



# SICOFERT SL TURF

## GOLF TURF

### Maintenance requirements....

- High sward density
- Moderate clipping yields
- Free from weeds (annual meadow grass etc.)
- Resistance to stress from close mowing
- Smooth turf surface
- Reduced susceptibility to drought
- Resistance to wear
- No nutrient losses by leaching or volatilisation
- Easthetically pleasing turf
- Resistance to attack by fungal diseases

### Annual nutritional requirements of GOLFCOURSES (g/m<sup>2</sup>)

	N	P2O5	K2O	MgO
<b>Golf greens</b>				
- sand constructions	35 – 45	9 – 12	20 – 25	3 – 5
- soil	25 – 30	5 – 8	12 – 18	2 – 3
<b>Tees/approaches</b>	20 – 25	5 – 8	8 – 10	3 – 5
<b>Fairways</b>	8 – 12	4 – 8	7 – 12	1 – 3

### .... Which can be satisfied with: **SICOFERT SL TURF (3-4 M):**

A comprehensive product range for individually designed fertilisation management in Turf. Based on synthetic organic Nitrogen derived from an advanced methylene urea technology.

#### \* ECONOMIC BENEFITS

- Fewer applications = labour saving benefits
- No nitrogen losses
- No flushes of growth = less mowing frequencies
- No granule losses by mower pick-up

#### \* CROP-SPECIFIC BENEFITS

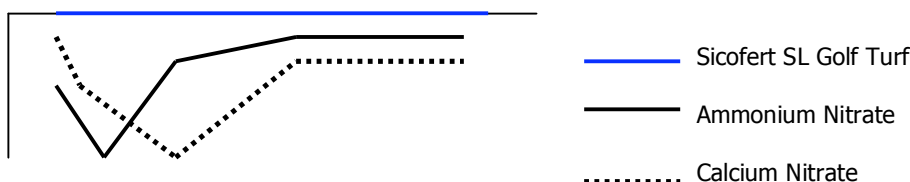
- Non-burning, low salt index, high crop safety
- Fast green-up
- Satisfactory aesthetic appearance
- Improved root development
- Continuous and long lasting N-supply
- High sward density
- No thatch formation
- Improved plant health, increased drought tolerance

#### \* ENVIRONMENTAL BENEFITS

- Enhanced biological activity of the soil
- Environmentally safe
- No leaching, no ammonia volatilisation

Leaching of nitrate-N from SICOFERT SL TURF compound fertilisers compared to the water soluble nitrogen fertilisers

### Amount of water applied on the soil column surface (ml)



Trial period: approx. 2 weeks

Soil column: sand

2 g of fertiliser applied to the surface area of the column (38.5 cm<sup>2</sup>)

Simulation of 26 cm precipitation/m<sup>2</sup>

Source: A.K. Alva, University of Florida, publ. 1992

Nitrogen derived from Sicofert SL Golf Turf (17% total N = 2.13% urea-N + 14.87% methylene-urea N)

**CONCLUSION:** Fertilisers on the basis of SICOFERT SL TURF have the important property of minimising nitrate-N losses by leaching also in sandy soils.



**PRODUCT INFO  
& DATASHEET**

***Your key for an individually designed nitrogen fertilisation management programme !***

The following proposals give recommendations for fertilisation programmes with regard to the different product types of SICOFERT SL TURF. The amount of nutrients supplied in this connection corresponds to the annual nutrient requirement of turf grass areas (please see page 1). Therefore, these fertilisation programmes can be considered as a key for your individual fertilisation management.

**\* Golf Greens – Putting Greens**

	SAND ROOT ZONES		SOIL ROOT ZONES	
Timing	Rate of use (g/m <sup>2</sup> )	Product	Rate of use (g/m <sup>2</sup> )	Product
Early spring (March)	40	SICOFERT SL TURF 1	30	SICOFERT SL TURF 1
Mid/late spring (May)	40	SICOFERT SL TURF 1	30	SICOFERT SL TURF 1
Early summer (July)	50	SICOFERT SL TURF 1	20	SICO SL Premium 39N
Mid/late summer (August)	40	SICOFERT SL TURF 3	30	SICOFERT SL TURF 1
Late season (Oct./Nov.)	30	SICOFERT SL TURF 2	30	SICOFERT SL TURF 2

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 38.5 / P2O5 = 9 / K2O = 24 / MgO = 5.6

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 30.5 / P2O5 = 4.5 / K2O = 13.2 / MgO = 3.6

**\* Tees - Approaches**

**Alternative**

Early spring (March)	40	SICOFERT SL TURF 1	40	SICOFERT SL TURF 1
Mid/late spring (May)	40	SICOFERT SL TURF 1	30	SICOFERT SL TURF 1
Mid/late summer (August)	40	SICOFERT SL TURF 1	30	SICOFERT SL TURF 3

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 24 / P2O5 = 6 / K2O = 9.6 / MgO = 3.6

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 20 / P2O5 = 5 / K2O = 11 / MgO = 3

Programme for weakened fairways subject to the invasion of annual meadow-grass

**\* Fairways**

Mid/late spring (May)	50	SICOFERT SL TURF 4	30	SICOFERT SL TURF 2
Mid/late summer (August)	30	SICOFERT SL TURF 4	30	SICOFERT SL TURF 2

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 12 / P2O5 = 4 / K2O = 12 / MgO = 2.4

Nutrient rates applied per year (g/m<sup>2</sup>):  
N = 9 / K2O = 12 / MgO = 1.8

In case of optimal supply with phosphate, potassium and magnesium, we recommend SICO SL Premium 39N and SICOFERT SL TURF 3 which only contains nitrogen. In soils with low extractable phosphate, the application OF SICOFERT SL TURF 3 as mid/late summer application is recommended.

**Warm-season turfgrasses such as common and hybrid Bermudagrass, Zoysia, Centipede, St. Augustine, where fertilisation is done throughout the growing season, require higher levels of nitrogen for best performance than cool-season grasses. Consult local recommendation service.**

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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EVERY TIME THE *right* SOLUTION