



CREATING BIRD-FRIENDLY HABITAT

A Native Plant Guide For Central Minnesota

Transform your yard using native plants to support birds, insects, and other wildlife



Utilize this guide to restore your backyard or acreage into an ecologically sound habitat. Incorporate plants from every layer to construct a three-dimensional structure brimming with food, shelter, and nesting sites for birds. Habitat restoration not only benefits birds, insects, and mammals but also enriches your experience of observing wildlife.

Birds rely on insects: 96% of bird species rear their young on exclusive insect diets, and the majority of adult songbirds' diet consists of insects. Yards featuring ornamental and many cultivars fail to provide these essential insects, as these plants cannot support insect populations. Minimize or eliminate the use of ornamental and cultivar plants. Manage invasive plants that can outcompete native species and disrupt ecosystems and habitats. Replace these types of plants with native plants and watch your yard become a haven of insect and avian diversity.

Focus on plant diversity, and also be sure to include “keystone species” (highlighted in yellow in this guide) in each layer. These are the plant species that are the heavy hitters, supporting vast numbers of insect species.

Both birds and insects thrive in untidy environments; avoid removing leaves from the ground (refrain from mulching leaves) and cutting back plant stalks at the end of the growing season. Adult insects, along with insect eggs, larvae, and cocoons overwinter in these organic materials. Removing them creates an ecological trap that significantly harms insect populations and in turn bird populations.

KEY

	Keystone Plant
F	Full sun
P	Part Sun
S	Shade
D	Dry
Me	Medium
Mo	Moist
W	Wet
#	Suitable for container

Trees support the largest numbers of caterpillars and other insects. Trees are crucial for birds. Think long term and plant those saplings! Even small trees provide benefits to insects and birds.

CANOPY LAYER CHOICES													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar/Sap	Insect	Caterpillar	Nest Material	Notes
QUERCUS													
<i>Quercus Alba</i>	White Oak	60-80'	F	D, Me	Tolerates most, acidic	May	•				318		cavity nest site
<i>Quercus bicolor</i>	Swamp White Oak	50-60'	F	Mo	Tolerates most, acidic	May	•				318		cavity nest site
<i>Quercus macrocarpa</i>	Bur Oak	60-80'	F	D, Me	Sandy Loam, Clay	May	•				318		cavity nest site
<i>Quercus muehlenbergii</i>	Chinquapin Oak	40-60'	F	D, Me	Rocky, Loam	May	•				318		cavity nest site
<i>Quercus rubra</i>	Red Oak	60-80'	F,P	D, Me	Sandy Loam	May	•				318		cavity nest site
SALIX													
<i>Salix amygdaloides</i>	Peachleaf Willow	30-50'	F	W	Loam	May-Jun			•		355	•	cavity nest site
<i>Salix nigra</i>	Black Willow	35-50'	F	Mo, W	Tolerates Most	May-Jun			•		355		cavity nest site
PRUNUS													
<i>Prunus serotina</i>	Wild Black Cherry	50-60'	F,P	D-Me	Loam	May-Jun	•				339		Nesting sites, cavity nesting fast growth
BETULA													
<i>Betula alleghaniensis</i>	Yellow Birch	60-70'	F,P	Me	Sand, Loam	May	•		•		329		Nesting sites
<i>Betula nigra</i>	River Birch	50-60'	F,P	Me	Tolerates Most	Apr-May	•		•		329		
<i>Betula papyrifera</i>	Paper Birch	50-60'	F,P	D, Me	Sand, Loam	Apr-May	•		•		329		
POPULUS													
<i>Populus balsamifera</i>	Balsam Poplar	60-70'	F	Me, Mo	Sand, Loam	Apr-May		•			300		Cavity Nest
<i>Populus deltoides</i>	Cottonwood	75-100'	F	D, Me, Mo	Tolerates Most	Apr-May					300		Cavity Nest
<i>Populus grandidentata</i>	Bigtooth Aspen	50-60'	F	Me, Mo	Sand, Loam	Apr-May					300		Cavity Nest
<i>Populus tremuloides</i>	Quaking Aspen	40-50'	F	Me, Mo	Tolerate Most	Apr-May		•			300		Cavity Nest
ACER													
<i>Acer rubrum</i>	Red Maple	60'	F,P	Me, W	Tolerate most	Apr-May			•	•	226		Nesting site/cavity nest
<i>Acer saccharinum</i>	Silver Maple	60-80'	F,P	Me,Mo	Tolerate most	Mar-Apr			•	•	226		Nesting site/cavity nest
<i>Acer saccharum</i>	Sugar Maple	60'	F,P	Me	Well-drain, loamy, sandy over clay	Apr-Jun			•	•	226		Nesting site/cavity nest, syrup
<i>Acer saccharum nigrum</i>	Black Sugar Maple	60-75'	F,P	D, Me, Mo, W	Well-drained, calciferous	Apr-May			•	•	226		Nesting site/cavity nest

