



agrovista
amenity



Controlled
release
fertiliser

Evolution[©] Controlled

growing
through
innovation

Evolution[©] Controlled

Evolution Controlled is a fertiliser consisting of nutrients packaged in a coated granule that are released over an extended period of time. Longevity is determined by the thickness of the granule coating and by soil temperature.

As high temperatures accelerate the nutrient release and lower temperatures reduce the process, Evolution Controlled is a very effective product for supplying nutrients to the grass relative to current growth requirements.

There are significant environmental benefits, as nutrients that are released, to closely match the needs of the grass, are less likely to be lost from leaching by irrigation and rainfall, soil fixation and volatilisation. This is particularly apparent when compared to the use of conventional fast release fertiliser products where solubilised forms of nutrient unused by the grass can easily be leached away.

Key benefits

- Range covers a 3-7 month longevity
- Response to match the growth
- Quick start
- Reduced leaching
- Chloride free

Areas of use

The range boasts products in an outfield granulation; suitable for sports pitches, racecourses, golf fairways, tees and general amenity areas and in a fine granulation; suitable for golf greens, bowling greens and cricket squares.



25-5-10+MgO+Ca Fine 3-4 month release

Triple action nitrogen source to promote growth in a range of conditions. The immediate availability of nitrate ensures a rapid response. Polymer coated urea controls further release and ensures the turf continues to receive nitrogen over an extended period. Significant calcium and magnesium to support turf health and colour.

- Suitable for close mown areas
- Quick start and even growth

J F M A M J J A S O N D

Pack size:	20 kg
Application rate:	25-35 g/m ²
Pack coverage:	571-800 m ²
Bags per hectare:	13-18
Longevity:	3-4 months
Granulation size:	125 SGN



14-0-28+MgO+Ca Fine 3-4 month release

A high proportion of the nitrogen is in nitrate form for rapid reaction and recovery growth. Ideally suited for autumn renovation or where a strong growth response is required. Firm calcium and magnesium content to increase plant metabolism and presentation. The high potassium percentage will increase drought tolerance, transport and storage. Polymer coated urea for extended nitrogen release.

- Turf hardening
- Even coverage at low application rates
- High levels of calcium and magnesium

J F M A M J J A S O N D

Pack size:	20 kg
Application rate:	25-35 g/m ²
Pack coverage:	571-800 m ²
Bags per hectare:	13-18
Longevity:	3-4 months
Granulation size:	125 SGN



25-5-15+MgO+Ca

3-4 month release

The balanced nitrogen range is ideal for all growth conditions. A rapid response from nitrate and ammonium with longevity from urea and polymer coated urea for an even release pattern. Phosphorus availability will enhance photosynthesis, energy production, storage and transfer. Potassium will promote sugar and carbohydrate formation and drought tolerance.

- An effective balanced ratio
- Reduced nitrogen loss

J F M **A M** J J **A** S O N D

Pack size:	20 kg
Application rate:	25-35 g/m ²
Pack coverage:	571-800 m ²
Bags per hectare:	13-18
Longevity:	3-4 months
Granulation size:	250 SGN



30-5-15+MgO+Ca

6-7 month release

A premium, long lasting slow release fertiliser that precisely releases nutrients depending on conditions. Potassium nitrate will initiate an immediate response after application even at low soil temperatures. The high portion of controlled release nitrogen will ensure season long growth with consistent and predictable results.

- Reduced leaching
- Consistent nutrient release

J F M **A M** J J **A** S O N D

Pack size:	20 kg
Application rate:	25-50 g/m ²
Pack coverage:	400-800 m ²
Bags per hectare:	13-25
Longevity:	6-7 months
Granulation size:	250 SGN



15-0-30+MgO+Ca

3-4 month release

The quick release nitrogen percentage will give an immediate response. Longevity is attained from urea and polymer coated urea. A phosphate free fertiliser but significant potassium portion for turf hardness and disease resistance.

- Extended nitrogen availability
- Contains micro nutrients
- Ideal winter preparation

J F M **A M** J J **A** S O N D

Pack size:	20 kg
Application rate:	25-35 g/m ²
Pack coverage:	571-800 m ²
Bags per hectare:	13-18
Longevity:	3-4 months
Granulation size:	250 SGN



18-0-32+MgO+Ca

6-7 month release

A controlled release autumn and winter fertiliser specially formulated with high potassium for turf hardness. Potassium derived from potassium nitrate, as well as potassium sulphate to ensure a rapid growth response, even at low temperatures.

- Winter hardness
- Gives a reliable 6-7 month longevity
- Provides a quick turf response

J F M **A M** J J **A** S O N D

Pack size:	20 kg
Application rate:	25-50 g/m ²
Pack coverage:	400-800 m ²
Bags per hectare:	13-25
Longevity:	6-7 months
Granulation size:	250 SGN



KEY

● Main usage period ● Extended usage period

Product analysis

	25-5-10 (Fine 3-4 Month)	14-0-28 (Fine 3-4 Month)	25-5-15 (3-4 Month)	15-0-30 (3-4 Month)	30-5-15 (6-7 Month)	18-0-32 (6-7 Month)
Total Nitrogen	25%	14%	25%	15%	30%	18%
Polymer Coated Urea	16.25%	9.1%	16.25%	9.75%	22.5%	13.5%
Ammonium fro DAP	2%	-	3%	-	1.8%	-
Urea	3.75%	-	2.75%	2.55%	1.5%	1.8%
Nitrate from Potassium Nitrate	3%	4.9%	3%	2.7%	4.2%	2.7%
Phosphate - Diammonium phosphate	5%	-	5%	-	5%	-
Total Potassium (K ₂ O)	10%	28%	15%	30%	15%	32%
Potassium Sulphate	-	-	5.25%	21%	-	16%
Potassium Nitrate	10%	28%	9.75%	9%	15%	16%
Magnesium (MgO)	2%	2%	1%	1.6%	0.4%	0.4%
Calcium (Ca)	7.1%	6.1%	2.1%	3.2%	0.5%	0.2%
Controlled Release Nitrogen (% of Total N)	65%	65%	65%	65%	75%	75%

Nutrient inputs (kg/ha)

Rate	25-5-10 (Fine 3-4 Month)			14-0-28 (Fine 3-5 Month)			25-5-15 (3-4 Month)			15-0-30 (3-4 Month)			30-5-15 (6-7 Month)			18-0-32 (6-7 Month)		
	N	P	K	N	P	K	N	P	K	N	P	K	N	P	K	N	P	K
25 g/m ²	62.5	12.5	25	35	0	70	62.5	12.5	37.5	37.5	0	75	75	12.5	37.5	45	0	87.5
30 g/m ²	75	15	30	42	0	84	75	15	45	45	0	90	90	15	45	54	0	105
35 g/m ²	87.5	17.5	35	49	0	98	87.5	17.5	52.5	52.5	0	105	105	17.5	52.5	63	0	122
40 g/m ²	-	-	-	-	-	-	-	-	-	-	-	-	120	20	60	72	0	140
45 g/m ²	-	-	-	-	-	-	-	-	-	-	-	-	135	22.5	67.5	81	0	157
50 g/m ²	-	-	-	-	-	-	-	-	-	-	-	-	150	25	75	90	0	175

growing through *innovation*

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