

TURFLINE[®]
– Improve your lawn

 **DLF**
TRIFOLIUM
SEEDS & SCIENCE



Turflin

– Improve your lawn

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DLF-TRIFOLIUM SEEDS & SCIENCE

DLF-TRIFOLIUM closely focuses on the demands of customers as well as on the latest trends in the grass seed and clover markets. Offering one of the world's largest research and breeding programmes in both turf and forage, DLF-TRIFOLIUM is working continually to improve the quality and reliability of all its varieties. To ensure these varieties meet the needs of the marketplace, they are tested in a worldwide trialing network to assess their adaptation to different environmental conditions and uses.

DLF-TRIFOLIUM is the world's largest producer and distributor of grass seed, with subsidiaries in Denmark, Sweden, Holland, Belgium, UK, France, Germany, Czech Republic, Russia, China, New Zealand, United States and South America. From such a worldwide distributor network, customers can expect the best service and support.

TURFLINE – THE STRONG CHOICE

Turflin is a strong, European-wide brand designed to fulfill the varying requirements of lawn seed. The mixtures are carefully designed to set higher standards for quality and appearance of lawns. The mixtures also offer fine balanced compositions of high quality varieties creating lawns with dense and fine-leaved growth. All varieties are proved and tested under local climatic conditions.



Turfline – the Right Choice

The Turfline range covers every possible need for the consumer as it comes in eight different mixtures. Whether the consumer has a need for a drought and heat tolerant mixture, a mixture that thrives in shady areas or maybe a wear tolerant mixture for the family lawn – The Turfline range has the answer.

The Turfline range also contains the unique Microclover® as part of the Eco Lawn mixture. With Microclover® in the lawn the need for fertilisation and irrigation is less and the lawn becomes more green and dense. Microclover® is a breakthrough within environmentally friendly lawns as the clover spoon-feeds the grass with nitrogen. The Microclover® lawn is wear resistant, at the same time green and very easy to maintain. For further information on Microclover® see www.dlf.com.



The patented iSeed® makes Turfline Grass Fix the ideal choice for overseeding. iSeed® is a fertiliser coating that gives the seed the best start possible as the fertiliser is placed right where the seed needs it. The main benefits of iSeed® are:

- good establishment
- fast early growth
- less weeds
- green lawn
- dense lawn
- time saving
- environmentally friendly



For further information on iSeed® see www.dlf.com.

Turfline is available in 1 kg boxes and 7.5 kg bags as well as 20 kg standard bags. Please note that Wild Meadow is available in 0.5 kg and 1 kg boxes. Soft is available in 1 kg boxes and 20 kg standard bags.

ORNAMENTAL

The quality mixture consists of fine leaved species that gives you the best carpet of compact and low growing grass. The mixture grows well in both sun and shade. Lateral growth, both above and below ground, ensures good regeneration after some wear and damage.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

20% Festuca rubra commutata
45% Festuca rubra rubra
10% Poa pratensis
5% Festuca ovina duriuscula
20% Lolium perenne

Hot & dry regions
Sowing rate: approx. 3 kg/100 m²

10% Lolium perenne
50% Festuca arundinacea
30% Festuca rubra rubra
10% Poa pratensis



SPORT

This quality mixture consists of wear tolerant and fine leaved species that gives you the best carpet of strong grass. The mixture grows well in both sun and shade. Lateral growth below ground ensures repair of damage after wear.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

30% Festuca rubra commutata
20% Poa pratensis
30% Lolium perenne
5% Festuca ovina duriuscula
15% Festuca rubra trichophylla

Hot & dry regions
Sowing rate: approx. 3 kg/100 m²

65% Festuca arundinacea
15% Poa pratensis
20% Lolium perenne



SHADOW

This quality mixture consists of very fine leaved species that gives you the best carpet of dense, shade tolerant grass. The mixture grows particularly well in shady areas in home gardens and parks. The mixture is particularly suited for low input of water and fertiliser thus very sustainable for the environment.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

40% Festuca rubra rubra
25% Festuca rubra trichophylla
10% Festuca ovina duriuscula
5% Poa trivialis
20% Lolium perenne

Hot & dry regions
Sowing rate: approx. 3 kg/100 m²

15% Lolium perenne
50% Festuca arundinacea
25% Festuca rubra rubra
10% Poa pratensis



SUNSHINE

The quality mixture consists of fine leaved species that gives you the best carpet of compact and low growing grass with high drought tolerance. The mixture grows well in both sun and shade. Lateral growth below ground ensures a good regeneration after wear and damage.

All-round mixture for both hot & dry as well as for cold and temperate regions
Sowing rate: approx. 3 kg/100 m²

25% Lolium perenne
45% Festuca arundinacea
20% Festuca rubra rubra
10% Poa pratensis



SOFT

The grasses chosen for this mixture have all been selected for softness and density - warm and nice to touch and with the nicest green colour. The mixture grows well in both sun and shade. It is also suited for more low input areas.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

30% Festuca rubra commutata
35% Festuca rubra rubra
5% Agrostis stolonifera
5% Festuca ovina
25% Lolium perenne



WILD MEADOW

The mixture consists of approx. 20 different annual and perennial wild flowers all differing in colours and growth together with a mixture of slow growing companion grasses. When carefully established and maintained this will provide a highly decorative wild meadow look. The best time for sowing is late summer/early autumn.

