

# HARACOAT™ PSCU

## CONTROLLED RELEASE NITROGEN + SULPHUR FERTILISERS

- Long term sustained N release
- Ideal for pasture & crops
- Higher N efficiency and recovery
- Less applications required
- Reduced potential of leaching
- No volatile N losses
- Use at 60-70% of standard Urea rates
- Reduces N inputs in Overseer
- Sulphur improves N efficiency
- Environmentally friendly

REDUCES  
N INPUTS IN  
OVERSEER

### APPLICATION RATE GUIDELINES:

Haracoat™ are a range of controlled release fertilisers. Release rates will vary according to grade selected, soil temperature, and the presence of moisture. In excessively wet conditions, Haracoat does not release any faster. Haracoat PSCU Nitrogen fertilisers offer superior levels of N efficiency. Because there is no volatilisation, Haracoat can be applied in dry conditions with no gaseous losses.

#### FODDERCROPS

**Kale:** Apply 130kg/ha (Dryland) or 250kg/ha (Irrigated) Haracoat PSCU37 at 4-6 weeks post emergence. This should carry the crop through without the need for further N applications.

**Maize:** Depending on deep N soil test results, paddock history, and amount of starter N fertiliser used, aim to supply a total of 220kg N/ha for a 20mt crop. Apply the balance of N requirements as Haracoat PSCU37 calculated at 65% the rate that would be supplied as Urea.  
eg  $100\text{kg N} = 220\text{kg Urea} \times 0.65 = 140\text{kg/ha Haracoat PSCU37}$ .

**Fodderbeet:** This crop has a high Potassium requirement so Potash should be applied in the base dressing along with other nutrients. Haracoat PSCU50 / 55 are ideal for this purpose. Sidedress Haracoat NK50 @ 250-300kg/ha at 4-6 leaf stage. That will be sufficient to carry the crop through to maturity with no further dressings required.

**Dairy Pasture:** Apply Haracoat PSCU37 at 65% the rate of standard Urea / Sustain at 40-50 day intervals (i.e. every second round). This negates the effect of trampling damage and subsequent early release if granules popped by hooves of grazing animals.

### APPLICATION:

Spread through conventional equipment, however if any yellow dust is observed behind spreader, cut back the spinner rpm until no further dust is evident. Some spreaders have an aggressive action and will damage the Sulphur + Polymer coating unless spinner speed is reduced. Bredal spreaders need to be set at 550-600rpm on chute settings 7.5-8 which will deliver an even 24m spread width. Damage to the coating will result in premature release. For further information please contact ViAg.

AVAILABLE FROM:



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# HARACOAT™

## CONTROLLED RELEASE FERTILISER



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# Polymer + Sulphur COATING TECHNOLOGY



**HARACOAT PSCU** is made by coating urea with sulphur and polymer coatings, the amount of which will determine the product's nitrogen release characteristics. The dual coating layers are biodegradable, flexible and provide good controlled release.

Nitrogen supply is continuous and stable, slower in cooler conditions, faster when warmer. The same conditions that control plant growth rates apply to the N release from Haracoat.

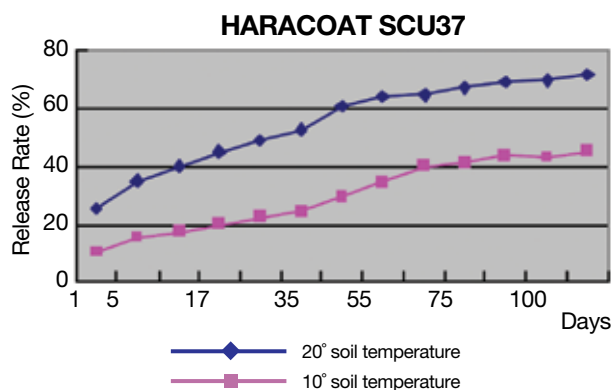
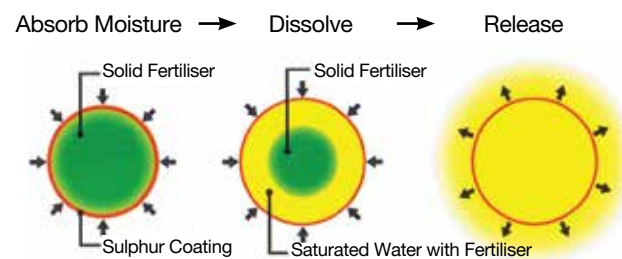
In the soil environment, the urea is gradually diffused through the imperfections in the coating such as minute cracks, pinholes and incomplete coating structure to achieve this slow release effect.

Haracoat has three release phases. The first will start immediate N release upon exposure to water; the second releases N after a few weeks and the third provides longer release to provide later N requirements of the crop or pasture.

Longevity is determined by the thickness of the sulphur coating and the amount of polymer sealant, all of which is determined by soil temperature and moisture.

## HARACOAT PSCU (NITROGEN)

<b>Haracoat PSCU37</b> = 37%N, 15%S	90 day release (in stock)
<b>Haracoat PSCU34</b> = 34%N, 22%S	120 day release (on request)
<b>Haracoat PSCU32</b> = 32%N, 25%S	120 day release (on request)



## HARACOAT PSCK TYPES (POTASH)

<b>Haracoat PSCK 55</b> = 46%K as MOP, 7.5%S 50% coated	60 day release plus 50% uncoated for immediate release
<b>Haracoat PSCK 50</b> = 42%K as MOP, 15%S fully coated	120-150 day release

### Use Haracoat PSCK at 80% rate of standard MOP

- Reduces luxury uptake of K and associated animal health issues such as Milk Fever and Grass Staggers
- Ideal on Peat, Sandy or lighter soils where K more prone to leaching

## HARACOAT NK (N + K + S) COMBINATION

<b>Haracoat NK 50</b> (NPKS 22-0-17-15)
90-120 day release

