

# The finest controlled release fertilizer available

Sierrablen for sports fields, tees and fairways. They have consistently performed to the highest standard over a number of years. The product benefits include:

- Resin coated, Polymer coated or a combination of technologies
- 5/6 or 8/9 months longevity
- Coated NK or coated NPK
- Granule size 1.8 - 4.0 mm
- Mowing Height >10mm
  
- Polymer coated or resin coated
- 2/3, 4/5 or 5/6 months longevity
- Coated N or coated NPK
- Granule size 0.85 - 2.0 mm
- Mowing Height >6mm

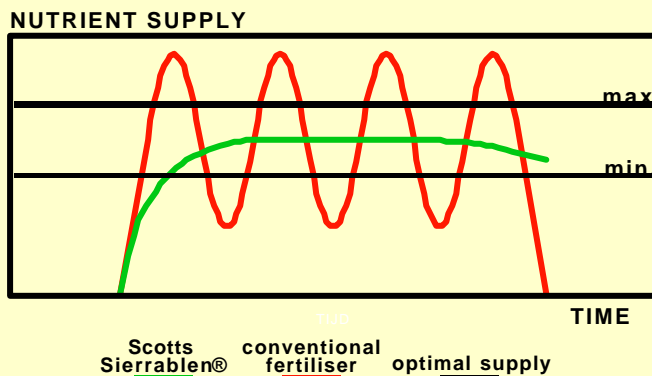
The Sierrablen Mini range has been designed to be used in turf areas where a small granule is needed but good longevity is still necessary, it is especially useful as a base feed on new fine turf constructions. Benefits include:

It is important to remember that only a small amount of nutrient is released at a time, unlike conventional fertilizers. This gives the product an extremely efficient nutrient release that matches the natural growth response of the grass plant – see diagram below.



## RELEASE PATTERN

- Release pattern compared to conventional fertiliser:

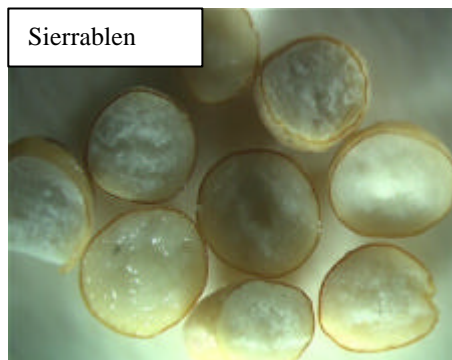


Overall fertilizer-input costs can also be reduced. Due to reduce application the other obvious benefit is reduced labour costs.

When considering the purchase of a controlled release product there are some important questions that should be asked.

1. Are product produced to Quality Standard ISO 9001
2. Are they designed for European conditions
3. Do they have a long track record for consistency and quality

All Scotts fertilizers conform to the above, this can be demonstrated by the remarkable picture below which shows the difference in quality of the granule production between a Sierrablen granule and a competitor granule. Note the consistency of the granule coating of the Sierrablen product compared to the competitor. If the coating is consistent this will allow the granule to deliver nutrient more efficiently. It is also worth noting that the Sierrablen granules are completely filled with nutrient.



It is also important to know at what temperature the release patterns and longevities are calculated on. This is because the main influencing factor controlling release of the nutrient is temperature. For example:  
Competitor product 30+8+8 is a 5-6 month product @ 16 centigrade.  
Sierrablen 28+5+5 is a 5-6 month product @ 21 centigrade.  
Sierrablen 27+5+5 is a 8-9 month product @21 centigrade.

Therefore the two Scotts products (if based on the competitors calculation) would be approx. 7 month & 9-10 month longevity's respectively. This calculation should be taken into account when comparing price of products.

Also some of the competitor products blend uncoated N into the overall mix. This can lead to rapid leaching of this portion of the product and could create speckling of the turf especially at lower rates.