COMPO EXPERT®

Amenity Turf PRODUCT GUIDE

2022/23

COMPO EXPERT® believe in sustainable integrated turf management by focusing on modern fertilisation technology for consistent growth and optimal support of the plants own physiological processes. All of which promote regeneration, stress tolerance and root development while providing optimum turf quality. We focuse on:

Spring growth
(Spring)

Regeneration
(Summer)

Resistance
(Autumn)

Granular

Floranid® Twin Eagle 4

Floranid® Twin 7

Fertilis® 12

Enforce® 15

Basatop® 19

EasyGreen 24

Ferro Top® 27

Kali Gazon® 37

Agrosil® LR 35

Agrosil® Algin 36

Liquids

Basfoliar® 37

Vitanica® 42

Wetting agent

Kick® 50

Kick® Dry Leaf 51

Kick® LDS 52

Kick® Fairway 52

Floranid® Twin Eagle.

Double N technology with efficient sustainable nutrient supply for fine turf.

COMPO EXPERT®

Floranid® Twin Eagle Master

19-5-10 (+2MgO)

Mar-Sept

2,5 % nitrate
8 % ammonium
5,1 % IBDU
3,4 % CDU

Floranid®Twin Eagle Master delivers nitrogen without excessive growth and clippings. The **ideal** analysis for the first application of the season.

Analysis	19	5	10	2	7	0.020	0.1	0.7	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	28.5	7.5	15	3	10.5	0.03	0.15	1.05	0.015	0.015
20	38	10	20	4	14	0.04	0.2	1.4	0.02	0.02
25	47.5	12.5	25	5	17.5	0.05	0.25	1.75	0.025	0.025
30	57	15	30	6	21	0.06	0.3	2.1	0.03	0.03
35	66.5	17.5	35	7	24.5	0.07	0.35	2.45	0.035	0.035
40	76	20	40	8	28	0.08	0.4	2.8	0.04	0.04

Floranid® Twin Eagle NK

17-0-16 (+2MgO)

Mar-Aug

2,7 % nitrate
6,7 % ammonium
4,6 % IBDU
3 % CDU

The ideal **NK** ratio of almost **1 : 1** promotes **healthy**, vigorous **growth** and provides **resistance** to **heat**, **drought** and **cold** conditions.

Analysis	17	0	16	2	8	0.020	0.1	0.5	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	25.5	0	24	3	12	0.03	0.15	0.75	0.015	0.015
20	34	0	32	4	16	0.04	0.2	1	0.02	0.02
25	42.5	0	40	5	20	0.05	0.25	1.25	0.025	0.025
30	51	0	48	6	24	0.06	0.3	1.5	0.03	0.03
35	59.5	0	56	7	28	0.07	0.35	1.75	0.035	0.035
40	68	0	64	8	32	0.08	0.4	2	0.04	0.04

Floranid® Twin Eagle K

12-0-24 (+3MgO)

All year potential

2,4 % ammonium
5,7 % IBDU
3,9 % CDU

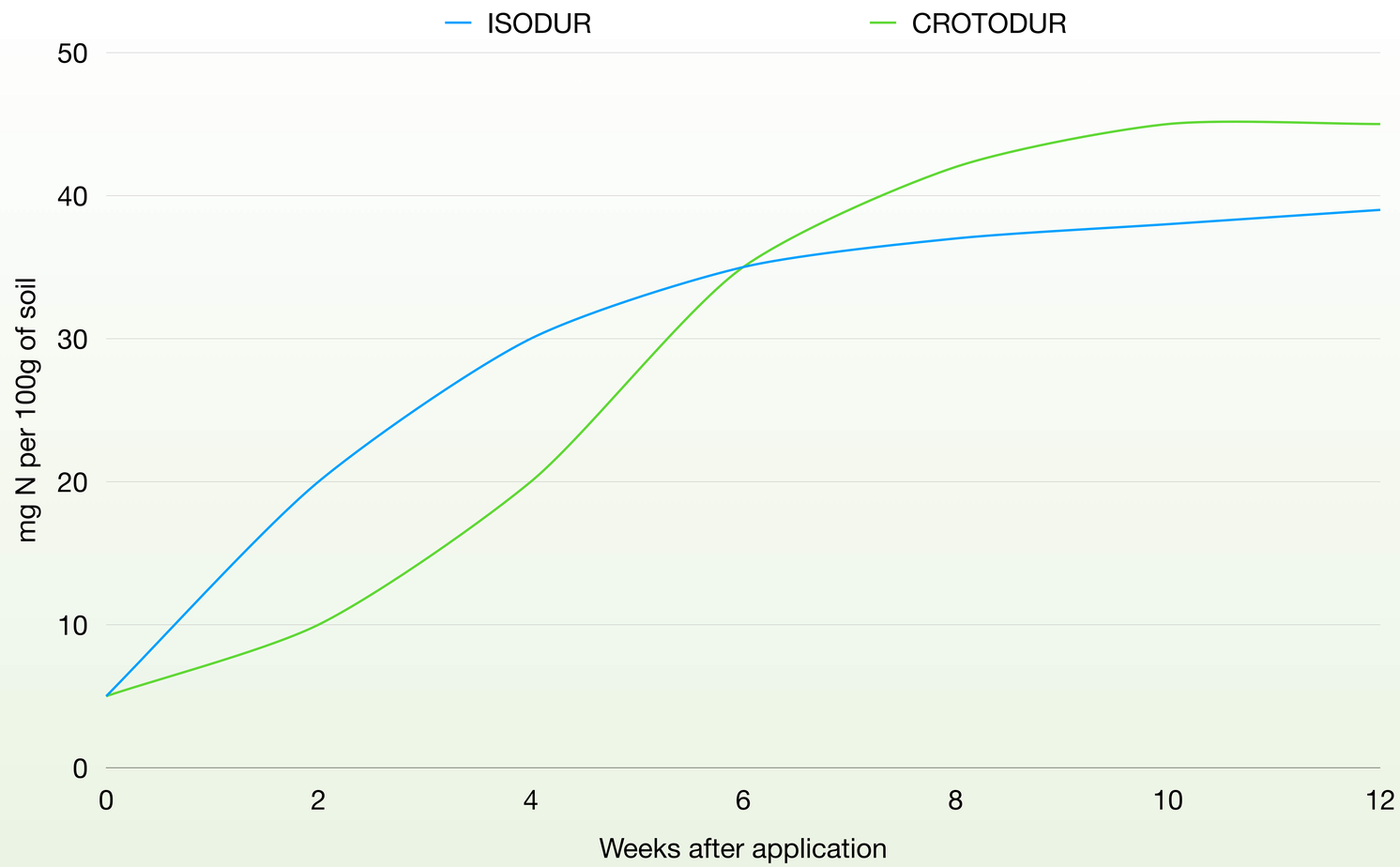
The turf-specific K ratio of 1 : 2 ensures resistance to frost and makes **Floranid®Twin Eagle K** an ideal autumn fertiliser without excessive growth and clippings.

Analysis	12	0	24	3	8	0.020	0.1	1	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	18	0	36	4.5	12	0.03	0.15	1.5	0.015	0.015
20	24	0	48	6	16	0.04	0.2	2	0.02	0.02
25	30	0	60	7.5	20	0.05	0.25	2.5	0.025	0.025
30	36	0	72	9	24	0.06	0.3	3	0.03	0.03
35	42	0	84	10.5	28	0.07	0.35	3.5	0.035	0.035
40	48	0	96	12	32	0.08	0.4	4	0.04	0.04

Floranid® Twin Eagle

Characteristics

- Granule size - **0.5-1.4 mm**
- Cutting height - **All turf**
- Longevity - **3+ months**
- Application rate - **15-40 g/m²**
- Bag Coverage - **625-1,666 m²**
- Bags/ha - **6-16**
- Areas of use - **Golf greens / Fine turf**
- Turf response - **3-4 days**
- Granule dispersal - **1-3 days**



Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
15	6	4	L 1/2	
20	6	4	M 1/2	K1/2
25	6	4	N	L
30	6	4	O	L 1/2
35	6	4	P	M
40	6	4	Q 1/2	M 1/2

Floranid® Twin.

Double N technology with efficient sustainable nutrient supply for sports turf

+ISODUR® +CROTODUR®

COMPO EXPERT®

Floranid® Twin Turf BS

20-5-8 (+2MgO)

Mar-Sept

2,5 % nitrate
8 % ammonium
5,7 % IBDU
3,8 % CDU

The added ***Bacillus subtilis*, selection E4-CDX®** promotes vital **root growth**, increase the overall **resistance** of turf and disorientates **nematodes**.

Analysis	20	5	8	2	7	0.020	0.1	0.85	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	30	7.5	12	3	10.5	0.03	0.15	1.275	0.015	0.015
20	40	10	16	4	14	0.04	0.2	1.7	0.02	0.02
25	50	12.5	20	5	17.5	0.05	0.25	2.125	0.025	0.025
30	60	15	24	6	21	0.06	0.3	2.55	0.03	0.03
35	70	17.5	28	7	24.5	0.07	0.35	2.975	0.035	0.035

Floranid® Twin NK

14-0-19 (+3MgO)

Feb-Nov

2,6 % nitrate
6,4 % ammonium
3 % IBDU
2 % CDU

Floranid®Twin NK is a finely granulated **phosphate-free** long-term fertiliser with a **reliable slow nitrogen** release over several months.

Analysis	14	0	19	3	11	0.020	0.1	0.5	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	21	0	28.5	4.5	16.5	0.03	0.15	0.75	0.015	0.015
20	28	0	38	6	22	0.04	0.2	1	0.02	0.02
25	35	0	47.5	7.5	27.5	0.05	0.25	1.25	0.025	0.025
30	42	0	57	9	33	0.06	0.3	1.5	0.03	0.03
35	49	0	66.5	10.5	38.5	0.07	0.35	1.75	0.035	0.035

Floranid® Twin Turf

20-5-8 (+2MgO)

Mar-Sept

2,5 % nitrate
8 % ammonium
5,7 % IBDU
3,8 % CDU

Floranid®Twin Turf has an ideal nutrient ratio for high-quality turf that contains double N technology made of **ISODUR®** and **CROTODUR®**.

Analysis	20	5	8	2	7	0.020	0.1	0.85	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	30	7.5	12	3	10.5	0.03	0.15	1.275	0.015	0.015
20	40	10	16	4	14	0.04	0.2	1.7	0.02	0.02
25	50	12.5	20	5	17.5	0.05	0.25	2.125	0.025	0.025
30	60	15	24	6	21	0.06	0.3	2.55	0.03	0.03
35	70	17.5	28	7	24.5	0.07	0.35	2.975	0.035	0.035

Floranid® Twin Club

10-5-20 (+4MgO)

Autumn-Winter

4 % ammonium
3,6 % IBDU
2,4 % CDU

Floranid®Twin Club is a **slow-release fertiliser** with a very high **potash** and **magnesium** content for the targeted nutrient supply.

Analysis	10	5	20	4	9	0.020	0.1	1	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	15	7.5	30	6	13.5	0.03	0.15	1.5	0.015	0.015
20	20	10	40	8	18	0.04	0.2	2	0.02	0.02
25	25	12.5	50	10	22.5	0.05	0.25	2.5	0.025	0.025
30	30	15	60	12	27	0.06	0.3	3	0.03	0.03
35	35	17.5	70	14	31.5	0.07	0.35	3.5	0.035	0.035

Floranid® Twin Permanent

16-7-15 (+2MgO)

Mar-Sept

3,5 % nitrate
6,5 % ammonium
3,6 % IBDU
2,4 % CDU

Floranid®Twin Permanent is a universal long-term fertiliser that promotes vital **root growth** and **increases** the **resistance** of fine turf species.

Analysis	16	7	15	2	8	0.020	0.1	0.5	0.01	0.01
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	24	10.5	22.5	3	12	0.03	0.15	0.75	0.015	0.015
20	32	14	30	4	16	0.04	0.2	1	0.02	0.02
25	40	17.5	37.5	5	20	0.05	0.25	1.25	0.025	0.025
30	48	21	45	6	24	0.06	0.3	1.5	0.03	0.03
35	56	24.5	52.5	7	28	0.07	0.35	1.75	0.035	0.035

Characteristics

- Granule size - **0.7-2.8 mm**
- Cutting height - **> 6 mm**
- Longevity - **3+ months**
- Application rate - **20-40 g/m²**
- Bag coverage - **714-1,666 m²**
- Bags/ha - **8-16**
- Area of use - **Tees / Surrounds / Fairways / Sports fields**
- Turf response - **3-4 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
20	5	4	M	J 1/2
25	5	4	N	K
30	5	4	N 1/2	L
35	5	4	O	L 1/2
40	5	4	P	M