Enhance bird species diversity by planting a diverse array of trees in the canopy layer. Consider leaving dead trees and tree snags intact where safe to do so, as they offer significant benefits to birds.

CANOPY LAYER CHOICES													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar/Sap	Insect	Caterpillar	Nest Material	Notes
CARYA													
<i>Carya cordiformis</i>	Bitternut Hickory	50-75'	F, P	D, Me, Mo	Loam, sandy clay	May-Jun	•	•	•		153		Nesting site
<i>Carya ovata</i>	Shagbark	50-75'	F, P	D, Me, Mo	Sand, Loam, Clay	May-Jun	•	•	•		153		Nesting site
CONFIFEROUS CHOICES													
JUNIPER													
<i>Juniperus virginiana</i>	Eastern Red Cedar	45'	F, P	D, Me	Sand, Silty clay	Apr-May	•				26		Nesting site
PINUS													
<i>Pinus resinosa</i>	Red Pine	75'	F	D, Me	Sandy	Jun		•	•		200		Nesting site/cavity nest
<i>Pinus strobus</i>	White Pine	65-75'	F	Me	Sand, Loam, Clay	Jun		•	•		200		Nesting site/cavity nest
<i>Pinus banksiana</i>	Jack Pine	50'	F	D, Me	Sandy	May-Jun		•	•		200		Nesting site/cavity nest
UNDERSTORY TREE CHOICES													
SALIX													
<i>Salix bebbiana</i>	Bebb's Willow	10-20'	F, P	Dry, Me, Mo, W	Loam, sand/clay tolerant	May-Jun		•	•		355		Nesting site
PRUNUS													
<i>Prunus pensylvanica</i>	Pin Cherry	20-35'	F, P	Me, Mo	Loam	May-Jun	•				339		Nesting site/cavity nest
<i>Prunus virginiana</i>	Common Chokecherry	20-35'	F, P	D, Me	Loam, tolerates most	May-Jun	•				339		Nesting site/cavity nest
<i>Prunus americana</i>	American Plum	20-35'	F	D, Me	Loam	May	•				339		Nesting site/cavity nest, thicket forming
CARPINUS													
<i>Carpinus caroliniana</i>	Blue Beech (Musclewood)	20-30'	F-S	Me, W	Loam, Clay	Apr-may		•			126		Slow growing
CORNUS													
<i>Cornus alternifolia</i>	Pagoda Dogwood	15-20'	F-S	Me	Loam	May-Jun	•				106		
AMELANCHIER													
<i>Amelanchier arborea</i>	Downy Serviceberry	15-25'	F, P	D, Me	Well-drained	Apr-May	•			•	94		
<i>Amelanchier laevis</i>	Allegheny Serviceberry	15-25'	F, P	Me	Clay, Loam, Sand	Apr-May	•			•	94		
<i>Amelanchier interior</i>	Inland Serviceberry	15-30'	F, P	Me, Mo	Well-drained loam, sand tolerant	May-Jun	•			•	94		
MALUS													
<i>Malus ioensis</i>	Prairie Crab	20-35'	F	D, Me, Mo	Tolerates most	Apr-May	•		•	•	237		Cavity nest, Beware red leaf cultivars!

The shrub layer provides crucial nesting sites and cover. Plant dense hedgerows to maximize the benefits.

