



Winterberry



Thread-leaf Coreopsis



Foxglove Beard-Tongue



Wild Columbine



Rose Campion



Basket of Gold



Royal Fern



Purple Coneflower

## The Deer-Resistant Garden

If you live in an area with foraging deer, you've likely watched some of your favorite plants experience browse. But before you give up on gardening altogether, try making your yard less appealing to deer by choosing plants that deer find less desirable.

It's important to remember that unless you build a very tall fence, there is no such thing as a deer-proof garden. Deer will eat anything if they are hungry enough, and they can adapt and eat plants that are considered "resistant." However, deer do have their favorites, and they're more attracted to places where their preferred food is easily available.

In general, **deer prefer:**

- Plants with lush foliage and high water content, such as hostas
- Early spring plants like tulips, crocuses, and forsythia
- Fruiting and berry-producing plants, including vegetable gardens

Deer are less **likely to be attracted to:**

- Herbs and strongly flavored plants
- Heavily scented foliage
- Plants with fuzzy or hairy leaves
- Prickly plants
- Ferns
- Grasses



Nodding Onion



Purple Rock Cress

In the following pages you will find a variety of deer resistant plants and their requirements. Native plants to the area are highlighted in **purple** and are best suited to the conditions of Ann Arbor's soils and climate making them most likely to establish themselves well in your garden. By no means is this a comprehensive list, but please use it as a starting point.



