

Add beauty and value with managed naturalized areas

NATURALIZED AREAS CAN BE BOTH BEAUTIFUL AND BENEFICIAL TO YOUR BOTTOM LINE

Requiring fewer resources for mowing, chemical application, and equipment wear, naturalized areas allow for greater focus on playable surfaces while creating habitat for native birds, butterflies, pollinators and other wildlife. Naturalized areas also act as a biological filter for surrounding bodies of water and reduce the carbon footprint through decreased fuel consumption needs.

Although the benefits of naturalized areas are very real, there are some misconceptions when it comes to maintaining these spaces. Contrary to its name, naturalized areas do require attention to keep unwanted and unsightly invasive weeds at bay.

To achieve balance between naturalized, yet managed areas, Nufarm suggests following a naturalized areas spray program. This guide serves as reference for maintaining established naturalized areas and offers tips for adding new naturalized areas to your golf course.

USE THESE HELPFUL TIPS WHEN PLANNING YOUR NATURALIZED AREAS

- **Location is key:** add naturalized areas where there is minimal-to-no golf play.
- **Start with a clean slate:** use a non-selective herbicide to clear weeds from the designated naturalized area before planting.
- **Let nature help pick the plant:** select grasses that are native to your region, use the table below as a guide. If possible, plant established mature grasses.

NATIVE GRASS SPECIES BY REGION			
COOL-SEASON	TALL PRAIRIE	SHORT PRAIRIE	SUB-TROPICAL
Alkali grass	Big bluestem	Alkaligrass	Bahiagrass
Autumn bentgrass	Blue lovegrass	Blue grama	Eastern gamagrass
Blue lyme grass	Broom sedge	Buffalograss	Gulf bluestem
California melic grass	Coastal bluestem	Idaho fescue	Muhly grass
California oatgrass	Elliott's lovegrass	Inland saltgrass	Saltgrass
Canada wild rye	Indiangrass	Needle-and-thread grass	Sand cordgrass
Dune wild rye	Little bluestem	Sandberg bluegrass	Marsh cordgrass
Hard fescue	Muhly grass	Sideoats grama	
Poverty grass	Prairie cordgrass	Silver bluestem	
Red top bentgrass	Prairie dropseed	Western wheatgrass	
Purple needlegrass	Purple lovegrass		
Riverbank wild rye	Rough dropseed		
Sheep fescue	Sand dropseed		
Tufted hairgrass	Switchgrass		
Virginia wild rye	Weeping lovegrass		
Wavy hairgrass	Wiregrass		

Table: Skorulski, Jim. 2015. USGA Green Section Record. September 4. 53(17): p. 1-7



INVESTING IN THE FUTURE



“EXCEL has brought a new energy to my career which excites me and benefits the people around me.”

Joshua Lemons, Assistant Superintendent
Olympic Hills Golf Club, Eden Prairie, Minnesota



Founded by Nufarm and GCSAA, the EXCEL Leadership Program offers leading-edge development opportunities for assistant superintendents chosen from many excellent applicants. Each class participates for three years, learning leadership in personal, career, community and industry stewardship that will impact the future of golf course turf management.

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Naturalized areas program

GOLF SOLUTIONS



Naturalized areas add beauty to a course and habitat for wildlife. Although naturalized areas require less maintenance than other course areas, care is still needed. Nufarm suggests a simple spray program to keep weeds at bay and native stands pure.

