



# Improving your grass silage with SC Nutrition Ltd





# Why SCN promotes Sil-All 4\*4...

SC Nutrition Ltd is passionate in improving forage quality to help drive forage intakes and reduce bought in feed to have a healthy herd and healthy profits!

## So how do we achieve this.....

Phase 1 - Knowing when to cut, SCN Technicians carry out pre-mowing tests to determine when the grass is ready to be cut. Once the crop is cut and 4\*4 applied it gets to work capturing those sugars and reduce losses through respiration. Our Technician will also take samples of the grass when it is cut in the field and also once chopped and brought into the clamp.

Phase 2 - 4\*4 has 4 strains of bacteria and 4 strains of enzymes which help to drop pH, combat yeast and mould growth and maximise sugar availability for a good fermentation within the first 21 days of being ensiled.



Phase 3 - 4\*4 helps to stabilise your silage - because there was a quick pH drop in phase 1 no aerobic bacteria managed to take hold and grow within this phase.

Phase 4 - Once the pit is open the silage is exposed to oxygen running the risk of spoilage. 4\*4 continues to work at this, reducing mould and yeast growth. Our Technician will take silage samples to analyse nutritional value of your silage.



# Sil-All 4\*4 in the field...

In 2020 SCN carried out a project looking at 1st cut silage which had been separated into two groups - Group 1 was treated with 4\*4 and Group 2 was not, to determine how 4\*4 affected pH drop.

Results:

Day 7 (26/05/20) Treated:

•Tape= 4



Day 7 (26/05/20) Untreated:

•Tape= 5.4



In summary, the results we see at day 7 show the treated sample had a much more rapid pH drop to the optimal level of 4. However, the untreated silage sample had only dropped to 5.4, this indicates not all of the oxygen had been expelled and aerobic bacteria may be present, increasing the risk of damaging silage quality and feed value.

# Application & Contact Details

- Packaging - 250g sachet
- Application -10g/Tonne mixed
- Mixing - Dissolve 1 sachet in 5-10 litres of water and up to 50 Litres. Apply 2 Litre/ Tonne
- Treats - 25 Tonnes fresh crop



In order to make the most of your home-grown forage, we need to make sure it's cared for from the start!

For more information on using Sil-All 4\*4 on your grass silage this season, give us a call on:

Steve- 07718 086911  
Emma- 07712 165609  
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We look forward to working with you soon!