## Perennials

Botanical Name	Common Name	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<i>Achillea</i> spp.	Yarrow	Sand, Loam	Full Sun	2' - 3'	2' - 3'	Dry to Medium	White	June - September
<i>Allium cernuum</i>	Nodding Onion	Sand, Loam	Full Sun to Partial Shade	1' - 1.5'	4" - 6"	Dry to Medium	Pink	June - August
<i>Allium christophii</i>	Star of Persia	Sand, Well Drained Loam	Full Sun	1' - 2'	6" - 18"	Dry to Medium	Pale Lavender	May
<i>Allium moly</i>	Lily Leek	Sand, Well Drained Loam	Full Sun	1' - 1.5'	1' - 2'	Dry to Medium	Yellow	May - June
<i>Allium neapolitanum</i>	Daffodil Garlic	Clay, Loam, Sand	Full Sun	6" - 1'	1' - 2'	Dry to Medium	White	April - June
<i>Anemone x hybrida</i>	Japanese Anemone	Clay, Loam, Sand	Full to Partial Sun	2' - 4'	2' - 4'	Medium to Wet	Pink	August - September
<i>Thalictrum thalictroides</i>	Rue Anemone	Sand, Loam	Partial Shade	6" - 8"	6" - 8"	Medium	White	April - May
<i>Aquilegia canadensis</i>	Wild Columbine	Clay, Sand, Loam	Full to Partial Sun	1' - 3'	6" - 2'	Medium to Wet	Red	June - August
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	Sand, Loam	Part to Full Shade	1' - 2"	1' - 1.5"	Medium to Wet	Green-purple	April - May
<i>Asclepias</i> spp.	Milkweed	Sand, Well Drained Loam	Full Sun to Partial Shade	2' - 3'	8"-1'	Dry to Medium	Lavender, Pink, White, Orange	June - August
<i>Aubrieta deltoidea</i>	Purple Rock Cress	Sand, Loam	Full to Partial Sun	4" - 9"	1' - 2'	Dry	Purple	May - July
<i>Aurinia saxatilis</i>	Basket-of-gold	Sand, Loam	Full Sun	6" - 1'	1' - 1.5'	Dry	Yellow	April - May
<i>Bergenia cordifolia</i>	Bergenia	Sand, Loam	Part to Full Shade	1' - 1.5'	1' - 1.5'	Medium	Deep Pink	April - May
<i>Caulophyllum thalictroides</i>	Blue Cohosh	Loam	Part to Full Shade	4' - 6'	2' - 4'	Medium	Green -White	June - July
<i>Colchicum speciosum</i>	Colchicum 'Album'	Sand, Loam	Full Sun to Partial Shade	7"-12"	10" - 12"	Medium	White	September - October
<i>Coreopsis verticillata</i>	Threadleaf coreopsis	Sand, Loam	Full Sun	2' - 3'	1.5' - 2'	Dry to Medium	Yellow	June - September
<i>Cyclamen hederifolium</i>	Persian Violet	Sand, Loam	Partial Shade	4" - 6"	6" - 12"	Dry to Medium	Pink, White	September - October
<i>Digitalis grandiflora</i>	Yellow Foxglove	Clay, Sand, Loam	Partial Shade	2' - 3'	1' - 1.5'	Medium	Yellow	May - June
<i>Digitalis purpurea</i>	Common Foxglove	Clay, Sand, Loam	Full to Partial Sun	2' - 5'	1'-2'	Medium	Purple	May - June
<i>Dryopteris marginalis</i>	Wood fern	Sand, Loam	Full to Partial Shade	1.5' - 2'	1.5' - 2'	Medium	Non - Flowering	Evergreen
<i>Echinacea purpurea</i>	Purple coneflower	Chalk, Loam, Sand	Full to Partial Sun	1' - 4'	1' - 3'	Dry to Medium	Purple-pink	June - August
<i>Epimedium</i> spp.	Barrenwort	Loam	Full to Partial Shade	8" - 12"	8"-12"	Dry to Medium	Yellow, White, Red, Pink, Orange	April - June
<i>Euphorbia corollata</i>	Flowering spurge	Sand, Loam	Full Sun to Partial Shade	1' - 3'	1' - 2'	Dry to Medium	White	June - August
<i>Gloriosa superba</i>	Glory lily	Sand, Loam	Full Sun to Partial Shade	5' - 6'	1' - 3'	Medium	Yellow, Red, Orange	July - September
<i>Heliopsis helianthoides</i>	False sunflower	Chalk, Clay, Loam	Full to Partial Sun	3' - 6'	2' - 4'	Dry to Medium	Yellow	June - August
<i>Lavandula</i> spp.	Lavender	Chalk, Loam, Sand	Full Sun	1' - 2'	1' - 2'	Medium	Purple	June - August
<i>Lychnis coronaria</i>	Rose Campion	Chalk, Loam, Sand	Full Sun	2' - 3'	1' - 1.5'	Dry to Medium	Magenta	May - July
<i>Matteuccia struthiopteris</i>	Ostrich fern	Clay, Loam, Sand	Partial Sun to Full Shade	4'-6'	3' - 4'	Medium	Non - Flowering	May - August
<i>Osmunda regalis</i>	Royal fern	Sand, Loam	Partial to Full Shade	2' - 3'	2' - 3'	Medium to Wet	Non - Flowering	May - August
<i>Papaver orientale</i>	Oriental poppy	Chalk, Clay, Loam, Sand	Full Sun	2' - 3'	6" - 2'	Dry to Medium	Red, Orange, White, Pink	June - July
<i>Penstemon digitalis</i>	Foxglove Beard-tongue	Loam, Sand	Full Sun	3' - 5'	1' - 2'	Dry to Medium	White	April - June
<i>Perovskia atriplicifolia</i>	Russian sage	Chalk, Loam, Sand	Full Sun	3' - 4'	3' - 4'	Dry to Medium	Lavender, Blue	July - October
<i>Rudbeckia hirta</i>	Black-eyed Susan	Chalk, Clay, Loam	Full to Partial Sun	1' - 2'	1' - 2'	Medium	Yellow to Orange-Yellow	June - September
<i>Santolina chamaecyparissus</i>	Lavender cotton	Chalk, Loam, Sand	Full Sun	1' - 2'	2' - 3'	Dry to Medium	Yellow, Evergreen leaves	July - August
<i>Stachys byzantina</i>	Lamb's ears	Chalk, Loam, Sand	Full Sun	6" - 2'	1' - 3'	Dry to Medium	Purplish Pink	May - July
<i>Teucrium canadense</i>	Wood-Sage	Sand, Loam, Clay	Full Sun to Partial Shade	2' - 3'	1' - 2'	Medium to Wet	Pale pink, White	June - August
<i>Thymus</i> spp.	Thyme	Chalk, Loam, Sand	Full Sun	2" - 12"	6" - 12"	Dry to Medium	Pale Purple, Evergreen leaves	May - July
<i>Tiarella cordifolia</i>	Foam flower	Loam, Sand	Partial to Full Shade	8" - 12"	1' - 2'	Medium	White, Pink	May
<i>Zizia aurea</i>	Golden Alexander	Sand, Loam	Full Sun to Partial Shade	1'-3'	6" - 1'	Medium	Yellow	April - August