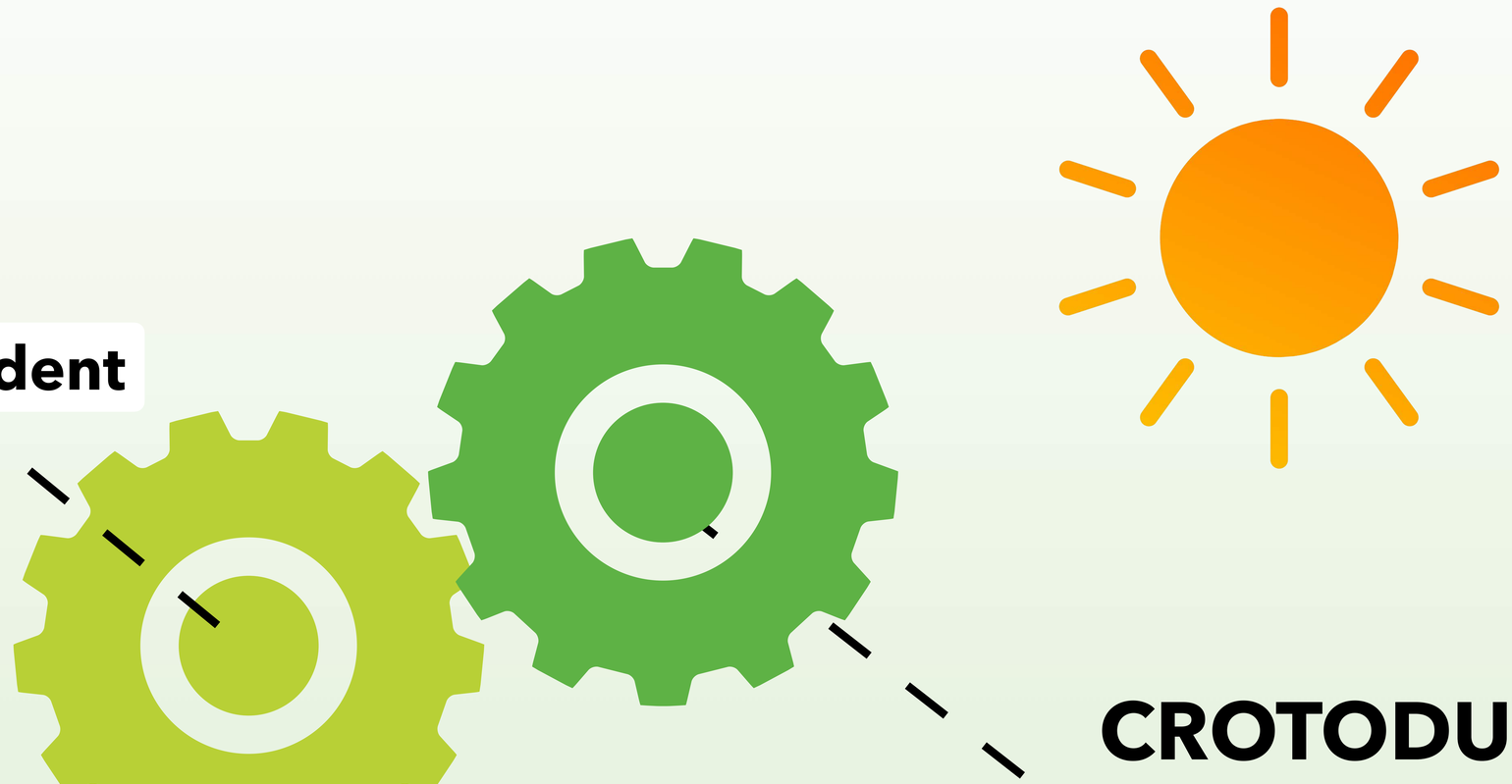
Floranid® Twin

*Double **N** technology*

ISODUR®

is released through hydrolysis

Mainly moisture-dependent



CROTODUR®

is released by micro-organisms

Mainly temperature-dependent

COMPO EXPERT®

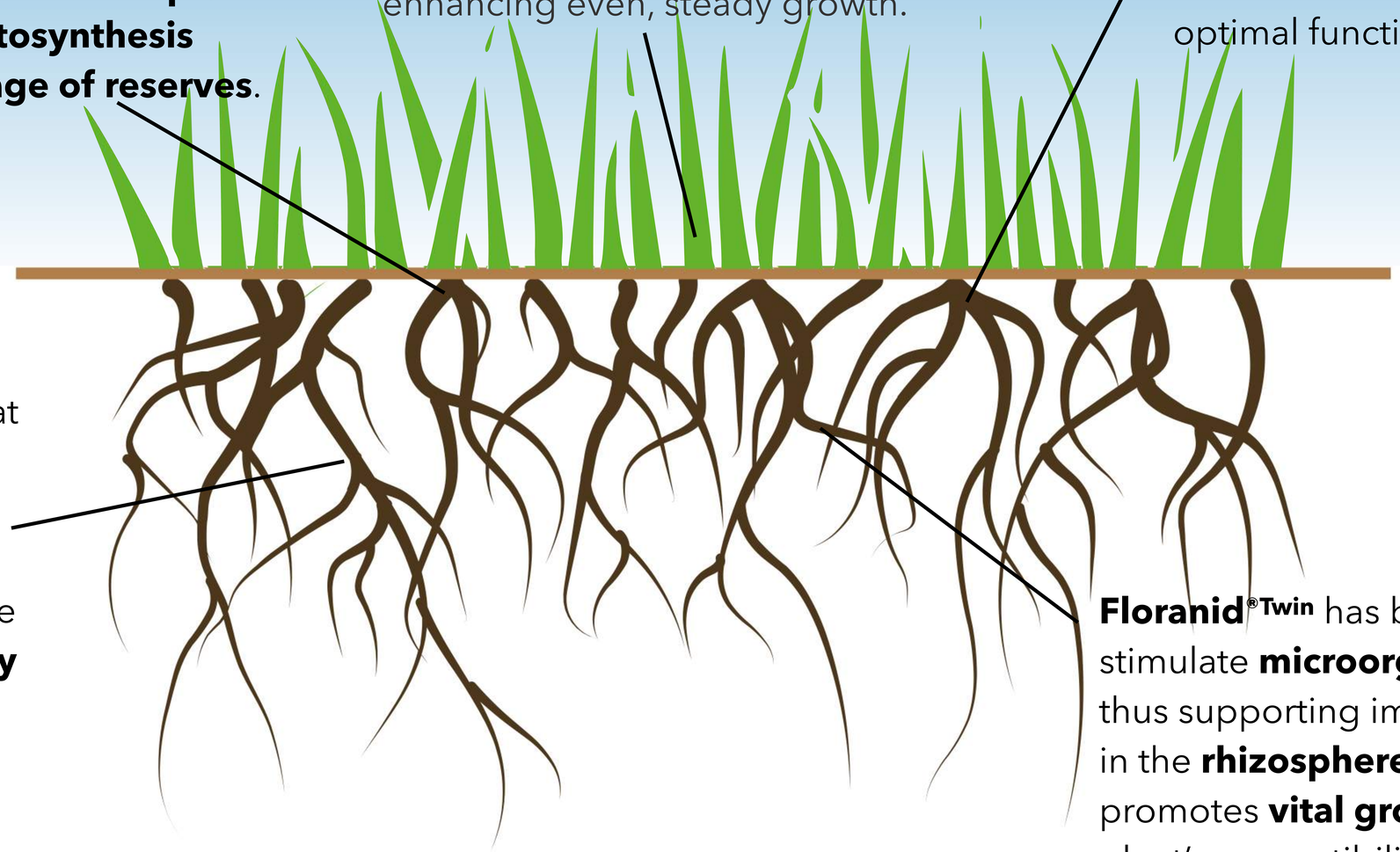
ISODUR®
CROTODUR®

The role of ISODUR® & CROTODUR® in the plant

Floranid®Twin fertilisers have a positive impact on **plant physiological** parameters such as the **build-up of organic matter**, **photosynthesis** activity, and the **storage of reserves**.

Homogeneous distribution of nutrients with improved **phosphate** and **magnesium** absorption enhancing even, steady growth.

Extensive laboratory studies and field tests have shown that **ISODUR®** and **CROTODUR®** promote **root growth**. **Stable root architecture** is crucial for the optimal functionality of sport turf.



Metabolites – organic products that convert and break down compounds – are also formed, which have a positive effect on **soil activity** at **microbiological** level.

Floranid®Twin has been proven to stimulate **microorganisms** in the soil, thus supporting important interactions in the **rhizosphere**. An active soil life promotes **vital growth** and reduces a plant's susceptibility to diseases.

Bacillus subtilis E4-CDX®.

Promotes root growth and increases the resistance against turf pathogens.

COMPO EXPERT®

Fertilis Speed®

18-5-8 (+3MgO)

Mar-Sept

4 % nitrate
12,5 % ammonium
1.5 % IBDU

Fertilis Speed® is an NPK complex fertiliser containing **ISODUR®** to promote growth and a **quick green-up** from Spring through to Summer.

Analysis	18	5	8	3	12	0.020	0.400	0.050	0.020
g/m²	N	P	K	MgO	S	B	Fe	Mn	Zn
15	27	7.5	12	4.5	18	0.03	0.6	0.075	0.03
20	36	10	16	6	24	0.04	0.8	0.1	0.04
25	45	12.5	20	7.5	30	0.05	1	0.125	0.05
30	54	15	24	9	36	0.06	1.2	0.15	0.06
35	63	17.5	28	10.5	42	0.07	1.4	0.175	0.07

Fertilis Swing® NK

8-0-24 (+4MgO)

June-Nov

2 % nitrate
4,5 % ammonium
1.5 % IBDU

Fertilis Swing® is an NK complex fertiliser containing **ISODUR®** to promote growth and a **quick green-up** from Summer through to Autumn.

Analysis	8	0	24	5.5	36	0.020	1	0.1	0.020
g/m²	N	P	K	MgO	S	B	Fe	Mn	Zn
15	12	0	36	8.25	54	0.03	1.5	0.15	0.03
20	16	0	48	11	72	0.04	2	0.2	0.04
25	20	0	60	13.75	90	0.05	2.5	0.25	0.05
30	24	0	72	16.5	108	0.06	3	0.3	0.06
35	28	0	84	19.25	126	0.07	3.5	0.35	0.07

Fertilis® ***also contains Bacillus subtilis***, selection **E4-CDX®** to compete with harmful pathogens and protect the roots. **Fertilis®** provides an immediate effect, with each granule containing macro and trace elements that dissolves quickly after irrigation.

Characteristics

- Granule size - **0.4-1.4 mm**
- Cutting height - **All turf**
- Longevity - **4-6 weeks**
- Application rate - **15-35 g/m²**
- Bag Coverage - **714-1,666 m²**
- Bags/ha - **6-14**
- Area of use - **Greens / Fine turf**
- Turf response - **1-3 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
15	6	3.7	K 1/2	I 1/2
20	6	3.7	L 1/2	J 1/2
25	6	3.7	M	K
30	6	3.7	M 1/2	K 1/2
35	6	3.7	N 1/2	L

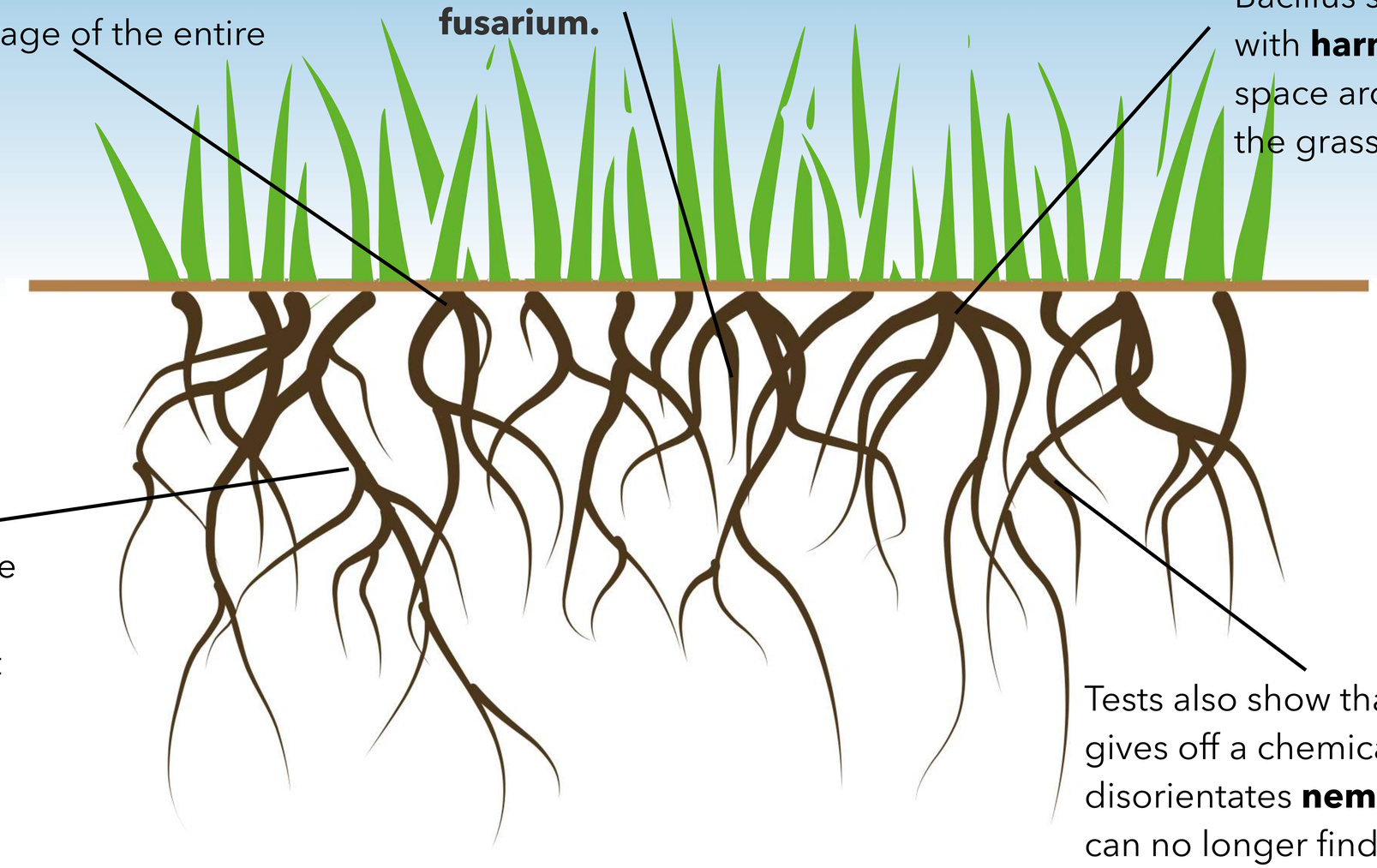
COMPO EXPERT

The role of Fertilis® in the plant & soil

Once watered in, **Bacillus subtilis**, selection **E4-CDX®** operates in the **rhizosphere**. Symbiosis with **fine root hairs** result in coverage of the entire root.