SHRUB STORY PLANT CHOICES													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar	Insect	Caterpillar	Nest Material	Notes
SALIX													
<i>Salix discolor</i>	Pussy Willow	15-20'	F	W	Clay, loam, sand	Apr-May		•		•	355	•	Nesting site
<i>Salix humilis microphyllus</i>	Prairie Willow	3-6'	F	D, Me, Mo, W	Clay, loam, sand	Apr-May		•		•	355	•	Nesting site
<i>Salix lucida</i>	Shining Willow	12-18'	F	W	Tolerates most, loam	May-Jun		•		•	355	•	Nesting site
<i>Salix petiolaris</i>	Slender Willow	6-12'	F,P	W	Tolerate most	Apr-May		•		•	355	•	Nesting site
VIBURNUM													
<i>Viburnum lentago</i>	Nannyberry Viburnum	12-20'	F,P	Me	Loam, tolerates most	May-Jun	•			•	153		Nesting site
<i>Viburnum rafinesquianum</i>	Downy Viburnum	6-8'	F,P	D, Me	Clay, loam, sand	May-Jun	•			•	153		Nesting site
<i>Viburnum trilobum</i>	American Highbush Cranberry	6-10'	F-S	Me, W	Loam, organic peat	May-Jun	•			•	153		Nesting site
VACCINUM													
<i>Vaccinium angustifolium</i>	Lowbush Blueberry	1-2'	F, P	Me	Sand, Loam	May-Jun	•			•	234		Nesting site
RUBUS													
<i>Rubus allegheniensis</i>	Highbush Blackberry	3-6'	F,P	D, Me	Sandy loam, clay	May-Jul	•				127		Nesting sites
<i>Rubus idaeus canadensis</i>	Northern Rapsberry	3-6'	F,P	Me	Sandy/clay loam	May-Jul	•				127		Nesting sites
<i>Rubus occidentalis</i>	Black Raspberry	3-5'	F,P	D, Me, W	D-Mo	May-Jun	•				127		Nesting sites
<i>Rubus parviflorus</i>	Thimbleberry	4-6'	P	Me, W	alkaline	Jun-Jul	•				127		Nesting sites
CORYLUS													
<i>Corylus americana</i>	American Hazelnut	6-12'	F,P	D, Me, Mo, W	Well drained, gravelley loam to heavy clay	May	•	•		•	127		
<i>Corylus cornuta</i>	Beaked Hazelnut	6-12'	P,S	D, Me, Mo, W	Well drained, gravelley loam to heavy clay	May	•	•		•	127		

If possible, aim for least 50-70% of your plant biomass to constitute native plants. Remember though, any native planting is beneficial. Even just one tree can have an impact.

SHRUB STORY PLANT CHOICES													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar	Insect	Caterpillar	Nest Material	Notes
ROSA													
<i>Rosa carolina</i>	Carolina Rose	2-3'	F, P	D, Me, Mo	Sand, Loam	May-Jun	•			•	101		Nesting site
<i>Rosa blanda</i>	Meadow Rose	3-6'	F, P	D, Me	Clay, Loam, Sand	Jun-Jul	•			•	101		Nesting site
<i>Rosa palustris</i>	Swamp Rose	5-8'	F, P	Mo		Jun-Jul	•			•	101		Nesting site
CORNUS													
<i>Cornus sericea</i>	Red-twigged Dogwood	6-12'	F, P	Me, W	Tolerates most	May-Aug	•				95		Nesting site
<i>Cornus rugosa</i>	Roundleaf Dogwood	6-10'	P, S	D, Me	Well-drained, sandy, loamy, rocky	May-Jul	•				95		Nesting site
<i>Cornus amomum</i>	Silkydogwood	6-12'	F	Me, W	Tolerate most	Jun-Jul	•				95		Nesting site
<i>Cornus racemosa</i>	Grey Dogwood	8-12'	F, P	D, Me	Tolerates most	Jun-Jul	•				95		Nesting site
<i>Cornus stoloifera</i>	Red Osier Dogwood	6-10'	F, P	Me, W	Tolerates most	Jun-Sept	•				95		Nesting site
AMELANCHIER													
<i>Amelanchier alnifolia</i>	Saskatoon Serviceberry	8-10'	F, P	Me, W	Loam	May	•			•	94		
<i>Amelanchier sanguinea</i>	sand (Roundleaf) Serviceberry	6-8'	F, P	Me, W	Sandy loam	May	•			•	94		
SAMBUCUS													
<i>Sambucus canadensis</i>	American Elder	8-10'	F	D, Me, Mo, W		Jun	•			•	33		Nesting site
SYMPHORCARPOS													
<i>Symphoricarpos albus</i>	White Snowberry	3-4'	F, P	D, Me, Mo, W	Clay, Limestone, loam, sand	May-Jul	•			•	21		Nesting site
<i>Symphoricarpos occidentalis</i>	Wolfberry	2-4'	F, P	Me	Tolerates most	Jun-Jul	•			•	21		Nesting site
<i>Symphoricarpos orbiculatus</i>	Red Snowberry / Coralberry	3-4'	F, P	D, Me, Mo, W	Loam, tolerates most	May-Jun	•			•	21		Nesting site
RIBES													
<i>Ribes americanum</i>	American Black Currant	3-6'	F, P	Me, W	Tolerates most	May-Jun	•			•			
<i>Ribes cynosbati</i>	Pasture (Prickly) Gooseberry	3-6'	F, P	Me	Tolerates most	Jul-Aug	•			•			
<i>Ribes missouriensis</i>	Missouri Goosberry	3-6'	F-S	D, Me	Tolerates most	Apr-Jun	•			•			

