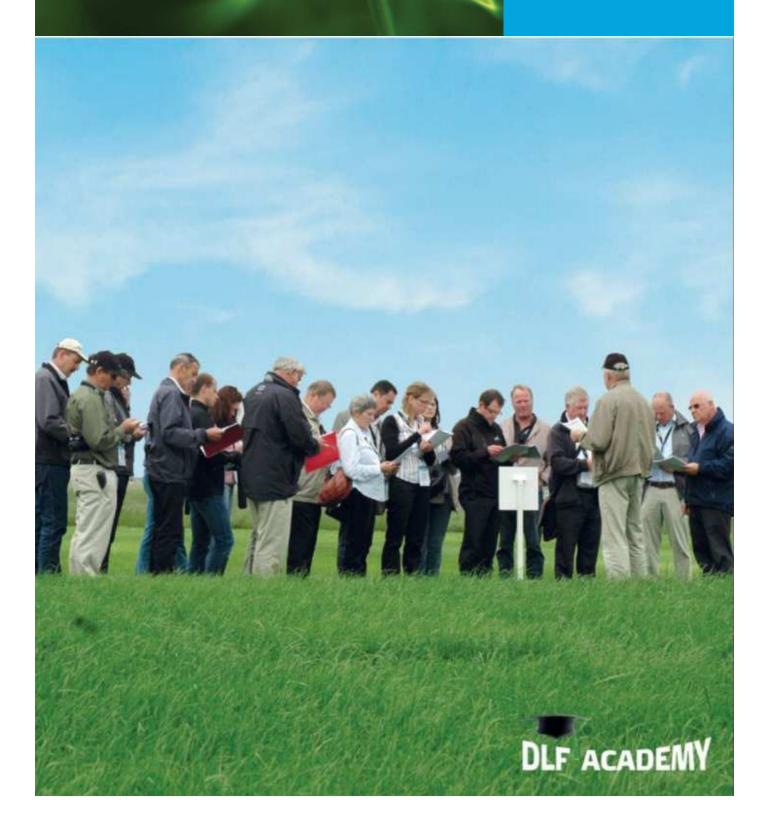
# **DLF** Academy





## **DLF** Academy

#### **Table of Contents**

## **DLF Academy-Forage**

#### I. Corporate presentation, DLF-forage

-The key factors and the business area of DLF within forage

#### II. DLF - R&D, Forage

The key issues and the focus areas of DLF R&D within forage

#### A. Species, varieties and mixtures

#### a. Forage grasses

-Description, properties and utilization of the common forage grasses

#### b. Forage legumes

-Description, properties and utilization of the common forage legumes

#### c. Forage varieties

-What is a variety and why are they important?

#### d. Forage mixtures

- Theory and praxis. Choice of mixture for various purposes

#### B. Establishment of grassland

#### a. Soil preparations, time for sowing

-How to make the perfect seed bed and why it is important

#### b. Seeding grassland

-Time, equipment, sowing rates, use of cover crop

#### C. Management of grassland

#### a. Fertilization for grassland

-Main nutrients and general recommendations

#### b. Weeds and weed control

-Main weeds problems in grasslands and how to avoid them

#### c. Diseases on grasses

-Main diseases and how to avoid them

#### d. Overseeding

-How to improve existing grassland with minimum of disturbance

#### D. Feeding with grass

#### a. Forage quality and feeding value.

-DNDF as important parameter for high milk-and meat production

#### b. Feeding value of grasses and legumes

-Feeding values of grasses and legumes

c. Grass for beef cattle

-Which parameters are of most importance for beef cattle?

#### d. Grass for horses

Which parameters are of most importance for horses?

