

Prestige Super Soil Acidifier + NWA 5:0:0 + 4% Fe encourages worms to stay below the surface, using a unique combination of nutrients and natural wetting agents whilst improving plant health and adding colour to the sward.

- 1** Apply in autumn at first rainfall or as soon as worm activity is seen, ideally before casts start to form.
- 2** Repeat monthly as required.
- 3** Application should be 20Ltr per Ha in 700Ltr water on a monthly basis. Increase the rate to 40Ltr per Ha on problem areas or saturated ground.
- 4** This product is very acidic, clean spray equipment immediately after application with a spray tank cleaner such as Prestige Super Tank Cleaner.
- 5** The urea in the product will give 1.4kg/Ha of nitrogen per application (at 20Ltr/Ha). A green up will be seen, this is mainly from the iron content.
- 6** Best applied to moist soil and where possible, irrigated into the rootzone immediately afterward.
- 7** This product can produce foam when in the spray tank. We recommend Prestige De-Foamer to disperse the bubbles.
- 8** This product is very acidic, use a pH buffer like Prestige Super pH Buffer, to neutralise the tank water if it's above pH7.
- 9** Add 10ltr of Prestige Super Pest Preventor to 40ltr/Ha to also help to deter soil born pests.

FOR MORE TECHNICAL ADVICE AND TO ORDER:

-  Your local Area Technical Sales representative
-  Our Sales Office on 01328 700600
-  Visit www.collier-turf-care.co.uk



PRESTIGE® Field Trial Details

Super Turf Solutions

Super Pest Preventor & Super Soil Acidifier

- The field trial utilised four replicate 1 m² plots per treatment.
- The trial was set up and the first round of treatments applied on 26/08/20.
- A second application was made on 03/09/20.
- A third application was made on 09/09/20.
- A fourth and final application was made on 24/09/20.
- No phytotoxic effects on turf were observed from any of the treatment applications.
- Super Pest Preventor was tested at a range of application rates and in combination with Super Soil Acidifier + NWA.

Assessments

- The trial was assessed for effects on both leatherjacket and worm activity. The area the trial was performed in is a highly infested area which is obvious by the number of feeding holes in the turf surface.
- Effects were determined by:
- Counting the number of **leatherjacket cases** and **feeding holes** on the surface of a plot (those that had been driven out of the soil).
- Counting the number of **worm casts**.

Maintenance

- The trial area was top-dressed and rolled after assessment on 09/09/20.
- The purpose of this was to fill in any holes created by the leatherjackets and flatten any existing worm casts on the trial.
- This meant that any future assessments would only count disturbance caused by active worms leatherjackets.

13/09/20

Leatherjacket Feeding

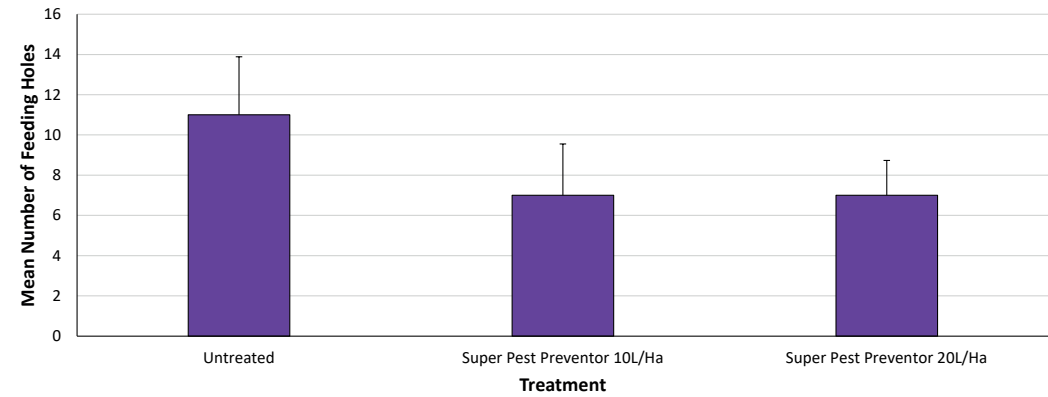
- An assessment was made four days after the maintenance work.
- We were able to gain good data on leatherjacket feeding holes.
- Super Pest Preventor at all rates and when applied in combination with Super Soil Acidifier seems to have reduced leatherjacket feeding activity.

