



DLF

SEEDS & SCIENCE

UNITED STATES

TURF VARIETIES

EDITION 3



TURF VARIETIES

DLF is the global leader in turfgrass research and varieties, providing seed to more than 80 countries globally. One out of every three bags sold globally contains DLF varieties. There is a good chance you may have seen your favorite team or athlete perform on DLF turfgrass - the foundation on which superior sports performances are built.

LOOK FOR THE AFFILIATED ICONS REGARDING THESE VALUE-ADDED TRAIT PACKAGES:



The **ALLIANCE FOR LOW INPUT SUSTAINABLE TURF** is a non-profit university and industry cooperative that serves to test, identify and promote varieties to consumers that maintain acceptable turf quality while requiring reduced water, chemical and fertility inputs.



DLF's **COMPETITION GRADE TURF SEED** delivers performance-tested genetics, provides higher shear strength and increases player safety, responds better to wear and provides a more robust playing surface. Competition Grade resists major diseases and lowers maintenance budgets while increasing aesthetics through improved genetic color. It's express spreading growth habit assists damage recovery and includes options for actively growing under lower light for stadiums, as well as earlier and later season play.



4TURF® are advanced tetraploid perennial ryegrass varieties, developed to be quick establishing, strong, deep-rooting and tolerant to stress. 4turf® is better able to withstand a range of stressful conditions, such as drought, cold, disease and wear. Look for the **4t** symbol designating a 4turf® variety.



Advanced generation, highly refined bentgrass variety bred for genetically enhanced disease resistance and scientifically designed for use on closely maintained golf greens, fairways and tees.

SUPER BENTS™ elite, environmentally-friendly turf performance is the result of meticulous testing by Seed Research and DLF that exceeds all industry standards and removes undesirable weeds and crop like Poa annua and Poa trivialis.

ANNUAL RYEGRASS

ESTABLISH 4 - 7 DAYS

Use in overseeding of bermudagrass or when quick turf establishment is desired under less than ideal environmental conditions

NEW	Axcellerate	(TAR 34) True Annual (Westerwolds) turf-type ryegrass that lives only one year - Very fine textured & darker green - Superior short term cover & repairs
	Candidame	Darker green color - Higher tiller density & fine leaf texture
	Greenlinks	High-quality turf - Improved establishment and transition over perennial ryegrass - High disease resistance - Superior characteristics to other competitive turf-type annual ryegrasses
	NuSprint	High-quality turf - Darker green color, finer leaves - Improved establishment and transition over perennial ryegrass - High disease resistance - Provides excellent root mass
	Quickdraw	Finer leaf - Darker green - True annual - Faster establishment - Increased vigor & cool temperature germination - Transition without chemistry

BENTGRASS

ESTABLISH 14 - 21 DAYS

Use on golf course greens, tees & fairways

CREEPING

NEW	007	Superior turf quality - Highly competitive against Poa annua - Excellent winter color with no purpling - Enhanced Dollar Spot resistance - Bright, dark green color
	Cobra 2	Improved density - Summer performance - Heat tolerance - Winter color & high dollar spot resistance
	Flagstick	Superior Dollar Spot resistance - Versatile for greens, tees, and fairways - Excellent heat & cold tolerance - No scalping - Bright, dark green color - High tolerance & rapid repair from verticutting, low Poa annua invasion.
	Futura Pro	Blend with outstanding turf quality, heat tolerance, increased resistance to Brown Patch, Pink Snow Mold & Dollar Spot
	Macdonald	Improved density - High summer performance - Very high disease resistance & cool weather active growth for extended play
	MacKenzie	Versatile-type for greens, tees & fairways - High density - Establishes into existing stands - Aggressive growth & bright color
NEW	Tillinghast	Excellent performance in both putting green and fairway conditions - Fine texture with a medium-dark green hue - Strong disease resistance - Maintains high turf density without bentgrass bloat - Early spring green-up