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A plan to keep native grass stands pure

SOLUTION	SPRING	SUMMER	FALL
SURE POWER® SELECTIVE HERBICIDE		SPOT SPRAY BROADLEAF WEEDS OR	APPLY 2 WEEKS AFTER MOW OR
MILLENNIUM ULTRA® 2 SELECTIVE HERBICIDE		SPOT SPRAY BROADLEAF WEEDS OR	APPLY 2 WEEKS AFTER MOW OR
PRIMETIME™ SELECTIVE HERBICIDE	ANNUAL AND PERENNIAL BROADLEAF WEEDS	SPOT SPRAY BROADLEAF WEEDS	APPLY 2 WEEKS AFTER MOW
ALLSTAR™ SELECTIVE HERBICIDE		SPOT SPRAY BROADLEAF, GRASS, AND SEDGE WEEDS	
CHEETAH® PRO NON-SELECTIVE HERBICIDE		THIN AREAS OPTIONAL PER NEED	
OPTERAPRO® INSECTICIDE			
ANUEW™ EZ PLANT GROWTH REGULATOR	APPLY 12 FL OZ/A TO HOLD BACK GROWTH		

SURE POWER® HERBICIDE®

Sure Power® swiftly strikes down more than 250 challenging broadleaf weeds in naturalized areas, including Canada thistle, ground ivy and wild violet, with results visible within two to three days. One fall application will keep naturalized areas weed free through winter.

MILLENNIUM ULTRA® 2 HERBICIDE

Millennium Ultra® 2 “melts” tough weeds, even thistle, without leaving unsightly dead plants behind. Millennium Ultra 2 is also gentle on milkweed, allowing it to re-flower after initial suppression – ideal for monarch butterfly habitats.

PRIMETIME™ HERBICIDE

PrimeTime™ is effective against more than 250 labeled weeds, including tough broadleaves like wild violet, ground ivy, and goosegrass. It offers flexibility for use in spring, summer, or fall. In naturalized areas, fall is often a favorable time for application after mowing, as it targets new growth before winter.

ALLSTAR™ HERBICIDE

Allstar™ is a unique four-way broad-spectrum selective herbicide for use on selected cool-season and warm-season turfgrasses, effective against tough species including Virginia buttonweed, yellow nutsedge, wild violet, ground ivy, spurge, and clover. Suitable for golf course roughs and maintained naturalized spaces.

CHEETAH® PRO NON-SELECTIVE HERBICIDE

Cheetah® Pro non-selective herbicide provides fast, effective control. Spot treat with Cheetah Pro to take out challenging broadleaf and grassy weeds – even those resistant to glyphosate and multiple herbicide classes.

OPTERAPRO® INSECTICIDE

OpteraPro™ provides comprehensive season-long protection against a variety of insect pests, including grubs, caterpillars, billbugs, annual bluegrass weevil (ABW), and black turfgrass ataenius (BTA). A staple in Integrated Pest Management (IPM), OpteraPro has the utility to manage turf damaging insects while having little impact on beneficial pollinators.

ANUEW™ EZ PGR

Anuew™ EZ is a liquid turf growth regulator for greens and other playable areas. It works longer in cool-season, more evenly regulates mixed Poa and bentgrass stands, and works faster in warm-season turf. Consider a spring application of Anuew EZ in naturalized areas to hold back native grass growth.

DO YOUR PART, BEE RESPONSIBLE

CONSIDER ADDING POLLINATOR ZONES

Nufarm is diligent in its support of environmental stewardship, pollinator safety, and the appropriate use of management tools. We encourage adding pollinator zones and are here to help responsibly manage these zones – and all other course areas too.

FOUR FAST TIPS

1. Create pollinator-specific “zones” separate from naturalized areas or landscape beds. Areas around tee boxes and water stations are often ideal location candidates.

2. While cosmos, yarrow and baby’s breath are common on courses and attractive to bees, be sure to select pollinator-favorite species that are native to your region.

3. Consult local conservation groups as they can be helpful guides in plant selection and other tips specific to your soil and climate conditions.

4. Minimize bee exposure by applying during “low flight” periods and avoid applications during plant bloom. When possible, choose insecticides with short residual activity.

MONARCHS, MILKWEED, MILLENNIUM ULTRA 2

SAVE MILKWEED WITH MILLENNIUM

Unlike other selective herbicides, Millennium Ultra 2 is easy on milkweed. Milkweed provides habitat for monarch butterflies, which makes Millennium Ultra 2 a natural fit for weed control in pollinator zones.