Once established, it physically **protects the roots** and inhibits the advance of **soil borne fungi** such as **fusarium.**

Bacillus subtilis, selection **E4-CDX®** is a unique and effective strain of rhizosphere bacterium. Bacillus subtilis competes with **harmful pathogens** for space around the roots of the grass plant.



This creates a **live barrier protecting** the whole root that disease can't penetrate. Therefore disease has no opportunities to set infection.

Tests also show that **Bacillus subtilis** gives off a chemical that disorientates **nematodes**, so they can no longer find the root.

Enforce®.

Slow release Methylene Urea & ISODUR®.

COMPO EXPERT®

Enforce® High-N

20-5-8 (+2MgO)

Mar-Aug

4.3 % nitrate
10.7 % ammonium
1.1 % IBDU
3.9 % MU

Enforce® High-N is suitable for spring and summer fertilisation with a high N and iron leading to good **growth** and **colouration**.

- Cutting height - **> 10 mm**

Analysis	20	5	8	2	5	0.5
g/m²	N	P	K	MgO	S	Fe
15	30	7.5	12	3	7.5	0.75
20	40	10	16	4	10	1
25	50	12.5	20	5	12.5	1.25
30	60	15	24	6	15	1.5
35	70	17.5	28	7	17.5	1.75

Enforce® Basic

15-5-8 (+5MgO)

Mar-Sept

2,6 % nitrate
7,9 % ammonium
1.1 % IBDU
3,4 % MU

Each granule in **Enforce® Basic** contains all nutrients and thus guarantees a very **exact distribution** of the **main** and **secondary trace nutrients.**

Analysis	15	5	8	5	7	0.3
g/m²	N	P	K	MgO	S	Fe
15	22.5	7.5	12	7.5	10.5	0.45
20	30	10	16	10	14	0.6
25	37.5	12.5	20	12.5	17.5	0.75
30	45	15	24	15	21	0.9
35	52.5	17.5	28	17.5	24.5	1.05

Enforce® High-K

8-6-18 (+4MgO)

All year potential

2 % nitrate
3,8 % ammonium
1,1 % IBDU
1,1 % MU

Enforce® High-K is a NPK complex fertiliser with **ISODUR®** and **methylene urea** slow-release nitrogen, **potassium sulphate, magnesium and iron.**

Analysis	8	6	18	4	11	0.5
g/m²	N	P	K	MgO	S	Fe
15	12	9	27	6	16.5	0.75
20	16	12	36	8	22	1
25	20	15	45	10	27.5	1.25
30	24	18	54	12	33	1.5
35	28	21	63	14	38.5	1.75

Enforce®

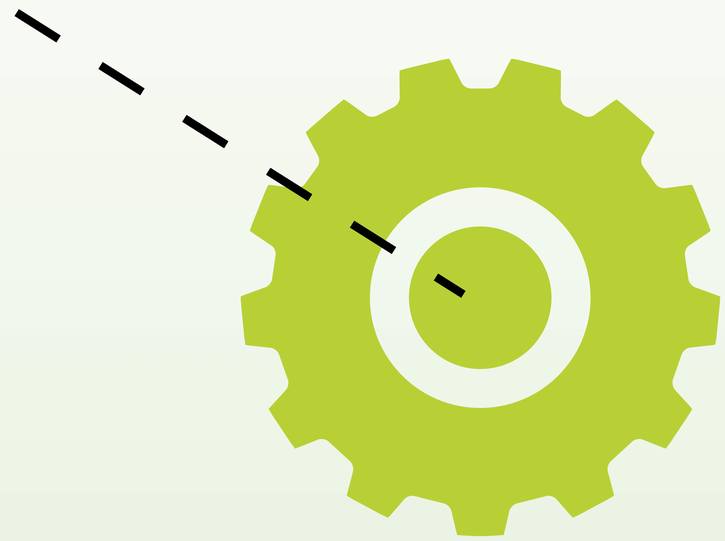
Characteristics

- Granule size - **0.5-3 mm**
- Cutting height - **> 6 mm**
- Longevity - **2 months**
- Application rate - **15-40 g/m²**
- Bag Coverage - **625-1,666 m²**
- Bags/ha - **6-16**
- Areas of use - **Tees / Surrounds / Fairways / Sports fields / Lawns**
- Turf response - **3-4 days**
- Granule dispersal - **1-3 days**

ISODUR®

is released through hydrolysis

Mainly moisture-dependent



Spreader settings for Basic & High-K (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
20	6	4	L 1/2	J
25	6	4	M	J 1/2
30	6	4	M 1/2	K
35	6	4	N 1/2	L
40	6	4	O 1/2	L 1/2
45	6	4	P	L 3/4

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The role of Enforce® in the plant & soil

Enforce® is the only MU / **ISODUR®** fertiliser using fraction 2 MU in the UK

Enforce® has been proven to **increase sward density** with excellent granule dispersal and fine grade granulometry

Enforce® fertilisers stimulate **microbial soil activity** and all 3 analyses are highly resistant to leaching with a **low salt index**

Enforce® contains a **trace element package** to support **root development**

Basatop®.

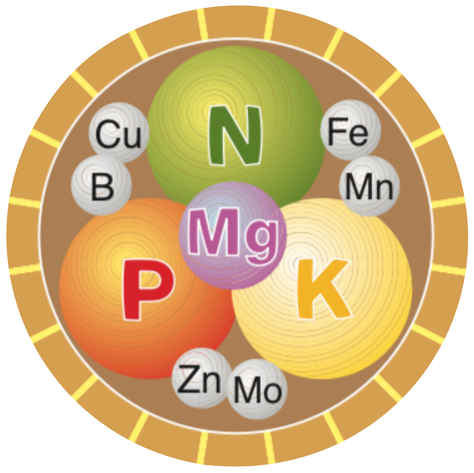
Immediate and long-term effect of fertiliser for superior turf management.

COMPO EXPERT®

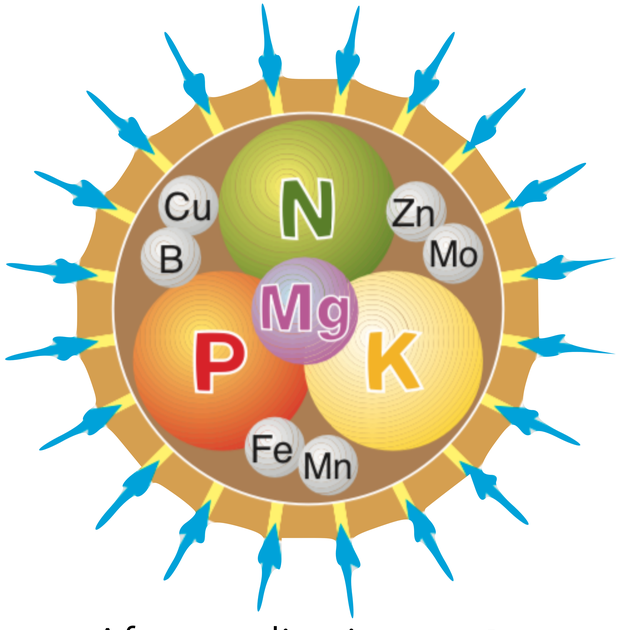
Basatop® Coating Technology

Combines the benefits of coated slow release fertilisers and classic non-coated NPK fertilisers:

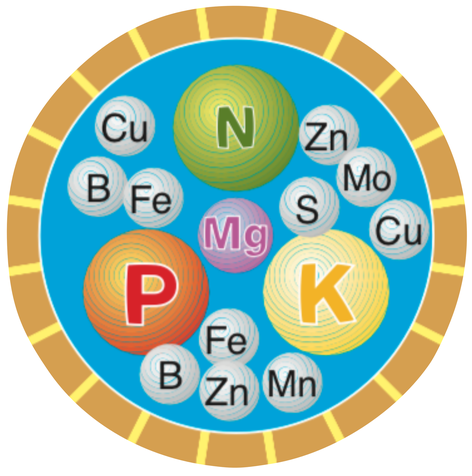
- Climate adapted release technology
- High frost resistance of the new coating, even under high temperature fluctuations
- Release time depends on temperature and humidity
- Ensures nutrient availability according to the plant requirements
- No thatch build up as known from the application of sulphur-coated Urea
- Superior spreading characteristics, No dust
- Less risk of burning or leaching
- Reliable, immediate and long-term effect for 3 months
- Longterm effect of coated nutrients- All elements (N,P,K,MG,S and traces)
- Different granule sizes (standard grade & mini grade available)
- Colouration of coated part adapted to turf applications



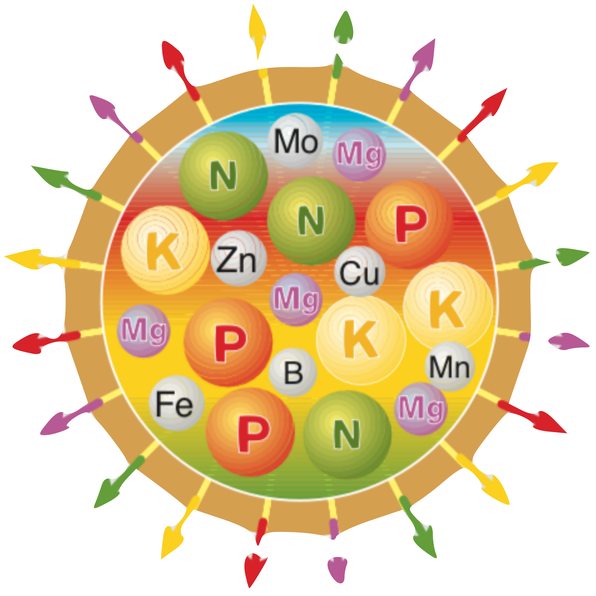
NPK-granules are partly coated with an elastic polymer.



After application, **water** slowly enters through the pore



The nutrients are dis-solved in water. The result is a **concentrated nutrient solution**



A controlled nutrient release over **3 months** is ensured

3 Month Longevity

Basatop® Sport

20-6-12 (+2MgO+TE)

Mar-Aug
2-4mm
40 % coated

3,7 % nitrate
5,3 % ammonium
11 % Urea

Basatop® Sport is a partly coated **NPK** complex fertiliser that is well suited for **spring** and **summer** application, to promote **growth** and a quick **green-up.**

Analysis	20	6	12	2	7	0.015	0.045	0.008
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	30	9	18	3	10.5	0.023	0.068	0.012
20	40	12	24	4	14	0.030	0.090	0.016
25	50	15	30	5	17.5	0.038	0.113	0.020
30	60	18	36	6	21	0.045	0.135	0.024
35	70	21	42	7	24.5	0.053	0.158	0.028

Basatop® Fair

25-5-8 (+TE)

Mar-Aug
1-3mm
35 % coated
56 % coated N

5,0 % nitrate
6,0% ammonium
14,0 urea

Basatop® Fair is a partly coated fertiliser with **fine granulation**, trace nutrients and **controlled nutrient release** that ensures a good distribution even on low-cut turf.

Analysis	25	5	8	1.2	3	0.01	0.2	0.01	0.03
g/m²	N	P	K	MgO	S	B	Fe	Zn	Cu
15	37.5	7.5	12	1.8	4.5	0.015	0.3	0.015	0.045
20	50	10	16	2.4	6	0.02	0.4	0.02	0.06
25	62.5	12.5	20	3	7.5	0.025	0.5	0.025	0.075
30	75	15	24	3.6	9	0.03	0.6	0.03	0.09
35	87.5	17.5	28	4.2	10.5	0.035	0.7	0.035	0.105

Basatop® N 42

42-0-0

Mar-Aug
2-3mm
80 % coated

42% Urea

Basatop® N42 is a controlled release straight N fertiliser with a uncoated **rapid release effect** and a long-lasting coated effect over a period of 3-4 month.

Analysis	42	0	0	0	0	0	0	0	0	0
g/m²	N	P	K	MgO	S	B	Mn	Fe	Zn	Cu
15	63	0	0	0	0	0	0	0	0	0
20	84	0	0	0	0	0	0	0	0	0
25	105	0	0	0	0	0	0	0	0	0
30	126	0	0	0	0	0	0	0	0	0
35	147	0	0	0	0	0	0	0	0	0

Basatop® Sport Mini

20-5-10 (+3MgO+TE)

Mar-Aug
1-2.5mm
30% coated

9,5 % nitrate
10,5 % ammonium

Basatop® Sport Mini is a partly coated NPK complex fertiliser for turf. Its **high nitrogen formula** is designed especially for sports fields, golf fairways & tee's.

Analysis	20	5	10	3	5	0.02	0.3	0.02
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	30	7.5	15	4.5	7.5	0.030	0.450	0.030
20	40	10	20	6	10	0.040	0.600	0.040
25	50	12.5	25	7.5	12.5	0.050	0.750	0.050
30	60	15	30	9	15	0.060	0.900	0.060
35	70	17.5	35	10.5	17.5	0.070	1.050	0.070

Basatop® NK

14-3-19 (+3MgO+TE)

April-Sept
2-4mm
40 % coated

6,5 % nitrate
7,5% ammonium

Basatop® NK is a partly coated NPK complex fertiliser with **high potassium** content that is ideal on soils with low potassium. Ideal for Autumn applications.

Analysis	14	3	19	3	9	0.02	0.05	0.01
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	21	4.5	28.5	4.5	13.5	0.03	0.075	0.015
20	28	6	38	6	18	0.04	0.1	0.02
25	35	7.5	47.5	7.5	22.5	0.05	0.125	0.025
30	42	9	57	9	27	0.06	0.15	0.03
35	49	10.5	66.5	10.5	31.5	0.07	0.175	0.035

Basatop® Fairways

14-7-14 (+3MgO+TE)

April-Sept
1-2.5mm
30% coated

6,0 % nitrate
8,0% ammonium

Basatop® Fairways is a fine-grained partly coated **fertiliser** with a balanced NPK ratio. The fine granule size **90 %** between 1,0 and 2,5 mm ensures a good distribution.