BERMUDAGRASS

ESTABLISH 7 - 14 DAYS

Use in lawns, sports fields & for sod in Transition Zone and Southern locations

	Copperhead	Excellent turf quality for homes, parks and sports field - Rapid establishment & superior drought tolerance - Dark green color & medium fine leaf texture - Good Summer Patch resistance
	Royal TXD	Blend of superior Bermudagrass seed
	Mirage 2	Increased cold tolerance - Spring Dead Spot resistance & early spring green-up
	Yukon	Most cold tolerant seeded Bermudagrass - High density - Excellent turf quality & sheer strength

FINE FESCUE

ESTABLISH 18 - 21 DAYS

Excellent as a component for shade & low maintenance areas

STRONG CREEPING RED

	Chantilly	High turf quality & disease resistance - Excellent wear tolerance & superior density
	Garnet	Wear tolerant - High turf quality - Tolerates all maintenance levels & sun or shade - Drought tolerant - Dark green
	Maxima 1	Superior choice over Common or Boreal Creeping Red Fescue

SLENDER CREEPING RED

	Samanta	Salt tolerance - Rapid Blight & Red Thread resistance - Fine textured - Low maintenance
	Shoreline	Very high salinity tolerance - Excellent cold tolerance - Pink Snow Mold resistance - dense, cool temperature growth

SHEEP

	Quatro	Extremely fine blades - Distinct deep dark color - Shade tolerance - Establishes rapidly with very slow plant growth
--	---------------	--

CHEWINGS

	Chancellor	Improved variety - Excellent texture and density - Great turf quality - Tolerance of drought and shade - High winter survival
	Leeward	High turf quality down to fairway heights - Excellent traffic tolerance - High resistance to Leaf and Dollar Spot, Red Thread, Brown Patch & Chinch Bugs.
	Longfellow 3	Improved quality - Excellent density - Strong Red Thread & Dollar Spot resistance

HARD

	Eureka II	High shoot density - Dark green color - Drought tolerance & low maintenance
NEW	Leonidas	Excellent turf quality - Non-mown, lawn or fairways - High traffic tolerance - Fast establishment & superior shade tolerance - Dark green color - Excellent resistance to Dollar Spot, Leaf Spot & Summer Patch

TALL FESCUE**ESTABLISH 10- 14 DAYS**

Use with or without bluegrass for sod, lawns & sports fields from Mid-south to North

NEW	Bladerunner 3	Establishes easy - Heat and drought tolerant - Low-maintenance - Tolerant of shade & traffic - High disease resistance
	Crossfire 4	Excellent Brown Patch resistance - Wear & summer stress tolerance - High shade - Extremely low mowing - Very fine leaf texture - Superior summer, fall & winter density - Quick spring green-up
	Essential 2	Cool-season perennial - Dense, high-quality turfgrass - Excellent drought tolerance - Excellent traffic tolerance and recovery - Superior resistance to Brown Patch
	Fayette	Superior turf quality across all NTEP locations - Extreme wear tolerance - Very dark green color, fine texture & heat tolerant
	Foxhound	Dark green, dwarf, endophyte enhanced - Excellent drought tolerance & recovery - Wear & heat tolerant
NEW	Gallardo	Cool-season perennial - Dense, high-quality turfgrass - Excellent drought tolerance - Excellent traffic tolerance and recovery - Superior resistance to Brown Patch
	Houndog 8	High crown density - Fine texture - Top turf quality & disease resistance
NEW	Houndog Nine	Disease resistant - Very fine texture - Superior turf quality
	K-32	Forage tested - Will perform well in both tough summers and winters - Vigorous growth out-competes weeds, diseases, and is endophyte free
	Nightcrawler	Highly rhizomanous - Shade, drought, wear & heat tolerant - Superior Brown Patch resistance
	Rhizing Moon	Highly rhizomatous - Superior quality - Drought tolerant - Very dark green color
	Standout	Superior Resistance to Brown Patch -Excellent Turf Quality (all regions) - High Performance High or Low Maintenance - Aggressive Tillering and Rhizomes for - High Density
	Turfway	Dark green year-round - Excellent drought tolerance & Brown Patch resistance - High number of rhizomes.

