



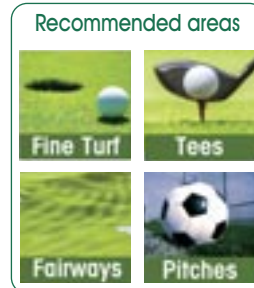
## FERTILIZERS

# PolyPro Range

Controlled release – coated micro-granular fertilizers

## WHY POLYPRO FERTILIZERS

- › Reactive Layers Coating Technology N & K
- › Durable and uniform polymer membrane
- › Releases nutrients via temperature-controlled diffusion – unaffected by moisture
- › Consistent, predictable and gradual release
- › Conventional release fraction for initial response
- › Reduced leaching and volatilisation of N



This range has been formulated with Polymer Coated Nitrogen and Potassium, Polymer Coated Sulphur Coated Urea and a conventional compound granule, so the plant receives the early required boost, in conjunction with the long lasting nutrition which gives long term benefits of increased durability and stress tolerance.



## PolyPro selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m <sup>2</sup>	PACK COVERAGE m <sup>2</sup>	LONGEVITY	N kg/ha	P kg/ha	K kg/ha
25-3-15	An NPK fertilizer, for full season growth. P and K will encourage root development in spring	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	62.5 87.5	7.5 10.5	37.5 52.5
18-4-18	Balanced NK fertilizer with P for all round plant health	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	45.0 63.0	10.0 14.0	45.0 63.0
15-0-25	High K for stress control in drought conditions, high wear areas and high disease pressure situations	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	37.5 52.5	0 0	62.5 87.5
0-0-45	100% coated K only, corrects deficiency in sand construction and hardens turf in autumn/winter	1.0-2.0	20	20 35	1000 571	NUTRIENT RELEASE FOR 20-24 WEEKS	0 0	0 0	90.0 157.5



## PolyPro SK selector

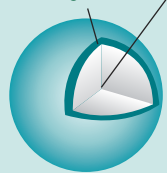


22-5-6 + 2MgO +2CaO + seaweed	NPK fertilizer with coated N, and added Mg, Ca and seaweed for reduced stress	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	55 77	12.5 17.5	15 21
14-0-28 + 2MgO +2CaO + seaweed	Double K fertilizer with coated N, organic K, seaweed and Ca for improved winter hardiness	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	35 49	0 0	70 98

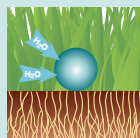


## PCU & PCSOP

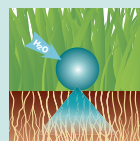
PolyPro Coating Technology



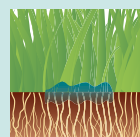
These two polymer coated granules will give full season release



Within a week of application, the polymer coating allows soil moisture in, which activates encapsulated nutrients but doesn't release them.



Over the next several months, the membrane slowly releases dissolved nutrients through diffusion, only when triggered by soil temperature.



After complete release of nutrients, the polymer coating microbially decomposes into naturally occurring soil elements.

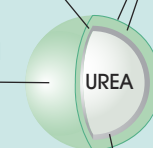
## PCSCU

Advanced Dual-coating Technology

Less Sulphur coating reduces N lock-off and delivers more N

Coating integrity is maintained during transport, blending, bagging and application

Outer layers consist of a thin coating of elemental Sulphur and polymer wax, which work together to protect the inner polymer coating



Inner layers consist of a thin, cross-linked polymer film that encapsulates and protects the Urea granule

# PolyPro SK

Provides several months controlled release nutrition, in conjunction with organic nutrition and biostimulants. This micro-granular range includes a compound granule blended with coated nutrient, to give superior application compared to lesser products.

- ▶ PCU with Reactive Layers Coating Technology
- ▶ Nutrient release not affected by moisture.
- ▶ Reduced leaching and volatilization of Nitrogen
- ▶ Added seaweed and organic potassium for improved microbial activity and root development
- ▶ Calcium and Magnesium for improved disease tolerance

TOTAL NITROGEN %	AMMONIACAL	UREIC	COATED N %	COATED K %	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
25	2.0	2.2	83 (20.8)	42 (7.4)												
18	5.7	4.0	46 (8.3)	50 (9.0)												
15	4.6	2.0	56 (8.4)	50 (12.5)												
0				100 (45)												



22	4.6	2.4	68 (15.0)													
14	1.5	2.7	70 (9.8)													