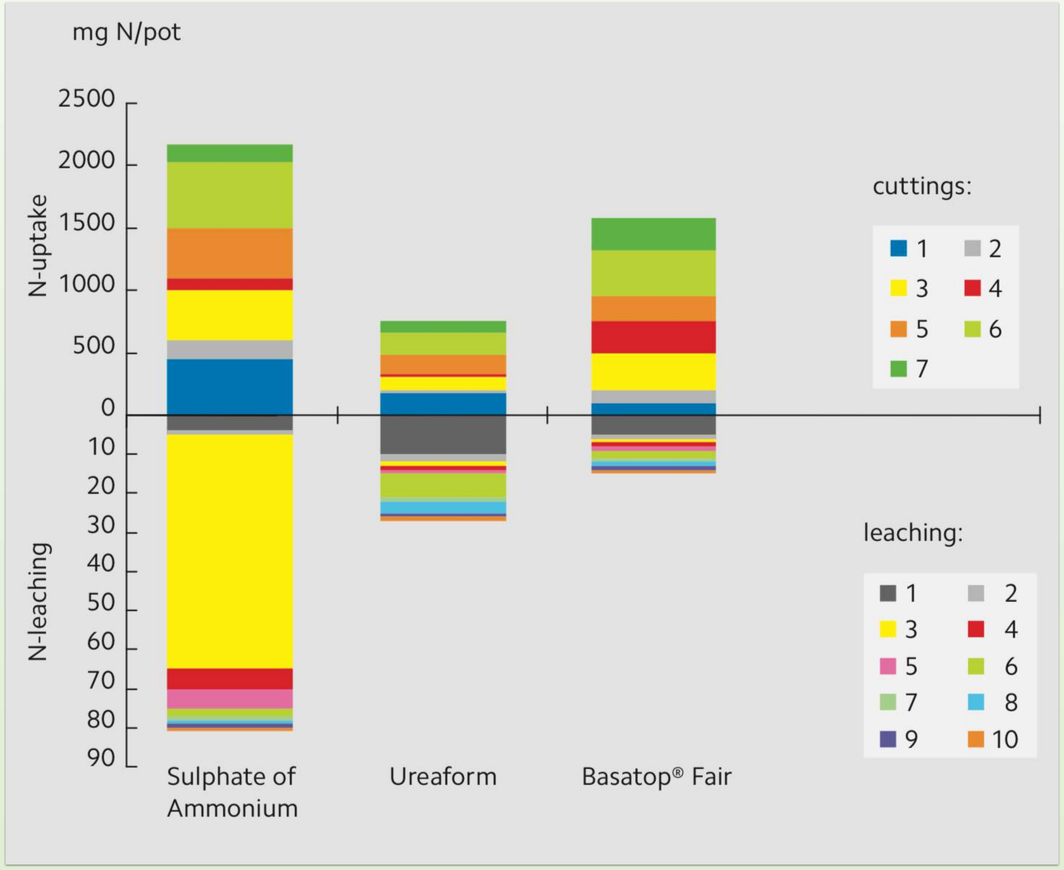
Analysis	14	7	14	3	8	0.020	0.1	0.01
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	21	10.5	21	4.5	12	0.03	0.15	0.015
20	28	14	28	6	16	0.04	0.2	0.02
25	35	17.5	35	7.5	20	0.05	0.25	0.025
30	42	21	42	9	24	0.06	0.3	0.03
35	49	24.5	49	10.5	28	0.07	0.35	0.035

Basatop® Spreader settings & N release data

Analysis	Cone	Width	Single pass (full rate) (AccuPro / SR 2000)				
			15	20	25	30	35
Basatop® Sport Mini	4	4.6	L	M	N	O	O 1/2
Basatop® NK	4	5	H 1/2	I	J	K	L
Basatop® Fairways	4	4.6	L	M	N	O	O 1/2
Basatop® N42	4	5	L 1/2	M 1/2	N 1/2	O 1/2	P
Basatop® Fair	4	4.8	L	M	N	O	O 1/2
Basatop® Sport	4	5	H 1/2	I	J	K	L

N-uptake and N-leaching of turf after application of Basatop® Fair in comparison to Ureaform-N (slow release) and Ammonium Sulphate (quick release) *(Dressel und Hähndel)*

- Environmentally friendly because **less leaching**
- **Basatop® Fair** ensures steady and controlled nutrient uptake

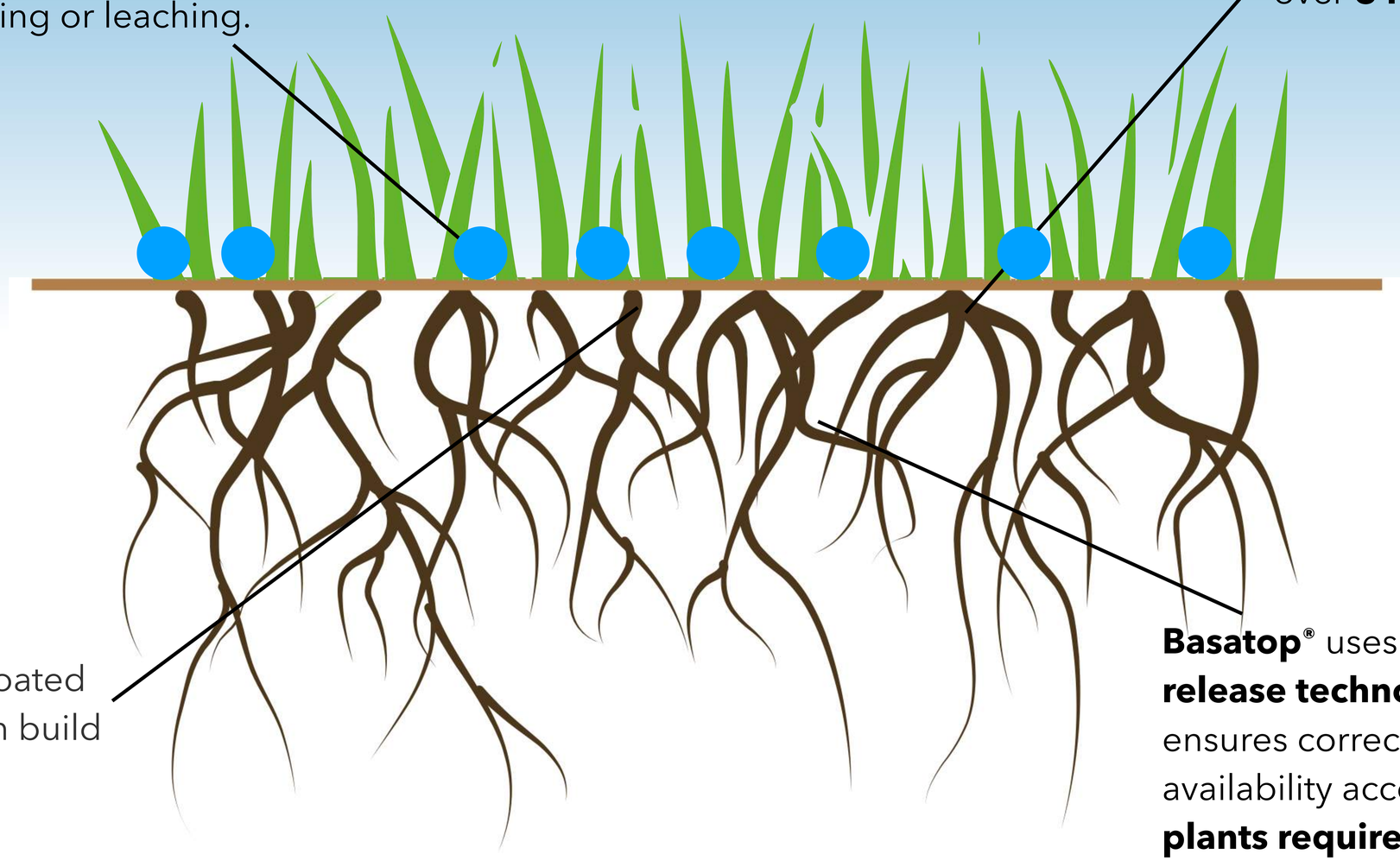


COMPO EXPERT®

The role of Basatop® in the plant & soil

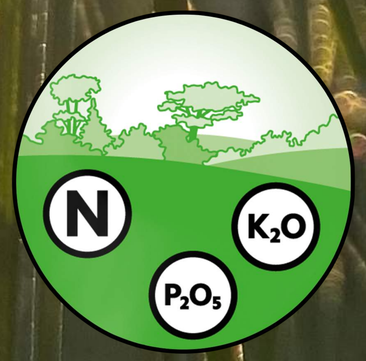
Basatop® NPK granules are partly coated with an elastic polymer and has less risk of burning or leaching.

Basatop® provides a controlled nutrient release over **3 months.**



Basatop® sulphur-coated urea prevents thatch build up.

Basatop® uses **climate adapted release technology** and ensures correct nutrient availability acccording to the **plants requirements.**



The easy one.

For optimal spreading, even distribution and quick dispersal.

COMPO EXPERT

EasyGreen Mini 21

21-5-10 (+3MgO)

Mar-Aug

10 % nitrate
11 % ammonium

EasyGreen Mini 21 NPK complex fertiliser with emphasis on **nitrogen** for **spring** and **summer** application to **promote growth** and **quick green-up.**

Analysis	21	5	10	3	6	0.020	0.3	0.020
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	31.5	7.5	15	4.5	9	0.03	0.45	0.03
20	42	10	20	6	12	0.04	0.6	0.04
25	52.5	12.5	25	7.5	15	0.05	0.75	0.05
30	63	15	30	9	18	0.06	0.9	0.06
35	73.5	17.5	35	10.5	21	0.07	1.05	0.07

EasyGreen Mini 16

16-8-13 (+3MgO)

Mar-Oct

7 % nitrate
9 % ammonium

EasyGreen Mini 16 is a universal NPK long-term fertiliser that promotes vital **root growth** and **increases** the **resistance** of turf species.

Analysis	16	8	13	3	6	0.020	0.3	0.020
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	24	12	19.5	4.5	9	0.03	0.45	0.03
20	32	16	26	6	12	0.04	0.6	0.04
25	40	20	32.5	7.5	15	0.05	0.75	0.05
30	48	24	39	9	18	0.06	0.9	0.06
35	56	28	45.5	10.5	21	0.07	1.05	0.07

EasyGreen Mini 12

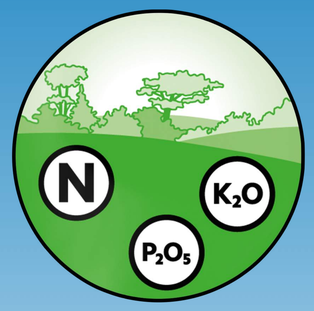
12-8-16 (+2MgO)

Mar-Nov

5 % nitrate
7 % ammonium

NPK compound fertiliser with emphasis on **potassium** for **autumn** application to **promote frost resistance** and a **better re-start in spring**.

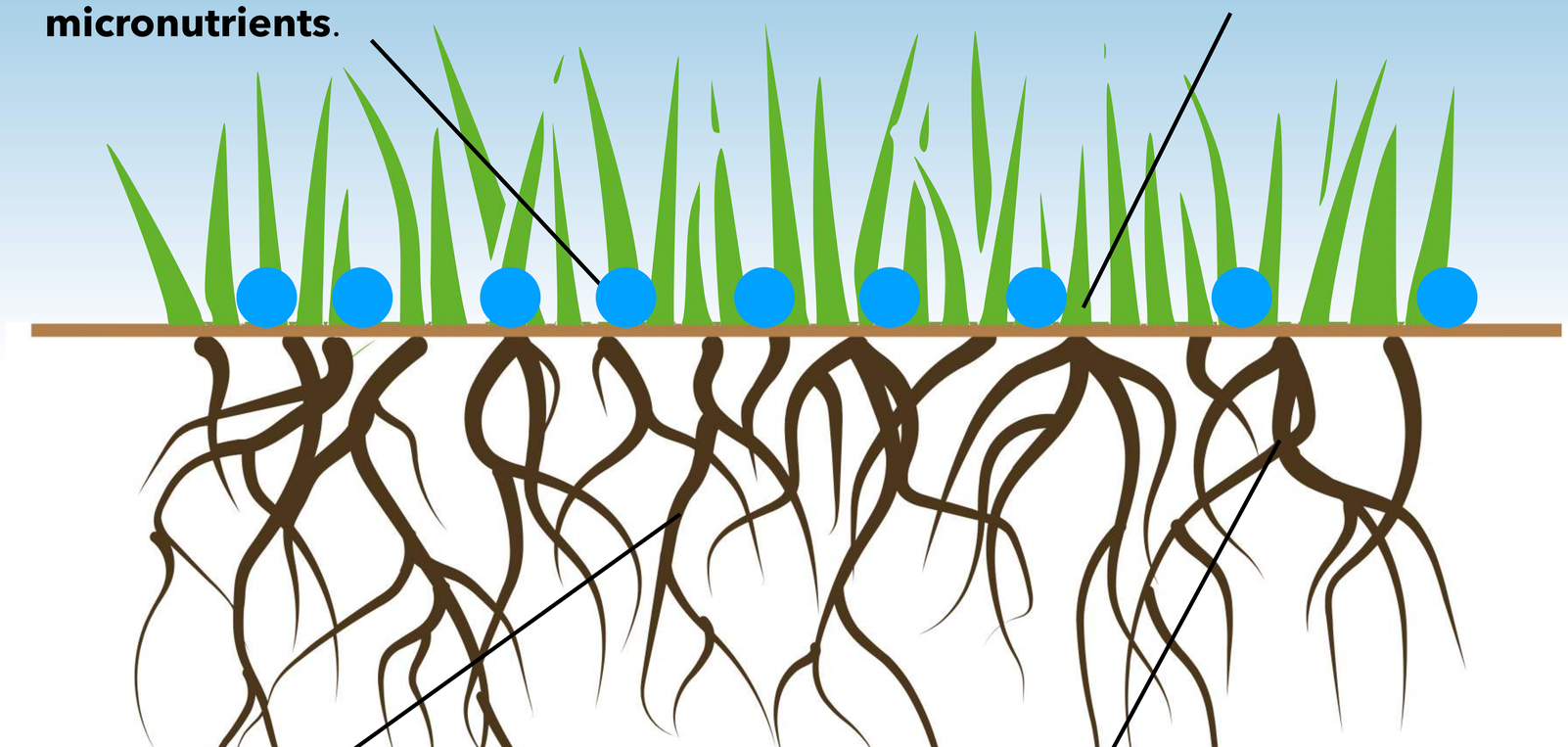
Analysis	12	8	16	2	8	0.020	0.06	0.01
g/m²	N	P	K	MgO	S	B	Fe	Zn
15	18	12	24	3	12	0.03	0.09	0.015
20	24	16	32	4	16	0.04	0.12	0.02
25	30	20	40	5	20	0.05	0.15	0.025
30	36	24	48	6	24	0.06	0.18	0.03
35	42	28	56	7	28	0.07	0.21	0.035



The role of EasyGreen Mini in the plant

EasyGreen Mini contains approx **100 granules per 1g** making it **8 times** smaller than other conventional NPK fertilisers.