PERENNIAL RYEGRASS**ESTABLISH 7 - 10 DAYS**

Use alone or with bluegrass for year-round quality & sod strength

	Allstar Fore	Excellent turf quality - High resistance to Gray Leaf Spot, Red Thread, Crown Rust & Pink Snow Mold - Very dark green color - Superior wear tolerance
NEW	Aspiration	Superior turf quality - High Gray Leaf Spot resistance - Superior overseeding performance - High density turf
	Aspire	Broad spectrum disease resistance especially Gray Leaf Spot & Helminthosporium
	Banfield	Gray Leaf Spot & Brown Patch tolerance - Improved turf quality & color
NEW	Derby Nova	Fine, uniform leaf texture for a smooth turf surface - Rich, dark green hue - Quick to germinate and establish - Excellent tolerance to foot traffic - Strong resistance to common turf diseases
	Fiesta Cinco	Top rated for turf quality in NTEP all locations - Excellent wear tolerance - Low winter kill & very dark green - High Red Thread & good Gray Leaf Spot
NEW	Gator Cinco	High Gray leaf spot - Superior Crown rust resistance - Superior turf quality high or low maintenance - Superior Wear tolerance - Excellent Salt tolerance
	Hancock	Dark green color, tiller density & fine leaf texture
	Karma	Highest Gray Leaf spot resistance - Superior turf quality - High density - Superior summer stress resistance & spreading
	Stamina	Wear tolerant & excellent drought recovery
	Thrive	Freedom from leaf diseases - Superior overall quality - Excellent drought tolerance
NEW	Wicked Cool	Superior performance in 2022 NTEP - Top turf quality in fairways, overseeding and traffic trials - Very Dark Green Color - Selected for Gray Leaf Spot, Dollar Spot and Rust Resistance

INTERMEDIATE PERENNIAL RYEGRASS**ESTABLISH 7 - 10 DAYS**

Improved transition for overseeding & excellent nurse grass for permanent turf

	Remedy	Superior Overseeding Performance - Smooth, Rapid Transition - Excellent Cold Temperature Germination - Fine Leaf Texture
	Transit 2600	Transitional ryegrass - Leaf texture comparable to perennial ryegrass - Dark color, highest density & smooth transition

BLUEGRASS**ESTABLISH 14 - 21 DAYS**

Use alone or with ryegrass, tall or fine fescue for year-round quality & sod strength

	Armada	America-type: Excellent turf quality - Drought & summer stress tolerance - Early spring green-up & good sod strength
NEW	Astral	Shamrocktype: Bright green, fine textured with fast establishment - Excellent traffic tolerance and recovery - High shade tolerance, Superior Rust resistance.
	Blue Velvet	Midnight-type: Traffic tolerant - Summer Patch - Necrotic Ring Spot & Leaf Spot resistant - Top turf quality - Drought tolerant
	Jackrabbit	Julia-type: Fast germination & establishment - Excellent tillering - High wear tolerance - Excellent transition zone performance - Summer Patch resistance - Dark green color & early spring green-up
NEW	Estrella	Shamrock-type: High turf quality - Medium dark green - Excellent seedling vigor and establishment - Superior traffic tolerance - Excellent resistance to stem and crown rust
	Fielder	Shamrock-type: Rapid establishment - Excellent traffic tolerance - Early spring green-up & superior summer performance
	Granite	Midnight-type: Dark green - Low mow tolerance - High density - Fine leaves - Great winter color & Summer Patch resistance
NEW	Martha	Washington-type: High turf quality - Medium dark green - Excellent seedling vigor and establishment - Superior traffic tolerance - Excellent resistance to stem and crown rust
	Mercury	America-type: Aggressive - Traffic & mow tolerance -Early spring green-up - Fine leaf texture & impervious to Rust
NEW	Northern Exposure	Compact-type with Midnight father: High seedling vigor and fast establishment - Excellent shade tolerance - Superior drought resistance and fast recovery - Traffic tolerance - Dollar Spot, rust, and leaf spot resistance
	Quantum Leap	Midnight-type: High drought tolerance - High performance all maintenance levels -Excellent sod strength & low mow tolerance
	Rhythm	Midnight-type: Compact vigorous growth - Summer performance & low mow tolerance
	Sombrero	Aggressive-type: High density - Traffic & drought tolerance combined with Snow Mold resistance