## Annuals

Botanical Name	Common Name	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<i>Ageratum houstonianum</i>	Ageratum	Chalk, Clay, Loam, Sand	Full to Partial Sun	6" - 2'	6" - 1'	Medium	Blue	June - Frost
<i>Anethum graveolens</i>	Common dill	Sand, Loam	Full Sun	3' -5'	2' -3'	Medium	Yellow	August - September
<i>Antirrhinum majus</i>	Snapdragon	Chalk, Loam, Sand	Full Sun	4" - 3'	6" - 10"	Medium	White, Yellow, Pink, Red, Orange, Purple	April - Frost
<i>Capsicum annuum</i>	Hot peppers	Sand, Loam	Full Sun	1' -4'	1' -2'	Medium	White, Yellow	June - July
<i>Capsicum frutescens</i>	Sweet peppers	Sand, Loam	Full Sun	1' -2.5'	1' -2'	Medium	White	June - Frost
<i>Citrullus lanatus</i>	Watermelon	Loam	Full Sun	8" - 18"	10' -15'	Medium	Pale Green	July - August
<i>Cucumis melo cantalupensis</i>	Cantaloupe	Clay, Loam, Sand	Full Sun	3' - 5'	1' -3'	Medium	Yellow	July - September
<i>Cucumis sativus</i>	Cucumber	Sand, Loam	Full Sun	8" - 18"	3' - 8'	Medium	Yellow	July - September
<i>Hyacinthus orientalis</i>	Hyacinth	Chalk, Clay, Loam, Sand	Full to Partial Sun	6" -10"	2" -5"	Medium	Blue, Purple, Pink, Red, White	April
<i>Nicotiana alata</i>	Jasmine tobacco	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	3'-5'	1'-2'	Medium	White	June - Frost
<i>Pelargonium spp.</i>	Scented geranium	Sand, Well Drained Loam	Full Sun	2'-3'	1'-2'	Dry to Medium	White, Pink, Red, Purple	May - Frost
<i>Polanisia dodecandra</i>	Clammyweed	Sand, Well Drained Loam	Full Sun	1'-3'	1'-2'	Medium	White	June - July
<i>Rheum rhabarbarum</i>	Rhubarb	Sand, Loam	Full Sun to Partial Shade	2' -3'	3' -4'	Medium	White	May - August
<i>Solanum melongena</i>	Eggplant	Sand, Well Drained Loam	Full Sun	2' -4'	1' -3'	Medium	Violet	July - September

## Ornamental Grasses

Botanical Name	Cultivar	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<b>Grasses</b>								
<i>Saccharum ravennae</i>	Ravennae grass	Chalk, Loam, Sand	Full Sun	6' -12'	4' -6'	Medium	Purple-bronze	September - October
<i>Panicum virgatum</i>	'Cloud Nine'	Chalk, Clay, Loam, Sand	Full to Partial Sun	5'-7'	2'-3'	Medium	Gold transitioning to beige	August - December
<i>Panicum virgatum</i>	'Dallas Blues'	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	4'-6'	2'-3'	Medium to Wet	Purple	September - February
<i>Panicum virgatum</i>	'Heavy Metal'	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	4'-5'	1'-2'	Medium to Wet	Pink-beige	July - February
<i>Panicum virgatum</i>	'Northwind'	Chalk, Clay, Loam, Sand	Full to Partial Sun	4' -6'	2'-3'	Medium	Gold transitioning to beige	July - February
<i>Panicum virgatum</i>	'Shenandoah'	Chalk, Clay, Loam, Sand	Full to Partial Sun	3'-4'	3'-4'	Medium	Red- pink transitioning to beige	August - February
<i>Molinia caerulea</i>	'Skyracer'	Chalk, Clay, Loam, Sand	Full Sun	2'-3'	1' -1.5'	Medium to Wet	Purple	July - September
<i>Molinia caerulea</i>	'Transparent'	Chalk, Clay, Loam, Sand	Full to Partial Sun	4'-8'	2'-4'	Medium	Purple-bronze	July- September
<i>Calamagrostis xacutifolia</i>	'Karl Foerster'	Chalk, Clay, Loam, Sand	Full Sun	3'-5'	1.5'-2.5'	Medium to Wet	Pink-purple	May - February
<i>Chasmanthium latifolium</i>	Northern sea oats	Chalk, Clay, Loam, Sand	Full to Partial Sun	2' -5'	1'-2'	Medium	Purple-bronze	August - February
<i>Pennisetum orientale</i>	'Karley Rose'	Chalk, Loam, Sand	Full Sun	2'-3'	2'-3'	Medium	Pale pink, Purple	July - September
<b>Sedges</b>								
<i>Carex morrowii</i>	'Variegata'	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	1'-2'	1'-2'	Medium	Brown	April - June
<i>Carex oshimensis</i>	'Evergold'	Chalk, Clay, Loam, Sand	Full to Partial Sun	10" - 1'	1'-2'	Medium to Wet	Brown	May
<i>Carex flagellifera</i>	'Toffee Twist'	Chalk, Clay, Loam, Sand	Full to Partial Sun	1'-2'	1'-2'	Medium	Brown	April - June