EasyGreen Mini contains all **nutrients** in one granule including vital **micronutrients**.



The **nitrate** source of **N** in **EasyGreen Mini stimulates growth** under **cold conditions** and reaches plant roots quickly providing an almost **instant nutrient** supply.

The **potassium sulphate** in **EasyGreen Mini** helps **alleviate stress** caused to turf by **promoting root growth** and **strengthening** the **regeneration** of growth.

Characteristics

- Granule size - **1-2.5 mm**
- Cutting height - **> 6 mm**
- Longevity - **4 weeks**
- Application rate - **20-40 g/m²**
- Bag Coverage - **625-1,250 m²**
- Bags/ha - **8-16**
- Area of use - **Tees / Surrounds / Fairways / Sports fields / Lawns**
- Turf response - **1-2 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
20	6	4.6	M 1/2	K
25	6	4.6	N 1/2	K 1/2
30	6	4.6	O 1/2	L
35	6	4.6	P	M
40	6	4.6	Q	M 1/2

Basfoliar® Ferro Top SL

also available on page **47**

Proven to get turf growing. Even when its cold.

Ferro Top® kick starts the season, protects in the winter.

COMPO EXPERT®

Ferro Top®

6-0-12 (+6MgO+8Fe)

All year

1.6 % nitrate
4.4% ammonium

Ferro Top® is an **iron** speciality fertiliser with high levels of **potassium** and **magnesium** as well as **manganese** to promote **quality**, **resistance** and **colour**. The **fine granulation** ensures **perfect sward penetration.**

Analysis	6	0	12	6	18	8	0.01
g/m²	N	P	K	MgO	S	Fe	Mn
15	9	0	18	9	27	12	0.015
20	12	0	24	12	36	16	0.02
25	15	0	30	15	45	20	0.025
30	18	0	36	18	54	24	0.03
35	21	0	42	21	63	28	0.035

Ferro Top® ensures **quick greening** without a flush of growth, **blackens moss** and **protects** against future ingress which is particularly important in winter to spring. **Ferro Top®** is also an ideal option for the **early spring treatment** to **kick-start** your turf.

In combination with the **low nitrogen** content, turf forms important **amino acids**, **enzymes** and **proteins**. The result, is **improved chlorophyll formation** and **energy** utilisation. Therefore turf is better **protected** against weather influences and improves the **sward quality** by increased **resistance against wear, fungal diseases, moss, heat and frost.**

Applying **Ferro Top®** during the crucial growth potential period at the beginning of the year, will ensure your turf is sufficiently supplied with all required nutrients for optimum growth. Deficiency in **N**, **K**, **Fe**, **Mg** and **S** can lead to **increased disease** occurrence, **poor quality turf** and a much **slower start to the season.**

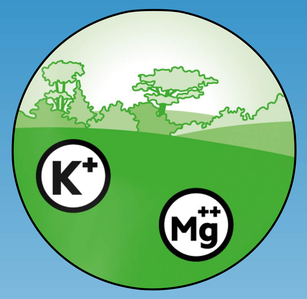
Characteristics

- Granule size - **0.5-2.5 mm**
- Cutting height - **All turf**
- Longevity - **4-6 weeks**
- Application rate - **20-40 g/m²**
- Bag Coverage - **625-1,250 m²**
- Bags/ha - **8-16**
- Area of use - **All sports turf**
- Turf response - **1-2 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
20	5	4	M	J 1/2
25	5	4	N	K
30	5	4	N 1/2	L
35	5	4	O	L 1/2
40	5	4	P	L

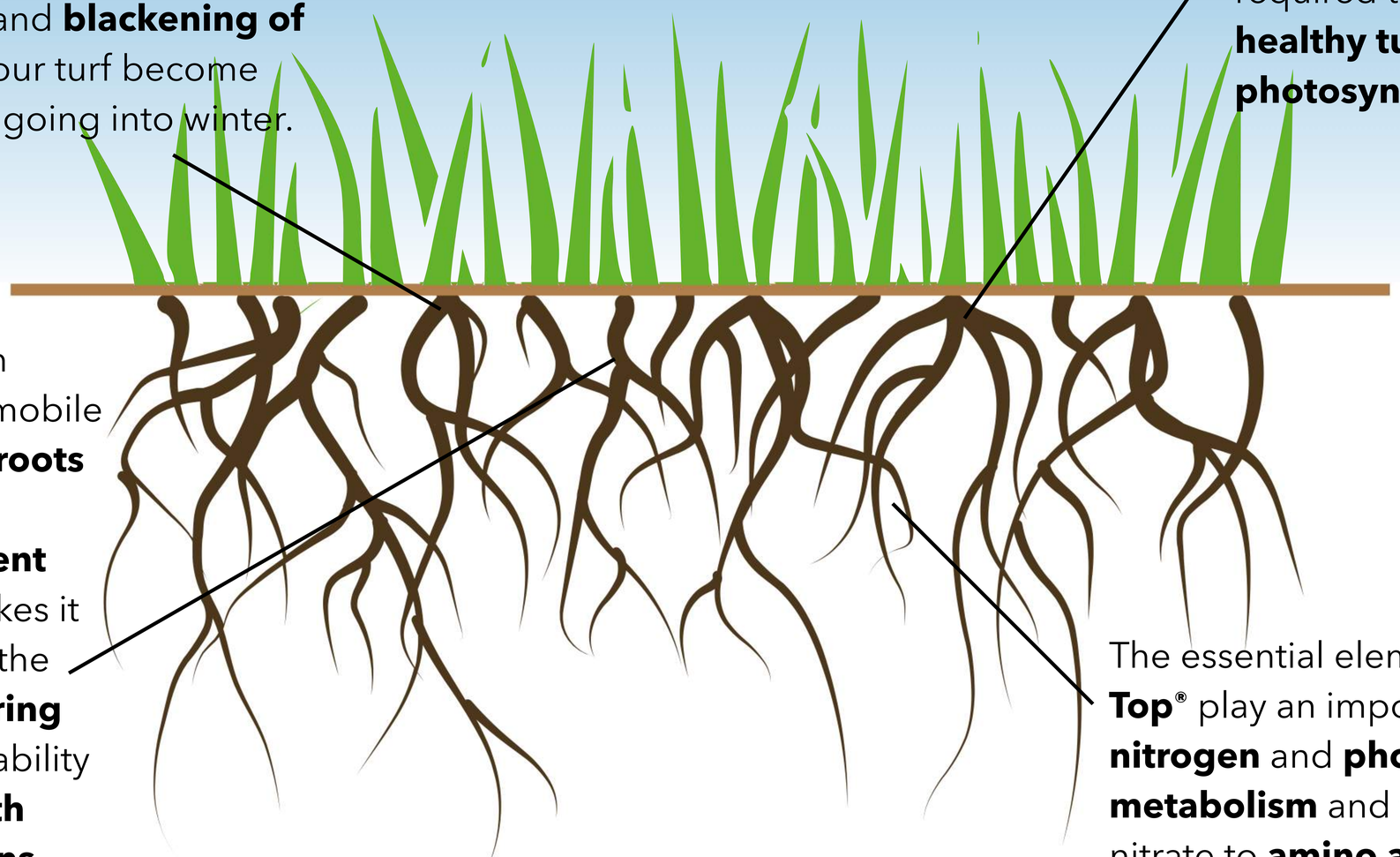
COMPO EXPERT®



The role of Ferro Top® in the plant & soil

Ferro Top® provides all **essential nutrients** for **increased disease resistance**, **colour**, and **blackening of moss** which helps your turf become **strong** and **healthy** going into winter.

Ferro Top® provides the perfect amount of **N** & **K** plus **Fe**, **Mg** and **S** which are all required to promote strong **healthy turf** & **photosynthesis.**



The nitrate content in **Ferro Top®** is highly mobile and will reach **plant roots** quickly, providing an almost **instant nutrient supply**. This also makes it particularly useful in the **winter** and **early spring** where its ready availability can **stimulate growth** under **cold conditions.**

The essential elements of **Ferro Top®** play an important role in **nitrogen** and **phosphate metabolism** and the reduction of nitrate to **amino acids.**

The stress reliever.

Kali Gazon reduces leaf damage and increases regeneration.

*organic farming BIO

COMPO EXPERT

Kali Gazon

0-0-27 (+10MgO+17S)

Apr-Nov

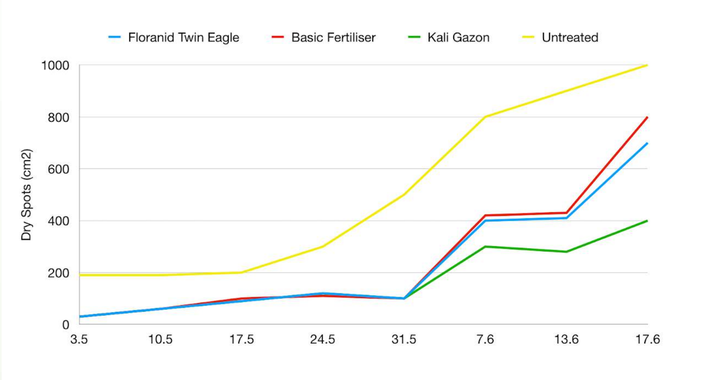
High potassium sulphate with added magnesium and sulphur make **Kali Gazon THE stress reliever**, improving **turf tolerance** against **drought**, **disease** and **cold temperatures. Kali Gazon** uses raw materials extracted from deposits accumulated by the **sea.**

Analysis	0	0	27	10	17
g/m²	N	P	K	MgO	S
15	0	0	40.5	15	25.5
20	0	0	54	20	34
25	0	0	67.5	25	42.5
30	0	0	81	30	51
35	0	0	94.5	35	59.5

A sufficient supply of potassium **reduces evaporation losses**, so that irrigation can be saved. Magnesium is an essential element of chlorophyll formation and thus promotes the assimilation performance **(energy intake)** of turf. The high sulphur content supports protein and enzyme formation and has a **pH-regulating effect** on the soil.

10 days post Kali Gazon application increased recovery from drought damage compared to control plots

Kali Gazon should be used prior to drought and frost stress to improve the **sward density** by **strengthening regeneration growth, promoting root growth, reserve material storage and stocking.** Kali Gazon also provides increased resistance against fungal infections such as snow mould.



Applications of Kali Gazon produced less dry spots compared to other applications.

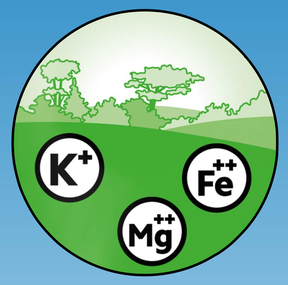
Characteristics

- Granule size - **0.5-2.0 mm**
- Cutting height - **All turf**
- Longevity - **4-6 weeks**
- Application rate - **15-35 g/m²**
- Bag Coverage - **714-1,666 m²**
- Bags/ha - **6 -14**
- Area of use - **All sports turf**
- Turf response - **3-4 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)	Double pass (half rate)
20	6	4	L	J
25	6	4	M	J 1/2
30	6	4	M 1/2	K
35	6	4	N	K 1/2
40	6	4	O	L

COMPO EXPERT



The role of Kali Gazon in the plant & soil

Kali Gazon reduces the amount of dry spots on turf surface areas as potassium **maintains water balance** in the plant, and helps **regulate cell water content** and **plant turgor**, **maintaining stem strength.**

During **heat** and **drought** stress, **Kali Gazon alleviates stress** caused to turf by **promoting root growth** and **strengthening** the **regeneration** of growth.

Kali Gazon reduces leaf damage and increase **regeneration** by controlling **stomatal pore opening** and closing during **transpiration.**

Kali Gazon transports **carbohydrates** and **amino acids** from the leaf to the roots and shoots via the phloem.

Agrosil®.
Soil enhancers.

Promotes microbial soil activity, root development and increases stress tolerance against diseases and abiotic factors.