ROUGH BLUEGRASS**ESTABLISH 7 - 14 DAYS**

Southern winter overseed choice for bermuda greens. Northern turf mixes adds shade tolerance.

	Sabre 3	Quick germination - Dark green color - Fine leaf texture - Excellent for winter overseeding or deep shade
--	----------------	---

4^{turf} TETRAPLOID RYEGRASS4^{turf}® is a new generation of tetraploid perennial ryegrass varieties, developed to be quick establishing, strong, deep-rooting and tolerant to stress. 4^{turf}® is better able to withstand drought, cold, disease and wear.

4^t	Replicator	Winter hardy - Cold and heat tolerant - Mixes well with Tall Fescue - Germinates under lower soil temperatures & wear tolerant
4^t	Tetradark	Quick establishment - All year very dark green color - Superior Red Thread and Dollar Spot resistance - Excellent cold tolerance/growth Drought and wear tolerant - High salt tolerance during germination & young plants
4^t	Tetrasport	Superior drought tolerance - Germination & establishment under cold temperatures - Excellent traffic tolerance & recovery - Blends with tall fescue, Kentucky bluegrass, fine fescues & diploid perennial ryegrass

GROWING WITH DLF

Our customers demand a lot from their seed: yield, forage quality, winterhardiness and disease resistance. That is why we invest heavily in global R&D and Product Management. For more than 30 years, DLF R&D and Product Management have optimized forage grass and legume varieties ideal to local climatic and environmental conditions to seed the green future. We aim to deliver sustainable solutions with the potential to increase productivity of land and livestock, sequester carbon and reduce emissions in the supply chain.