Bird habitat benefits many species of mammals and insects as well. Your habitat will serve as crucial habitat for pollinators, butterflies, and many other beneficial insects that will control pests.

HERB LAYER PLANT SELECTIONS													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar	Insect	Caterpillar	Nest Material	Notes
ASTER													
<i>Aster laevis</i>	Smooth Aster	2-4'	F	D, Me	Clay, Loam, sand	Aug-Oct		•			105		Survives freeze for blooms into Nov.
<i>Aster sericeus</i>	Silky Aster	1-2'	F,P	D, Me	Sandy, Rocky	Aug-Oct		•			105		
<i>Aster macrophyllus</i>	Big Leaf Aster	1-2'	P,S	D, Me	Clay, Loam, sand	Aug-Sep		•			105		
<i>Aster azureus</i>	Skyblue Aster	2-3'	F,P	D, Me	Loam, sand	Aug-Oct		•			105		
<i>Aster novae-angliae</i>	New England Aster	3-6'	F,P	Me, W	Clay, Loam, sand	Aug-Oct		•			105		
<i>Aster divaricatus</i>	White Woodland Aster	2-4'	P,S	D, Me	Clay, Loam, sand	Aug-Sep		•			105		
SOLIDAGO													
<i>Solidago flexicaulis</i>	Zig Zag Goldenrod	1-3'	P,S	D, Me	Clay, Loam, Sand	Aug-Sep		•		•	88		Does NOT cause allergies
<i>Solidago speciosa</i>	Showy Goldenrod	2-4'	F	D, Me	Loam, Sand	Aug-Sep		•		•	88		Non-rhizome spreader
<i>Solidago rigida</i>	Stiff Goldenrod	3-5'	F	D, Me	Clay, Loam, Sand	Aug-Sep		•		•	88		Non-rhizome spreader
HELIANTHUS													
<i>Helianthus occidentalis</i>	Western Sunflower	2-3'	F	D, Me	Loam, Sand	Jul-Aug		•			58		
<i>Helianthus divaricatus</i>	Woodland Sunflower	4-6'	P	D, Me	Clay, Loam, Sand	Jul-Sep		•			58		
<i>Helianthus pauciflorus</i>	Stiff Sunflower	2-6'	F	D, Me	Clay, Sand, Gravel	Jul-Sep		•			58		
ECHINACEA													
<i>Echinacea angustifolia</i>	Narrow-Leaved Coneflower	2-3'	F,P	D	Well-drained	Jun-Jul		•	•	•	•		
<i>Echinacea pallida</i>	Pale Purple Coneflower	3-4'	F,P	D, Me	Clay, Loam, Sand	Jun-Jul		•		•	•		
<i>Echinacea purpurea</i>	Purple Coneflower	3-4'	F,P	D, Me	Sand, Loam	Aug-Sep		•		•	•		Native to WI and IA
COREOPSIS													
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	1-2'	F	D, Me	Sand, Loam	Jun-Jul		•			4		#
<i>Coreopsis rosea</i>	Rose Coreopsis	1-2'	F	Me, Mo	Sand, Loam	Jul-Sep		•			4		
RUDBECKIA													
<i>Rudbeckia hirta</i>	Black Eyed Susan	1-3'	F,P	D, Me, Mo	Clay, Loam, Sand	Jun-Sep		•			15		Biennial- readily self sows

The herb layer provides seeds for many species of songbirds during fall and through the winter months. Be sure to leave your stalks and seedheads for birds and the insects that hibernate within the plant stems for winter.

