

TopDeck Silage Sealing System. The new way of protecting bulk silage.

Recent advances in plastics manufacture, and research coming out of Europe are providing new and better ways of covering and protecting bulk silage.

This research is enabling Australian dairy farmers and lot feeders to take advantage of the experience gained by European suppliers and farmers. The most recent advances indicate that using a triple layer system that Grevillia Ag is calling the "TopDeck" system provides superior sealing and protection of the silage in storage and maximizes the life of the plastics, while keeping costs down.

The TopDeck Silage Sealing System



1st layer – Rhinotec transparent sealing covers

These transparent plastic covers are lightweight, 45 μ thick and have a very high oxygen barrier. They are placed on the surface of the silage and form the first layer of the system. Clinging very closely to the surface of the fodder, these covers are also the least expensive components, and become the pieces that are replaced each season.



2nd layer – M-Silo plastic covers

This layer uses lightweight but high tensile 150 μ high oxygen barrier M-Silo pits covers. There is no need to use 200 μ covers which are more expensive and heavier to handle. Usually replaced each season when used alone, in the Topdeck System, these covers can be reused for 2-3 seasons if rolled back carefully from the pit face.



Top layer – Zilltec 240 mesh protective covers and Zill Silo bags

The Zilltec 240 protective covers protect the two layers underneath from UV degradation, animal and pest damage, and also provide additional weight to hold the layers underneath close to the surface of the silage. At 240g/sq m, the Zilltec protective covers are best used with the Zill Silo bags. Together, these covers and bags replace tyres, and are easy to use, less work, much cleaner and avoid snakes and spiders that can find homes in old tyres. Laid across the pit or bunker, the Zilltec cover is simply rolled up or folded away when the pit is opened. Being used in sections of 5m x 16m across the pit, the remaining covers stay in place until the face reaches the edge of the next cover. These covers also have hooking points on the edges that the Silo Bags can attach to.

These covers have the longest life of the system, lasting around 10 years if maintained correctly.

The Zill Silo Bags are filled with 5-10mm gravel, and have grab handles built in for easy handling. They are simply placed along the edges of each of the Zilltec 240 covers and where they overlap.



More information on the individual products used in the TopDeck System can be found in the individual product brochures, and on the Grevillia Ag website.

Or

Contact Grevillia Ag on
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