COMPO EXPERT®

Agrosil® LR

0-20-0+36Si

All year

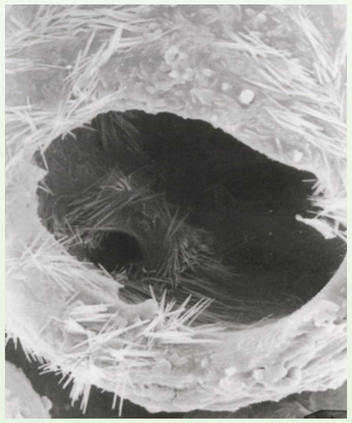
Agrosil® LR is a granulated silicate colloid for improvement of soils of all kinds. **Agrosil® LR** is an **active electrolyte** system consisting of partially dehydrated sodium silicate and phosphate. **Agrosil® LR** promotes the **biological activity** of the soil and increases the grass's stress tolerance to **biotic** and **abiotic stress**.

Analysis	0	20	0	36
g/m²	N	P	K	Si
70	0	140	0	252
90	0	180	0	324
110	0	220	0	396
130	0	260	0	468
150	0	300	0	540

Agrosil® LR Benefits

- **Activates root growth**
- **Increase the cation exchange capacity**
- **Creates storage space for water and air into the soil**
- **Improves capillary water transport**
- **Keeps phosphate plant-available**
- **Improves the soil structure**
- **Reduces salt shocks**

Electro microscope image of a **colloid** with huge pore space and the typically **silicate** needle structure.



Agrosil® LR has a **regenerative** effect by strengthening **root growth** of turf grasses in density and in depth; for improving the **colour**, **density** and **resistance** to wear of the turf.

The product is ideally applied during **renovation's** or during the construction phase of **new turf areas.**

Characteristics

- Granule size - **0.5-2.0 mm**
- Cutting height - **All turf**
- Longevity - **6 months**
- Application rate - **70-150 g/m²**
- Bag Coverage - **166-357 m²**
- Bags/ha - **28-60**
- Area of use - **All sports turf**
- Turf response - **Long term**
- Granule dispersal - **Long soil activity**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)
17.5	6	4.1	L
35	6	4.1	O

Agrosil® Algin

5-3-5+2MgO+4.5S+Fe+Mn

Contains Humic acid, Zeolites, Seaweed & Bacillus sp.

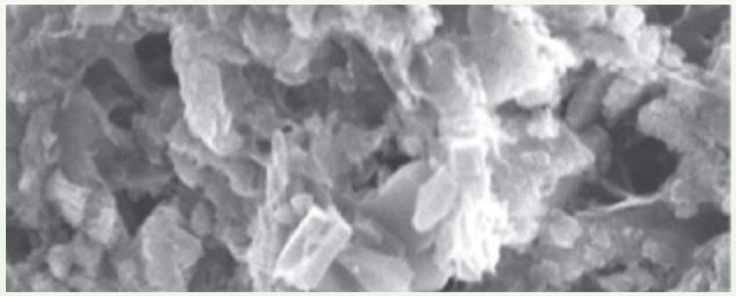
All year

Agrosil® Algin is a granulated organic-mineral NPK special fertiliser and soil activator based on **algae**. With beneficial **microorganism Bacillus sp**., and valuable soil-promoting components humic acids & zeolites.

Analysis	5	3	5	2	4.5	1	0.1
g/m²	N	P	K	Mgo	S	Fe	Mn
30	15	9	15	6	13.5	3	0.3
40	20	12	20	8	18	4	0.4
50	25	15	25	10	22.5	5	0.5
60	30	18	30	12	27	6	0.6
70	35	21	35	14	31.5	7	0.7

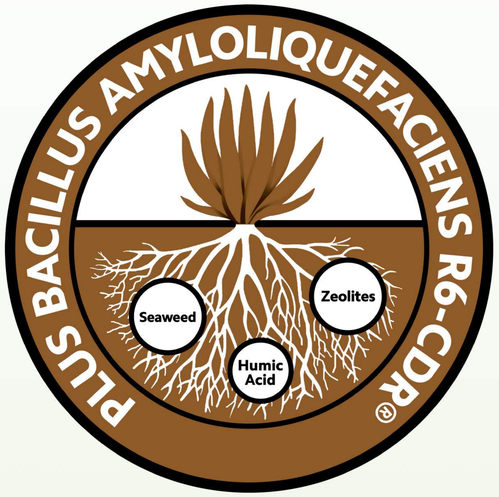
Agrosil® Algin Benefits

- **Activation of soil life**
- **Increase the cation exchange capacity**
- **Promotion of pore volume**
- **Improved root development**
- **Increase water & nutrient efficiency**
- **Vital grass development**



Natural **zeolites** (clinoptiolites) are silicate minerals of volcanic origin with a microporous structure.

Useful microorganisms and humic acids are also present inside **Agrosil® Algin** which supports the rehabilitation and vitalisation through soil therapy of intensively used sports turf areas. **Agrosil® Algin** promotes soil structure and improves water and nutrient retention and the cation exchange capacity. In addition, **Agrosil® Algin** has a positive influence on the microbial soil activity, root development and stress tolerance against diseases and abiotic factors.



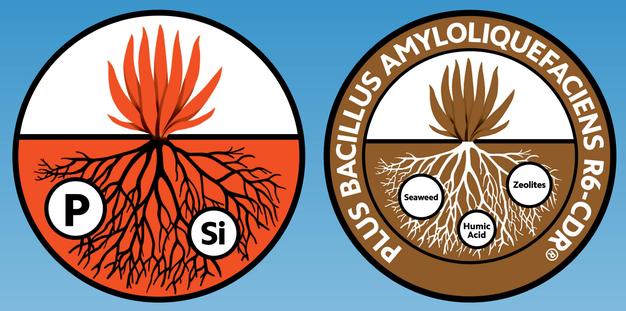
Characteristics

- Granule size - **1-3 mm**
- Cutting height - **All turf**
- Longevity - **Multi-stage**
- Application rate - **30-70 g/m²**
- Bag Coverage - **714-1,666 m²**
- Bags/ha - **6 -14**
- Area of use - **All sports turf**
- Turf response - **3-4 days**
- Granule dispersal - **1-3 days**

Spreader settings (AccuPro / SR 2000)

Rate	Cone	Width	Single pass (full rate)
30	6	3.4	O
60	6	3.4	S 1/2

COMPO EXPERT®



The role of Agrosil® in the plant & soil

Agrosil® LR improves soil respiration (microbial biomass) , amount of **bacteria** and increase soil **fungi**.

Agrosil® Algin provides regenerative growth **increasing photosynthetic** capacity ensuring a balanced greening effect.

Agrosil® Algin provides a synergistic effect with the combination of **algae** and **humic acids** improving root growth and promotes strength against stress.

Agrosil® LR increase nutrient efficiency, water holding capacity and **increase ground cover of turf.**

Basfoliar®.

Premium range of liquid turf fertilisers & biostimulants

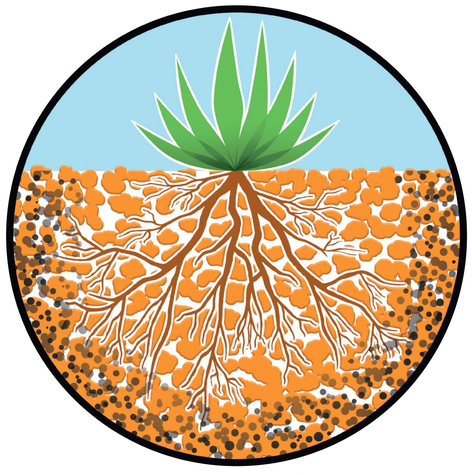
COMPO EXPERT®

Basfoliar® Liquids

A complete range of advanced liquid fertilisers & biostimulant technology for rapid action, high efficacy nutrient uptake for both foliar and root applications.

Nutrition

- Premium-quality liquid compound fertilisers
- High concentrated fertilisers suitable for foliar and soil application
- All products contain macro- and chelated micronutrients
- Immediate absorption of nutrients where the absorption of nutrients through the roots is difficult



Acids

- Increases the abiotic stress tolerance
- Increases nutrient uptake and plant growth characteristics,
- Maximises turf quality
- Enhances natural plant defence mechanisms

Seaweeds

- LCF & biostimulants nourish the soils
- Contains all elements in fully digestible form
- Basfoliar® fertilisers are high speed and highly effective
- Improves soil structure and water holding capacity

Stress Relief

- Increases the abiotic stress tolerance
- Increases nutrient uptake and plant growth characteristics,
- Maximises turf quality
- Enhances natural plant defence mechanisms

Basfoliar® 36 Extra SL

27-0-0+3MgO+TE

20L
Pack size
2-4 weeks
longevity
Immediate
turf response
20-120L/ha
application rate
400-600 L/ha
Water volume
1666-10000m²
Pack coverage

Basfoliar® 36 Extra SL combines 3 sources of nitrogen, **4.7% nitrate, 3.6% ammonium & 18.7% urea** for optimum plant uptake. Magnesium and full trace element package enhance turf health and vitality.

Analysis	27	0	0	3
L/ha	N	P	K	MgO
20	7.24	0.00	0.00	0.80
40	14.47	0.00	0.00	1.61
60	21.71	0.00	0.00	2.41
80	28.94	0.00	0.00	3.22
100	36.18	0.00	0.00	4.02
120	43.42	0.00	0.00	4.82

Basfoliar® 10-4-7 SL

10-4-7+TE

20L
Pack size
2-4 weeks
longevity
Immediate
turf response
20-120L/ha
application rate
400-600 L/ha
Water volume
1666-10000m²
Pack coverage

Basfoliar® 10-4-7 SL is ideal for growing season applications with its NPK+TE analysis. The triple source of nitrogen, **1% nitrate, 0.7% ammonium & 8.3% urea** ensures immediate absorption of nutrients without excessive growth.

Analysis	10	4	7
L/ha	N	P	K
20	2.40	0.96	1.68
40	4.80	1.92	3.36
60	7.20	2.88	5.04
80	9.60	3.84	6.72
100	12.00	4.80	8.40
120	14.40	5.76	10.08

Basfoliar® Ferro Top SL

15-0-0+4S+8Fe+Cu+Mn

10L & 1000L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-30L/ha
application rate
400-600 L/ha
Water volume
3333-10000m²
Pack coverage

Basfoliar® Ferro Top SL provides rapid greening and increases the vitality and resistance of turf. **Basfoliar® Ferro Top SL** creates the formation of plant enzymes and proteins which are responsible for **photosynthesis** and **respiration**.

Analysis	15	0	0	4	8	0.002	0.04
L/ha	N	P	K	S	Fe	Cu	Mn
10	2.07	0.00	0.00	0.55	1.10	0.00	0.01
15	3.11	0.00	0.00	0.83	1.66	0.00	0.01
20	4.14	0.00	0.00	1.10	2.21	0.00	0.01
25	5.18	0.00	0.00	1.38	2.76	0.00	0.01
30	6.21	0.00	0.00	1.66	3.31	0.00	0.02

Basfoliar® Avant Natur SL

5-0-0+10% amino acids

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-20L/ha
application rate
400-1000 L/ha
Water volume
5000-10000m²
Pack coverage

Basfoliar® Avant Natur SL contains fully plant derived **L-amino acids** specially designed to improve stress tolerance and to stimulate plant & root growth, nutrient uptake and plant development.

Analysis	5	0	0
L/ha	N	P	K
10	0.60	0.00	0.00
15	0.89	0.00	0.00
20	1.19	0.00	0.00
25	1.49	0.00	0.00
30	1.79	0.00	0.00

Basfoliar® Root Booster SL

20-5-0+amino acids

20L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-20L/ha
application rate
600-800 L/ha
Water volume
1-2Ha
Pack coverage

Basfoliar® Root Booster SL is a liquid NP fertiliser (20-5) with **biostimulant** effects based on a special formulation of synthesised **plant-based complex amino acids** to **promote root growth.**

Analysis	20	5	0
L/ha	N	P	K
10	2.40	0.60	0.00
15	3.60	0.90	0.00
20	4.80	1.20	0.00

Basfoliar® Black

0-0-2+7.5% Humic acid+7.6% Fulvics acid

20L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-20L/ha
application rate
400-1000 L/ha
Water volume
1-2Ha
Pack coverage

Basfoliar® Black improves the soil structure and water holding capacity. **Basfoliar® Black** stimulates the development of beneficial **microorganisms** from the soil as its a rich source of **carbohydrates**.

Analysis	0	0	2
L/ha	N	P	K
10	0.00	0.00	0.22
15	0.00	0.00	0.33
20	0.00	0.00	0.44

Basfoliar® Kelp SL

0.2-1.5-0.1+35% Ecklonia Maxima

*organic BIO farming

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-20L/ha
application rate
400-1000 L/ha
Water volume
5000-20000m²
Pack coverage

Basfoliar® Kelp SL is a natural extract of the brown algae **Ecklonia maxima**, containing natural beneficial substances, **proteins** and **amino acids** for enhanced root growth, plant establishment and stress relief.

Analysis	0.2	1.5	0.1
L/ha	N	P	K
5	0.01	0.08	0.01
10	0.02	0.17	0.01
15	0.03	0.25	0.02
20	0.04	0.34	0.02

Basfoliar® Rhizo Bio SL

35% Ecklonia maxima+BAA+ B,Fe,Mn,Mo,Zn

*organic BIO farming

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-20L/ha
application rate
600-1000 L/ha
Water volume
5000-20000m²
Pack coverage

Basfoliar® Rhizo Bio SL contains Ecklonia maxima, rich in auxins combined with the innovative **Bascillus amyloliquefaciens ActiStart R6** (BAA) microorganism that strenghtens turf and activates root and plant physiology development.

