong scents	White, cream, pale yellow 	 Moonflower  Evening Primrose  White Phlox	Open at night & fragrant   
Make Your Garden a Pollinator Paradise!  Plant lots of different shapes, colours and bloom times  Group plants in drifts for easy spotting  Skip the pesticides—pollinators will thank you!  Fun Fact!  Pollinators see more colours than we do—especially blue, UV patterns and brighter hues! 			