

### **New Snail Baiting Technology**

Since the mid 1990's, the adoption of minimal and no-till practices has seen rapid uptake across most broad acre cropping regions. These systems usually involve one or more of the following practices; stubble retention, direct drilling, minimal/no tillage, minimal/no burning, controlled trafficking, chemical fallows and harvest chaff management.

All of these practices generally equate to high organic matter/detritus layers on the soil surface in various stages of decomposition, more friable soils through compaction minimization, no soil disturbance/inversion, removal of unwanted out-of-season vegetation and more retained moisture. Since these practices have been adopted, there has been a clear shift in the abundance of pest species, in particular in the prevalence and distribution of Conical and Italian Snails, Slugs, European Earwig, Portuguese Millipede and various Slater species.

Additionally, recent trials have shown that these species are consuming Metaldehyde bait products intended for Snails, apparently without any ill-effect. **Being highly mobile** compared to Snails/Slugs, Earwigs, **slaters and Millipedes are able to encounter baits much more rapidly**, and as there is no ill effect, they tend to consume baits in their entirety before Snail/Slug encounter can occur. With snail/slug control reliant on the number of baits per square meter, this feeding behaviour of Earwigs, Slaters and Millipedes significantly reduces the efficacy of the Snail baiting programme.

Transcend® is highly effective on Snails and Slugs The small, compact pellet provides between 40 and 80 bait points per square meter (dictated by use rate) which is considered effective for Snail and Slug population control. The bait formulation demonstrates class leading rainfastness, maintaining its physical integrity for **4** – **8 weeks** under field conditions. This durability means that a single pass with Transcend® can persist longer in the field and may remove the requirement for secondary bait applications in a season, which is often the case with low durability Snail baits. Highly effective on Slaters, Millipedes and Earwigs and Snails.

Even though ingestion is required for efficacy, the amount consumed to cause lethality is low, leaving the majority of the bait available for Snail/ Slug encounter. The efficacy of Transcend® on these species is exceptional, with controlled experimental designs indicating 100% control.

If you are considering baiting snails this season and are concerned about the longevity of the bait, or other insects consuming the bait it might be worth trying Transcend® for a better result. Give us a call on 8676 2016 if you want details.





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**BioStart Ruminant** is powered by signal molecule technology. Ruminant contains a concentrated blend of enzymes and secondary metabolites from the fermentation of selected strains of digestive bacteria; *Lactobacillus acidophilus*, *Bifidobacterium & Streptococcus thermophilus*. BioStart Ruminant aids in maintaining efficient rumen function through periods of stress such as weaning, transport and feed changes by ensuring the right microbes dominate the gut.

- Increases digestive efficiency Reduces feed change stress Reduces weaning stress
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