HERB LAYER PLANT SELECTIONS													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar	Insect	Caterpillar	Nest Material	Notes
LIATRIS													
<i>Liatris ligulistylis</i>	Meadow Blazing Star	3-5'	F	Me, Mo	Loam	Aug-Sep		•	•	•	7		#
<i>Liatris aspera</i>	Rough Blazing Star	2-3'	F	D, Me	Loam, Sand	Aug-Sep		•	•	•	7		#
<i>Liatris pycnostachya</i>	Prairie Blazing Star	3-5'	F	Me, Mo	Clay, Loam, Sand	Jul-Aug		•	•	•	7		#
ASCLEPIAS													
<i>Asclepias syriaca</i>	Common Milkweed	2-4'	F,P	D, Me	Clay, Loam, Sand	Jun-Aug		•	•	•	11	•	
<i>Asclepias incarnata</i>	Red/Swamp Milkweed			Mo, W	Clay, Loam, Sand	Jun-Jul		•	•	•	11	•	#
<i>Asclepias sullivantii</i>	Sullivant's Milkweed	3-4'	F	Me	Clay, Loam	Jun-Aug		•	•	•	11	•	
<i>Asclepias speciosa</i>	Showy Milkweed	2-4'	F	D, Me	Clay, Loam, Sand	Jun-Aug		•	•	•	11	•	Less Aggressive than common but somewhat less appealing to wildlife
DALEA													
<i>Dalea candida</i>	White Prairie Clover	1-2'	F	D,M	Loam, Sand	Jul-Aug		•		•	1		Nitrogen fixer
<i>Dalea purpurea</i>	Purple Prairie Clover	1-2'	F	D,M	Clay, Loam, Sand	Jul-Aug		•		•	1		Nitrogen fixer
MONARDA													
<i>Monarda didyma</i>	Red Beebalm	3-5'	F,P	Me, Mo	Clay, Loam, Sand	Jun-Aug			•	•	10		
<i>Monarda fistulosa</i>	Bergmot	2-5'	F,P	D, Me, Mo	Clay, Loam, Sand	Jul-Sept		•	•	•	10		
PENSTEMON													
<i>Penstemon digitalis</i>	Smooth Penstemon	2-3'	F,P	Me., Mo	Clay, Loam, Sand	Jun-Jul		•	•		8		
<i>Penstemon hirsutus</i>	Hairy Beardtongue	1-2'	F,P	D, Me	Loam, Sand	May-Jun		•	•		8		
<i>Penstemon grandiflorus</i>	Beardtongue	2-4'	F	D	Gravel, Sand	May-Jun		•	•		8		
RATIBIDA													
<i>Ratibida pinnata</i>	Yellow Coneflower	3-6'	F	D, Me, Mo	Clay, Loam, Sand	Jul-Sep		•			2		
SILPHIUM													
<i>Silphium laciniatum</i>	Compass Plant	5-8'	F	D, Me		Jul-Sep		•	•	•	5		Leaves follow sun
<i>Silphium perfoliatum</i>	Cup Plant	6-8'	F,P	Me, Mo	Loam	Jul-Sep		•	•	•	5		Cups hold water for birds, frogs. Spreads aggressively
LOBELIA													
<i>Lobelia siphilitica</i>	Great Blue Lobelia	1-4'	F,P	Me, Mo	Clay, Loam, Sand	Jul-Sep			•	•	4		
<i>Lobelia cardinalis</i>	Cardinal Flower	2-4'	F,P	Mo, W	Loam, Sand	Jul-Aug			•	•	4		#, blooms when male hummingbird begin migration
AQUILEGIA													
<i>Aquilegia canadensis</i>	Columbine	1-3'	F-S	D, Me	Loam, Sand	May-Jun			•	•	10		

Plant densely and diversely within the herb layer to maximize benefits to the largest numbers of birds and insects. Native plants are accustomed to competition and will perform better with some crowding.