Analysis	0.55	0.6	0.45	0.025	0.40
L/ha	B	Fe	Mn	Mo	Zn
5	0.03	0.03	0.02	0.00	0.02
10	0.06	0.07	0.05	0.00	0.04
15	0.09	0.10	0.07	0.00	0.07
20	0.12	0.13	0.10	0.01	0.09

Basfoliar® Aktiv SL

3-0-18+TE+10% Ecklonia maxima

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-10L/ha
application rate
300-400 L/ha
Water volume
1-2Ha
Pack coverage

Basfoliar® Aktiv SL stimulates shoot and root growth strengthening the plants' natural defences. **Basfoliar® Aktiv SL** phosphites aiding **disease resistance** via the induction of beneficial metabolic responses to pathogens. KH_2PO_3 - 635g/l

Analysis	3	0	18
L/ha	N	P	K
5	0.21	0.00	1.24
10	0.41	0.00	2.48

Basfoliar® Si SL

1.5-0-0.6+2Si+13.4% glycine betaine

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-10L/ha
application rate
300-600 L/ha
Water volume
1-2Ha
Pack coverage

Basfoliar® Si SL maximises turf quality and reduces abiotic stress due to the combined actions of silicon & glycine betaine. Glycine betaine also acts as an **osmoprotector**, limiting water loss from plant cells while the silicon further **protects cell walls.**

Analysis	1.5	0	0	2
L/ha	N	P	K	Si
5	0.08	0.00	0.00	0.10
10	0.16	0.00	0.00	0.21
15	0.23	0.00	0.00	0.31
20	0.31	0.00	0.00	0.42

Basfoliar® Force SL

Zn,Mn+laminarin and mannitol

*organic BIO farming

5L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-10L/ha
application rate
300-600 L/ha
Water volume
5000-10000m²
Pack coverage

Seaweed extract Laminaria digitata, with high contents on **laminarin** and **mannitol** trigger plant defense mechanisms. Additionally, **Basfoliar® Force SL** contains a mixture of trace elements, correcting zinc and manganese deficiencies.

Analysis	1	1
L/ha	Zn	Mn
5	0.06	0.06
10	0.11	0.11
15	0.17	0.17
20	0.22	0.22

Basfoliar® Links SL

16-0-0+4MgO+8S+ glycine betaine

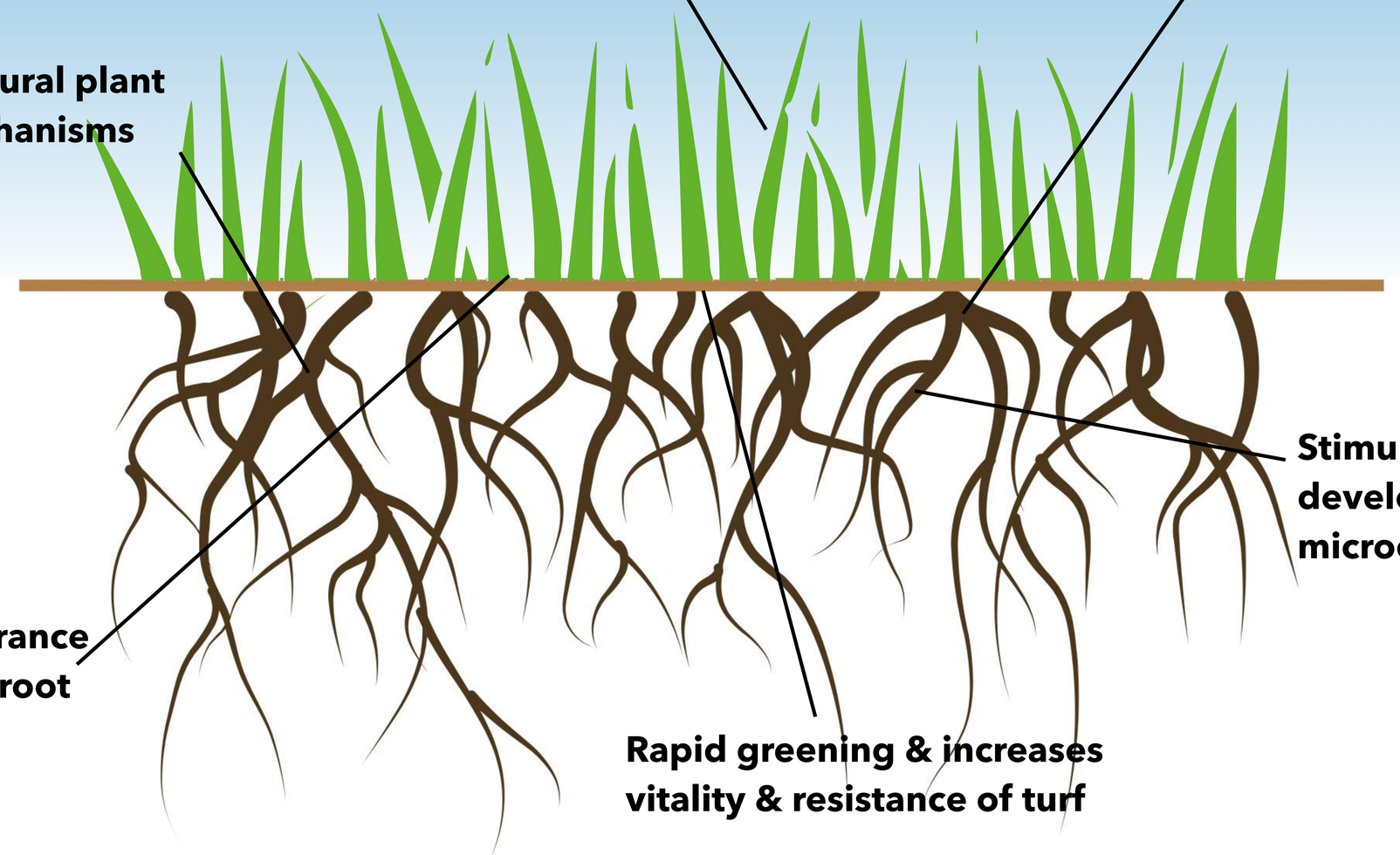
5L & 10L
Pack size
2-4 weeks
longevity
Immediate
turf response
5-10L/ha
application rate
300-600 L/ha
Water volume
1-2Ha
Pack coverage

Basfoliar® Links SL contains glycine betaine as an anti-stress biostimulant, complemented by nitrogen, magnesium and sulfur which provides turf with better resistance to osmotic and saline stress, as well as to **cold** and **heat** stress.

Analysis	16	0	0	4	8
L/ha	N	P	K	MgO	S
10	2.00	0.00	0.00	0.50	1.00
15	3.00	0.00	0.00	0.75	1.50
20	4.00	0.00	0.00	1.00	2.00
25	5.00	0.00	0.00	1.25	2.50
30	6.00	0.00	0.00	1.50	3.00

COMPO EXPERT®

The role of Basfoliar® in the plant & soil



Ecklonia maxima, the foundation of **Vitanica®** **& Basfoliar®.**

Mechanically extracted by a Cold Micronisation Process

No Heat

No Chemicals

No pH change

Sustainable

Vitanica® & Basfoliar® liquid seaweed extracts are produced from sustainably harvested kelp rich in nutrients perfect for turf.

Growth

Vitanica® & Basfoliar® unique composition of natural biostimulants, mainly auxin, stimulates root and shoot growth.

Dynamic

Vitanica® & Basfoliar® improves the dynamic biochemical processes in the plant for optimal plant cell development.

Vitanica®.

Seaweed extracts to promote plant vitality and root growth. Containing macro- and trace element nutrients, with beneficial microorganism or silicon.

COMPO EXPERT®

Vitanica® RZ

5-0-5+30% Ecklonia maxima+*Bacillus sp.*

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-20L/ha
application rate
600-1000 L/ha
Water volume
5000-10000m²
Pack coverage

1,5 % nitrate, **3,5 %** urea

Vitanica® RZ contains the beneficial and complex mode of actions of the *Bacillus sp.* **Vitanica® RZ** has a stimulating effect on the root growth and supports the vitality and stress tolerance of the plants.

Analysis	5	0	5
L/ha	N	P	K
10	0.55	0.00	0.55
15	0.83	0.00	0.83
20	1.10	0.00	1.10

Vitanica® Si

5-3-7+10% Ecklonia maxima+10% SiO_3

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-20L/ha
application rate
600 L/ha
Water volume
5000-10000m²
Pack coverage

1,5 % nitrate, **3,5 %** urea

Vitanica® Si produces strong, resistant grass blades increasing plant tolerance to disease, drought & heat stress. **Vitanica® Si** increases photosynthetic activity strengthening the cell wall structures which greatly improves trueness and speed.

Analysis	5	3	7
L/ha	N	P	K
10	0.55	0.33	0.77
15	0.825	0.495	1.155
20	1.1	0.66	1.54

Vitanica® P³

5-0-10+30% Ecklonia maxima+TE

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-30L/ha
application rate
600-1000 L/ha
Water volume
3333-10000m²
Pack coverage

5 % urea

Vitanica® P³ contains active substances to promote root growth and development in the soil. Increased photosynthetic performance, enhance the resistance of the turf grasses against stress.

Analysis	5	0	10
L/ha	N	P	K
10	0.55	0	1.1
15	0.825	0	1.65
20	1.1	0	2.2
25	1.375	0	2.75
30	1.65	0	3.3

Vitanica® MC

11-3-7+30% Ecklonia maxima+*Cu+Fe+Mn*

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
10-30L/ha
application rate
400-1000 L/ha
Water volume
3333-10000m²
Pack coverage
2 % nitrate, **9 %** urea

Vitanica® MC contains bioactive organic components amino acids and vitamins producing a fast effect on plant growth, colour, vigour and health of grasses and turf. **Vitanica® MC** micronutrients are chelated for protection against fixation in the soil.

Analysis	11	3	7
L/ha	N	P	K
10	1.21	0.33	0.77
15	1.82	0.50	1.16
20	2.42	0.66	1.54
25	3.03	0.83	1.93
30	3.63	0.99	2.31

Vitanica® P³ Extra

5-9-10+30% Ecklonia maxima+ 10% Ascophyllum nodosum+TE

10L
Pack size
2-4 weeks
longevity
Immediate
turf response
20-30L/ha
application rate
600-1000 L/ha
Water volume
3333-5000m²
Pack coverage
5 % urea

Vitanica® P³ Extra is a liquid NPK fertiliser that stimulates the development of root growth & strengthens the plants. **Vitanica® P³ Extra** increases turf tolerance and resistance towards abiotic stress.

Analysis	5	9	10
L/ha	N	P	K
15	0.915	1.647	1.83
20	1.22	2.196	2.44
25	1.525	2.745	3.05
30	1.83	3.294	3.66

Vitanica® Benefits

- **Increase of the anti-stress hormone Cytokinin**
- **Improvement of photosynthesis performance**
- **Increase of carbohydrate storage = Depot for increased stress-related consumption**
- **Increase of antioxidants and thus protection from photooxidative stress**
- **Promotion of root growth**
- **Grass stabilisation**

3-4 applications of **10-20 l/ha Vitanica®** algae extracts have proven in practice to be excellent, especially during the summer at intervals of about **3 weeks**. The algae extracts from the sea weed **Ecklonia maxima** are produced in a gentle cold process and containing therefore a high concentration of **bioactive** ingredients, such as e.g. **antioxidants** responsible for **heat tolerance**. All **Vitanica®** products can be combined with 0.5-1 l **Kick® Wetting Agent** to improve the absorption of nutrients and active ingredients, especially in the case of dry weather.