## Native Grasses

Botanical Name	Common Name	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<i>Andropogon gerardii</i>	Big Bluestem	Sand, Loam	Full Sun	4'-6'	2'-3'	Dry to Medium	Purplish-red	September - February
<i>Bouteloua curtipendula</i>	Side oats Grama	Sand, Loam	Full Sun	1.5' - 2.5'	1.5' - 2'	Dry to Medium	Purple	July - August
<i>Carex muskingumensis</i>	Palm Sedge	Clay, Sand, Loam	Full Sun to Partial Shade	2'-3'	2'-3'	Medium to Wet	Yellow	May - September
<i>Carex pensylvanica</i>	Pennsylvania Sedge	Sand, Loam	Partial to Full Shade	6"-12"	6"-12"	Dry to Medium	Green	May
<i>Elymus canadensis</i>	Canada Wild Rye	Clay, Sand, Loam	Full Sun	2'-5'	2'-3'	Dry to Medium	Green	July - September
<i>Koeleria macrantha</i>	June Grass	Sand, Loam	Full Sun	1'-2'	8"-18"	Dry to Medium	Light Green	May - June
<i>Luzula multiflora</i>	Woodrush	Clay, Sand, Loam	Partial Sun	6"-15"	12"-18"	Dry to Medium	Yellow	May-June
<i>Panicum virgatum</i>	Switch Grass	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	3'-6'	2'-3'	Medium to Wet	Pink-brown	July - February
<i>Schizachyrium scoparium</i>	Little Bluestem	Chalk, Clay, Loam, Sand	Full Sun	2'-4'	1.5'-2'	Dry to Medium	Purple-bronze	August - February
<i>Sorghastrum nutans</i>	Indian Grass	Chalk, Clay, Loam, Sand	Full Sun	3'-5'	1'-2'	Dry to Medium	Light brown	September - February
<i>Sporobolus heterolepis</i>	Prairie Dropseed	Chalk, Clay, Loam, Sand	Full Sun	2'-3'	2'-3'	Dry to Medium	Pink-brown	August - October

## Shrubs

Botanical Name	Common Name	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<i>Buxus sempervirens</i>	Common Boxwood	Chalk, Clay, Loam, Sand	Full Sun to Partial Shade	5'-15'	5'-15'	Medium	Green-white	April - May
<i>Ilex verticillata</i>	Winterberry	Clay, Loam, Sand	Full Sun to Partial Shade	3'-16"	5-10'	Medium	White	May
<i>Leucothoe fontanesiana</i>	Drooping Leucothoe	Clay, Loam, Sand	Partial to Full Shade	2'-3'	2'-3'	Medium	White	May
<i>Lindera benzoin</i>	Spicebush	Sand, Loam	Full Sun to Partial Shade	6' -12'	6' - 12'	Medium	Greenish Yellow	March
<i>Pieris japonica</i>	Japanese Pieris	Sand, Well Drained Loam	Full Sun to Partial Shade	9'-12'	6'-8'	Medium	White	April

## Trees

Botanical Name	Common Name	Soil Type	Sun	Height	Spread	Water	Bloom Color	Bloom Time
<i>Betula papyrifera</i>	Paper Birch	Sand, Loam	Partial Shade	50'-70'	25'-50'	Medium to Wet	Yellow, Green	March - April
<i>Picea pungens</i>	Colorado Blue Spruce	Clay, Loam	Full Sun	30'-60'	10'-20'	Medium	Non-flowering, Evergreen	Non-flowering