Berry, Kentucky USA



Philomath, Oregon USA



Port Hope, Ontario Canada



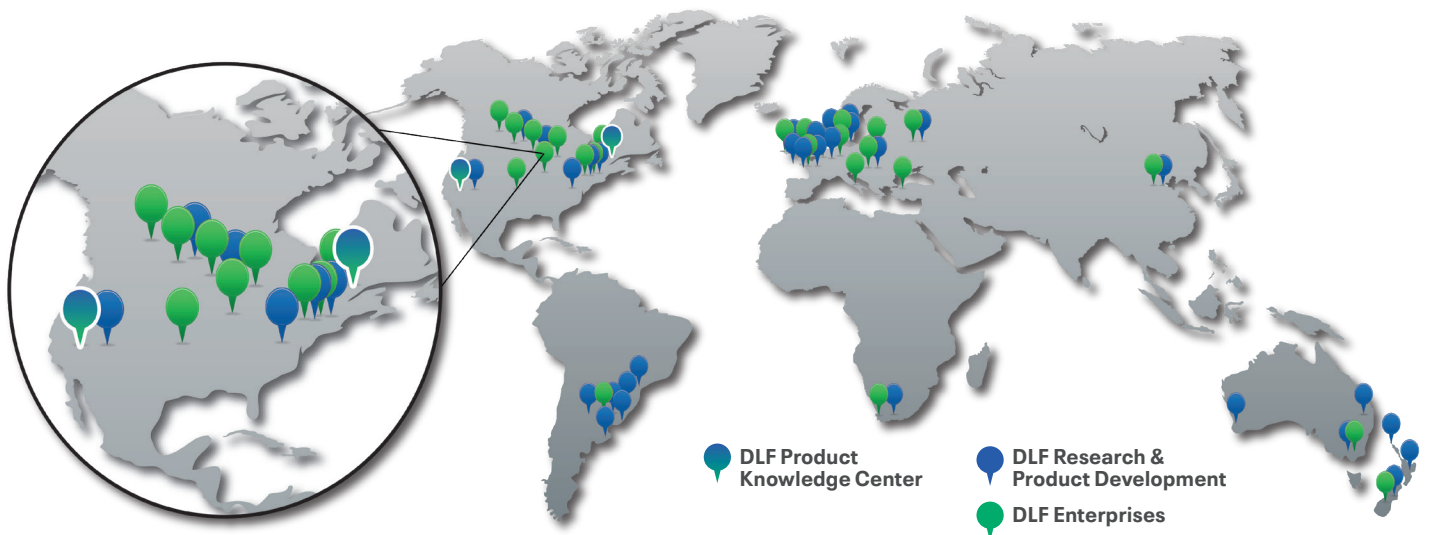
Touchet, Washington USA



West Salem, Wisconsin USA



THE WORLD OF DLF



WE ENRICH LAND, LIFE, AND PEOPLE THROUGH SEEDS AND SCIENCE

EMBRACING CHANGE AND LOOKING TO THE FUTURE

At DLF, we believe in the transformative power of seeds and science to create a better future. As a farmer-owned cooperative with deep roots, expert knowhow, and global presence, we are uniquely positioned to lead the change in addressing the challenges of climate change and biodiversity loss through our product solutions and their productivity.

Our purpose "*We enrich land, life and people through seeds and science*" captures the heart of who we are and what we aim to achieve.

A LEGACY OF COLLABORATION AND INNOVATION

Founded on the democratic traditions of cooperation, DLF has grown from a local Danish seed producer to a global leader in forage and turf seed. Guided by the collective dedication of our farmer-owners and suppliers, we bring locally adapted seed solutions to over 100 countries. Our heritage ensures business resilience, and our forward-looking mindset drives innovation.

We see the world's challenges not as obstacles, but as opportunities to make a difference. By blending science with sustainability, we aim to create products and solutions that go beyond profitability, contributing to ecosystems, economies, and communities.

SEEDS AS CATALYSTS FOR A GREEN TRANSITION

Seeds are a catalyst of the green transition. They are simple, essential, scalable, and regenerative. Through plant breeding and scientific research, our seeds work both above and below the ground to deliver dual-purpose solutions that address critical issues.

Above the ground innovative seeds enable biomass production and quality of leaves, enhance biodiversity and tolerance to disease, and stabilize landscapes through erosion control.

Below the ground our seeds enable carbon capture, improve soil health, reduce nutrient loss, and foster stable, resilient ecosystems. As global market leaders, we invest in future growth levers to build seeds for a changing climate and use our expertise to unfold future opportunities for businesses and people.

ENRICHING LAND, LIFE, AND PEOPLE

DLF's commitment to innovation enriches ecosystems and enhances quality of life for all living organisms. By leveraging our local knowledge and global presence, we bring green surroundings and climate-resilient solutions to people and communities.

THE POWER OF COLLABORATION

Our purpose is grounded in DLF's cooperative model and a deep-rooted belief that collaboration is the path forward. By uniting farmers, scientists, and businesses, we unlock the full potential of seeds to drive positive change. Together, we are more than a seed supplier – we are partners in transformation, empowering our sector and communities to thrive.

A FUTURE GROUNDED IN PURPOSE

DLF's long-term purpose strengthens us as a company with a significant societal and environmental impact. The phrase "*We enrich land, life and people through seeds and science*" reflects our commitment to creating a better future. It is a story of passion, potential, and positivity.

As we continue to lead the seed sector, we remain dedicated to bridge the past and the future, tradition and innovation, local presence, and global impact.

WE WORK WITH NATURE AND SCIENCE TO BRING RESILIENT SEED SOLUTIONS FOR LAND, LIFE AND PEOPLE.

33080 Red Bridge Road, SE
Albany, OR 97322
dlfinfo@dlfna.com

O: 541-369-2251
F: 541-369-2640
us.dlf.com