Sowing rate: approx. 1 kg/100 m²



GRASS FIX

With the unique iSeed® every single seed is coated with essential fertiliser and minerals. This enables fast and vigorous establishment thus saving cost due to the efficient nutrient use as the fertiliser is placed right where the seed needs it - no excess nitrogen is needed. Each seed is heavier than normal which ensures optimal contact with the soil and makes it easy to handle when sowing. The grass mixture has a high percentage of the fast establishing Perennial Ryegrass.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

- 60% Lolium perenne
- 30% Festuca rubra rubra
- 10% Poa pratensis

iSeed® technology is subject to patents and patent application by Yara International ASA. iSeed® is a registered trademark by Yara.



ECO LAWN

This unique mixture provides the ecological solution to a nice green lawn by using less or no nitrogen as fertilisation. It can be used both in home gardens, parks and for playgrounds. The best time for sowing is early spring or late summer. The tiny leaved Microclover® ensures a perfect mix of clover and grass and provides an attractive lush green look and feel that will last from spring to autumn.

Cold & temperate regions
Sowing rate: approx. 3 kg/100 m²

- 30% Lolium perenne
- 5% Poa pratensis
- 20% Festuca rubra trichophylla
- 40% Festuca rubra rubra
- 5% Microclover®



Choose the Right Mixture

PURPOSE AND SUITABILITY

MIXTURE	LUXURY LAWN	NORMAL LAWN	PLAY-GROUND	SPORTS FIELD	PARK	FLOWER MEADOW
ORNAMENTAL	★ ★ ★	★ ★ ★ ★	★ ★ ★	★ ★	★ ★ ★	
SPORT	★ ★ ★	★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★	
SHADOW	★ ★ ★ ★	★ ★ ★	★ ★	★	★ ★ ★ ★	
SUNSHINE		★ ★ ★ ★	★ ★ ★	★ ★	★ ★ ★ ★	
SOFT	★ ★ ★ ★	★ ★ ★ ★	★ ★	★	★ ★ ★ ★	
WILD MEADOW						★ ★ ★ ★
GRASS FIX	★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	
ECO LAWN		★ ★ ★ ★	★ ★ ★	★ ★ ★	★ ★ ★ ★	

★ ★ ★ ★ = Very well suited ★ ★ ★ = Well suited ★ ★ = Suitable

Species Used in the Turflin Mixture Range

FOR COLD & TEMPERATE REGIONS

Red Fescue (*Festuca rubra*) is a very fine-leaved, dense and drought, shade, and cold tolerant grass. It is used as the main component in mixtures for gardens and shady places.

Smooth-stalked Meadow-grass (*Poa pratensis*) has the highest wear tolerance and also a very high cold tolerance. This makes it a very important component in mixtures for sports and hard wear.

Perennial Ryegrass (*Lolium perenne*) exhibits both high wear tolerance and fast establishment. It is added to the mixtures to ensure rapid greening up of the area.

Hard Fescue (*Festuca ovina duriuscula*) has a fantastic drought tolerance and is added to mixtures for road verges. The drought tolerance is combined with cold tolerance and very fine leaves.

Creeping Bent (*Agrostis stolonifera*) has the most soft leaves of all grasses. It is used in the mixture Soft.

FOR HOT & DRY REGIONS

Tall Fescue (*Festuca arundinacea*) is a perfect grass for hot and dry regions. It has a very deep root system, which ensures a good water take-up and a cooling down effect on the plants. The wear resistance is very high and the shade tolerance is good. This makes it the principal component in mixtures for hot & dry conditions.

Smooth-stalked Meadow-grass (*Poa pratensis*) has a good heat tolerance. After a very hot period, Smooth-stalked Meadow-grass is also able to recover quickly from the underground rhizomes.

Perennial Ryegrass (*Lolium perenne*) is used as the "starter" of the mixture for rapid establishment and green-up.

Red Fescue (*Festuca rubra*) is a very fine-leaved, dense and drought and shade tolerant grass. It is used as component in mixtures for gardens and shady areas.

TROPICAL - MIXTURES FOR VERY HOT & DRY AREAS

For the very hot and dry areas the Turflin range of mixtures has been expanded with a special mixture composed of two types of Tall Fescue, Perennial Ryegrass and an improved Bermuda Grass. The last being a subtropical grass that grows under long dry summers and mild winters.

The mixture is available in the Turflin brand and the packaging is marked with a sticker as shown below.



Seed Grass Passion

It is our pleasure to present you with the flexible Turfline brand with grass varieties from the unique portfolio of DLF-TRIFOLIUM. Top quality grass seed and innovative solutions give the best high performance grass cover for all purposes - bringing innovation to the private garden. Two unique innovative solutions offered by DLF-TRIFOLIUM are Microclover and iSeed®.

Turfline has become one of the largest brands in Europe on the consumer market. The strong development of the brand is based on the reliable and always high performing varieties used as well as the recognition hereof.