#### E. Making quality silage

- a. Making quality silage from grassland
  - -The right harvest time and procedure
- F. Making quality hay

#### a. Making quality hay

-The right harvest time and equipment

#### G. Grassland for grazing

#### a. Grazing planning

-Tools for planning of grazing

#### b. Grazing management

-Strategy for field management under grazing

#### H. Grassland Economy

#### a. Value of grassland in feeding

-The value of grassland in feeding

#### I. Environment and sustainability

#### a. Grass and black oats as catch crop

-How does it work in maize and cereals?

b. Grass for bioenergy

-Grass for biogas production

#### c. Carbon footprint from grassland

-What is the benefit of grassland in the CO2 balance?

#### J. Beets for fodder and energy

#### a. Beets as feed for cows

-The value of fodder beets in the diets of dairy cows.

#### b. Beets for bioenergy

-The value of beets for biogas production

### c. Growing beets.

-Soil preparations, sowing, fertilizing, weed, pest- and disease-control.

#### d. Breeding beets

-Varieties, seed production, seed quality

#### K. Forage solutions by DLF

#### L. Alfalfa

#### a. Botany of the crop

-Rooting, development, dormancy, types

#### b. Growing alfalfa

-Multiplication methods, inoculation

#### c. Benefits and economy by growing alfalfa

-Key sales points, grass/alfalfa/maize, protein & N autonomy

#### d. Mixing alfalfa and grasses

-Improving quality, proteins, value

#### e. Varieties

-description of varieties

## **DLF Academy-Turf**

#### A. Corporate presentation, DLF - turf

-The key factors and the business area of DLF within turf

#### **B. DLF Science and Innovation - turf** *The key issues and the focus areas of DLF R&D within turf*

#### C. Species, varieties and mixtures

#### a. Turf species

-Description, properties and utilization of the common turf species

#### b. Turf varieties

-What is a variety and what is important

*c.* Turf mixtures -Theory and praxis. Choice of mixtures for various purposes

#### D. Establishment of turf areas

#### a. Soil preparations, seeding and fertilizing

-How to make the perfect seedbed, the seeding and fertilization

#### E. Maintenance of turf

#### a. Maintenance of turf

-How to maintain the turf: fertilisation, weed-pests-disease control, overseeding

#### b. Maintenance of golf greens

-Results of Bingley-2013 greens overseeding trials

#### c. Overseeding warm-season - golf courses

How to overseed warm-season golf fairways, tees, rough & greens – with cool-season grasses

#### F. Products and Concepts

a. 4turf

-What is 4turf and the strength and use here-off

#### b. Axcella

-What is Axcella and the strength and use here-off

#### *c.* Microclover -What is Microclover and the strength and use here-off

*d.* Roots-Rhizomes-Stolons -Different root systems and how they work and which benefits

#### e. Salt tolerance

-What is salt tolerance and the benefit here-off

#### f. Sustainability

-What does sustainability mean and which concepts does the best fit

#### g. WinterOverSeeding

-What does this mean and which products are the perfect fit

#### h. TQS/SOD

-Solutions from DLF for the very high quality SOD/Turf market

#### i. Drought -solutions with varieties and mixtures

## **DLF Academy - Seed Treatment and Additives**

#### A. Seed Treatment

- a. Seed Treatment in general-
  - a1. Forage seed treatment
  - Why is Seed Treatment beneficial in many cases in forage
  - a1. Turf seed treatment
  - Why is Seed Treatment beneficial in many cases in turf

#### b. ProNitro - SeedBooster

-What is ProNitro - SeedBooster and the benefits here-off

c. ProMicro -What is ProMicro and the benefits here-off in turf and forage

#### d. ProLime

- What is ProLime and the benefits here-off

#### e. Bio stimulants

- What is bio stimulants and the benefit here-off

#### **B.** Additives

#### a. Cocopeat

-Why blend seed, fertilizer and cocopeat?

## DLF Academy Certificate



## We hereby certify that

.....

Has completed the training programme in management of:

•

Time: .....

Place: .....

Yours sincerely

DLF

Mogens Toft Jensen

Head of Product Management