HERB LAYER PLANT SELECTIONS													
Scientific Name	Common Name	Height	Sun	Moisture	Soil Type	Bloom Time	Berry/Nut	Seed	Nectar	Insect	Caterpillar	Nest Material	Notes
AGASTACHE													
<i>Agastache foeniculum</i>	Lavender Hyssop	2-4'	F,P	D, Me	Loam, Sand	Jul-Sep		•	•	•	3		
CIRSIUM													
<i>Cirsium discolor</i>	Field Thistle	6'	F,P	Me		Aug-Oct		•	•		•	•	
FRAGARIA													
<i>Fragria virginiana</i>	Wild Strawberry	3-6"	F,P	D	Loam, Sand	Apr-Jun	•			•	67		>50 bird species eat berries
EUTROCHIUM 2													
<i>Eutrochium maculatum</i>	Joe-Pye Weed	4-6'	F, P	Me, W	Loam	Jul		•		•	2		
<i>Eutrochium purpureum</i>	Sweet Joe-Pye Weed	4-6'	F, P	Me	Clay, Loam, Sand	Jul-Sep					2		
IMPATIENS													
<i>Impatiens capensis</i>	Orange Jewel Weed	4'	F, P	Me, Mo		Jul-Sep		•	•		•		Annual
Vines													
<i>Lonicera dioica</i>	Red Vine Honeysuckle	5-10'	P,S	D, Me, Mo		May-Jun	•		•	•		27	
GRASSES													
<i>Bouteloua curtipendula</i>	Sideoats Grama	2-3'	F	D, Me	Loam, Sand	Aug-Sept		•		•	4	•	
<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-4'	F	D, Me	Loam, Sand	Aug-Sept		•		•	3		#
<i>Andropogon gerardii</i>	Big Blue Stem	5-8'	F	D, Me, Mo	Clay, Loam, Sand	Aug- Oct		•		•	11	•	Ground nesting
<i>Carex radiata</i>	Eastern Star Sedge	1-2'	P,S	Me, Mo	Loam, Sand	May-Jun		•		•			

NATIVE PLANT RESOURCES

Seed, Potted Plants, Bare Root

Local:

Outback Nursery: Hastings, MN
Landscape Alternatives: Shafer, MN
Blu Prairie Plant Nursery: Watertown, MN
Shelterwood Gardens: Minnetrista, MN
Natural Shore Technologies: Independence, MN

Online:

Prairie Nursery WI
Prairie Monn Nursery MN
Glacial Ridge Growers MN (order online Twin Cities pick up site)

SOURCES EMPLOYED TO GENERATE THIS GUIDE

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Tallamy, D. W. (2020). *Nature's best hope a new approach to conservation that starts in your yard*. Timber Press.

<https://nativeplantfinder.nwf.org/>

<https://www.minnesotawildflowers.info>

<https://www.prairienursery.com/>

<https://www.prairiemoon.com/>

<http://www.outbacknursery.com/?page=welcome>

How to Prevent Window Collisions

Actions to take at night

- Turn off all unnecessary lighting and draw your curtains.
- Use downlighting outdoors when safety requires lighting. Upward lighting draws birds in.
- Always turn off unnecessary lighting and use timers.

Make your Windows Visible to Birds

Glass must be treated in a way that visually breaks up the reflections and presents a visual cue to birds that it is an impassable obstacle. To be most effective, the visual cue must be applied to the outside of the window.

Solutions

Acopian BirdSavers: Long-lasting hanging cords

Feather Friendly: Long lasting adhesive markers installed in strips or sections

ABC Bird tape: Durable translucent tape

Other Solutions

Insect Screens: Leave those screens on year round

DIY art: White paint, applied to outside of window following 2X2 rule (no more than 2" of space between patterns)

Decals: Spaced no more than 2" apart applied to outside of window.

See <https://abcbirds.org/solutions/prevent-home-collisions/> for more information.