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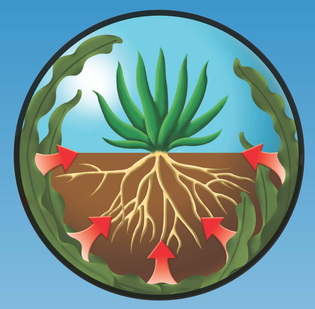
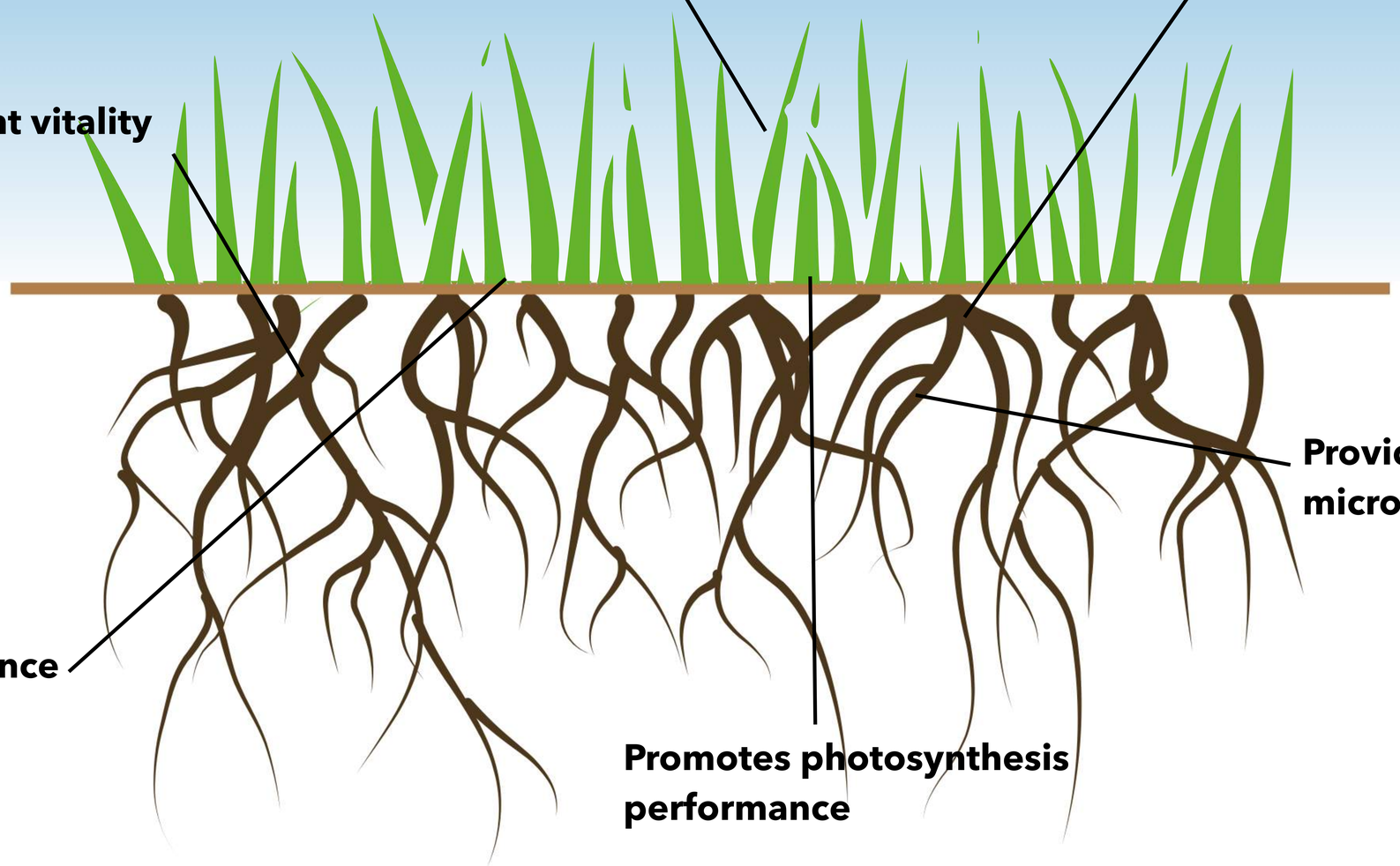
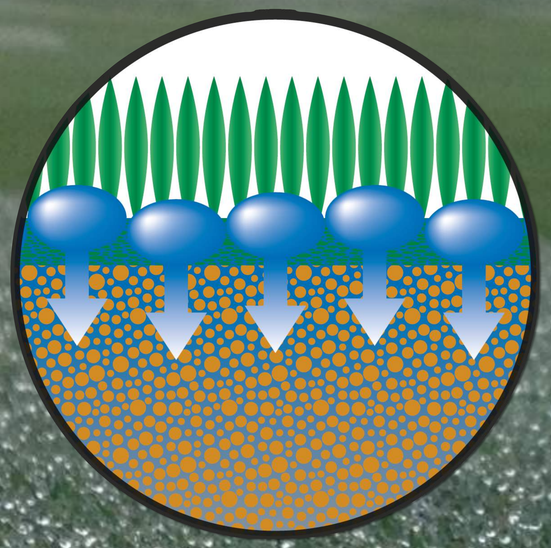


The role of Vitanica® in the plant & soil



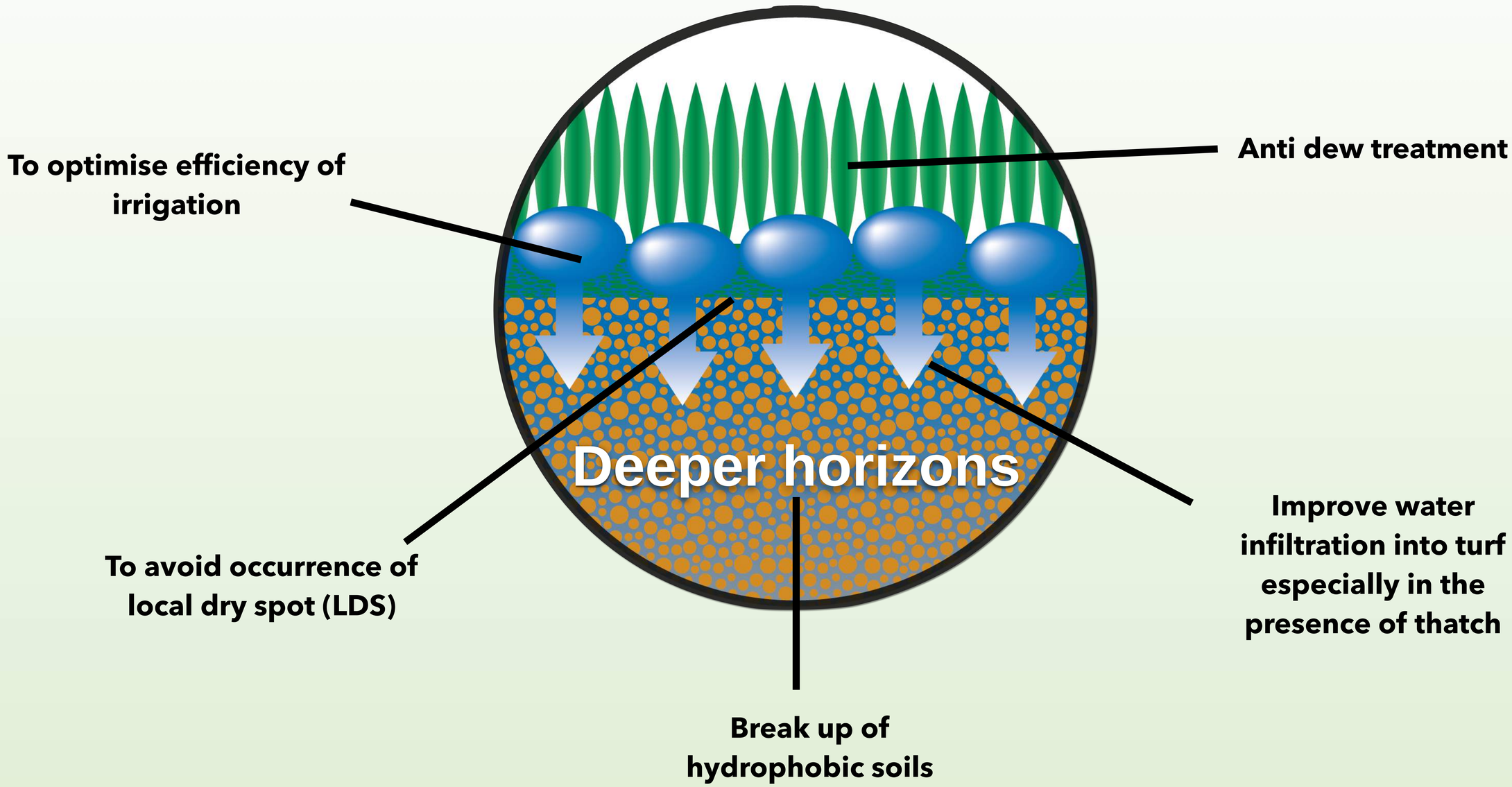


Kick®

Wetting agent

COMPO EXPERT®

The highly effective **Kick®** range offers the practical solution for **eliminating dry spots** that have already occurred and for scheduled **prevention** on amenity turf. Through targeted treatment, dry spots are moistened again, so that **regeneration of growth** can begin.



Mar-Sept

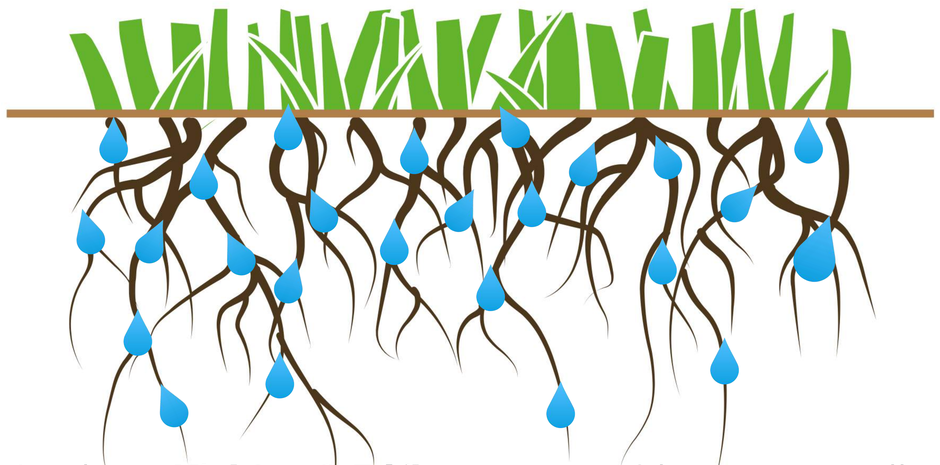
Kick®

- **Zero micro plastics**
- **Biologically degradable**
- **Ability to re-wet**

Product information

- Pack size - **2.5 L**
- Pack coverage - **1 ha**
- Application rate - **2.5 L/ha**
- Water volume - **600-800 L**
- Frequency - **Every 4 weeks**
- Area of use - **Fine turf surfaces**
- Action - **Increase water penetration and absorption. Prevents dry patch when used in a regular programme**

Kick® is a highly effective wetting agent concentrate increasing the **water absorption** of all types of turf soils **preventing drought** damage. Implementing a **Kick®** program ensures roots can continue to grow intensively and open up **deeper horizons**.



Applying **Kick®** at **2.5 l/ha** on a monthly program will ensure **consistent even moisture control** within your soils. **Kick®** will also improve **fertiliser** and **bio stimulant** performance encouraging healthy **soil biodiversity.**

It has been **scientifically proven** that **Kick®** lowers the **freezing point** of soils by **-2.2°C**. This provides extra **frost protection** during those early spring / late autumn days protecting your turf from damage and **keeping soils warmer**.

NEW

Kick® Dry Leaf

- **Optimum dew control**
- **Enhanced frost protection**
- **Biologically degradable**

Product information

- Pack size - **5 L**
- Pack coverage - **2 ha**
- Longevity - **2-3 weeks**
- Application rate - **2.5 L/ha**
- Water volume - **300-350 L**
- Frequency - **Dew occurrence**
- Area of use - **All turf surfaces**
- Action - **Coats blades of grass to prevent the formation of dew. Ideal prior to renovation periods.**

Dew pressure

Kick® Dry Leaf has been specifically designed to provide **optimum dew control.** The unique formulation of **Kick® Dry Leaf** coats each blade of grass **preventing the formation of dew** for up to **21 days. Kick® Dry Leaf** can be used on all turf areas to prevent dew formation, help's minimise disease outbreaks and improve overall **turf health** and **quality**.

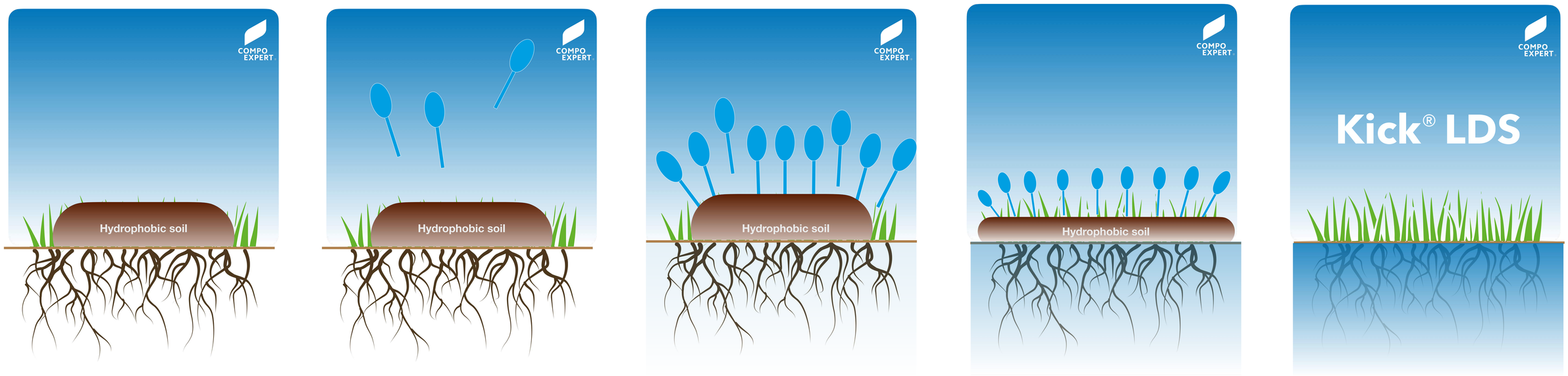
Kick® LDS

- **Cures hydrophobic soils**
- **Promotes even water distribution**
- **Retains moisture within the soil profile**

Product information

- Pack size - **10 L**
- Pack coverage - **1 ha**
- Longevity - **4 weeks**
- Application rate - **10 L/ha**
- Water volume - **600-800 L**
- Frequency - **Every 4 weeks**
- Area of use - **Fine turf surfaces**
- Action - **Moves and retains moisture evenly within the root-zone. Prevents & cures dry patch when used in a regular programme**

The active ingredient in **Kick® LDS** sticks itself with its apolar ends to the hydrophobic soil particles. The polar, hydrophilic (water attracting) ends protrude to the outside, are "**loaded**" with water, and direct it into the dry areas.



Mar-Sept

Kick® Fairway

Environmentally friendly

Designed for fairways & other outfield areas

Improves penetration and infiltration of water

Product information

- Pack size - **10 L**
- Pack coverage - **5 ha**
- Longevity - **4 weeks**
- Application rate - **2 L/ha**
- Water volume - **600-800 L**
- Frequency - **Every 4 weeks**
- Area of use -**Tees / Surrounds / Fairways / Sports fields / Lawns**
- Action - **Increase water penetration and absorption. Prevents dry patch when used in a regular programme**

Kick® Fairway is a highly effective wetting agent. It increases the **water absorption** and **prevents drought damage** on the fairways. This also applies to subsequent irrigations in the following weeks. The ability to **re-wet is guaranteed**. The roots can continue to **grow intensively** again and open up **deeper horizons**. **Kick® Fairway** wetting agent is **biologically degradable** and friendly to **soil microbes.**

#EXPERTSFORGROWTH

COMPO EXPERT®

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