Worm Casting

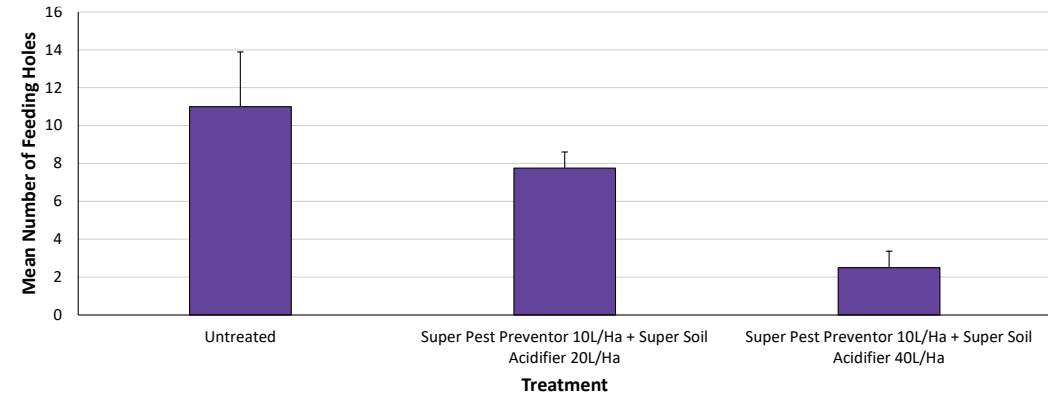
- We also gained some good data from a worm cast count.
- Again, Super Pest Preventor at all rates and when used in combination with Super Soil Acidifier seems to have had an effect on earthworm casting.
- Using Super Soil Acidifier seems to have a significant effect on worm casting and give much more consistent results.



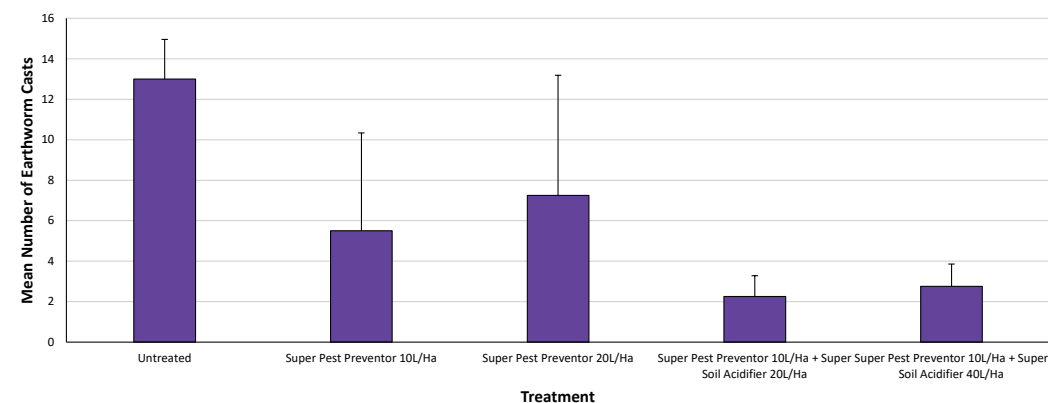
Leatherjacket Feeding Holes - 13/09/20



Leatherjacket Feeding Holes - 13/09/20



Fresh Earthworm Casts - 13/09/20



Cover photo shows a plot with high casting (middle), surrounded by treated plots with less casting

- Upon our visit to the trial area, there had been large scale crane fly emergence that morning!
- This gave a great opportunity to gain robust data on the effects the treatments had had on the emergence of the adult crane flies. Very positive results were observed...

Leatherjacket Cases

- With such a high number of cases counted in the trial, we have a very robust data set.
- There is a clear treatment effect on emergence.
- Less leatherjackets in the soil = less damage to turf!
- Both Pest Preventor used on its own and in combination with Super Soil Acidifier were highly effective at driving the leatherjackets out of the soil.

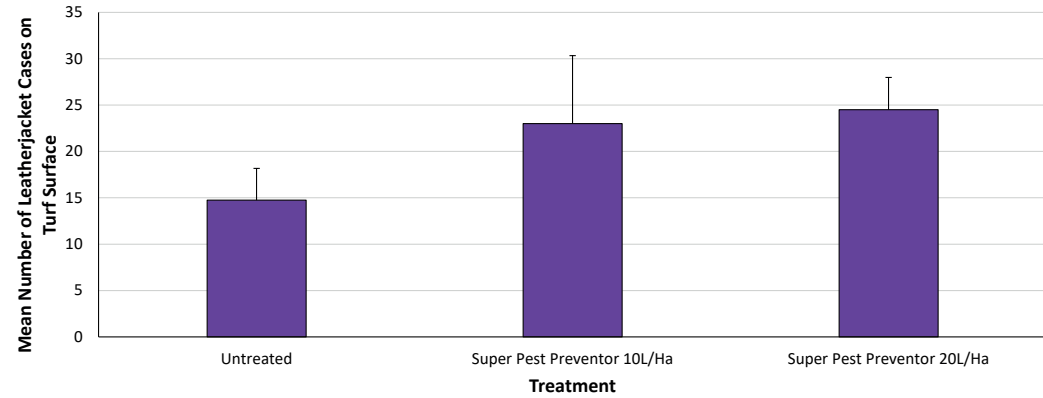
Worm Casting

- We were also able to count fresh worm casts on the trial area.
- We had a clear trend in the data, with the Super Soil Acidifier doing its job very well!
- With much more uniform wetting of the trial after a spell of heavy rain, conditions were perfect to assess effects on casting.
- Pest Preventor also offers some reductions in worm casting when used on its own.
- You can see how the increased longevity of the 40ltr/ha application rate of Super Soil Acidifier has resulted in less casting than at 20ltr/ha, even though results were very similar 10 days prior (13/09/20 results).

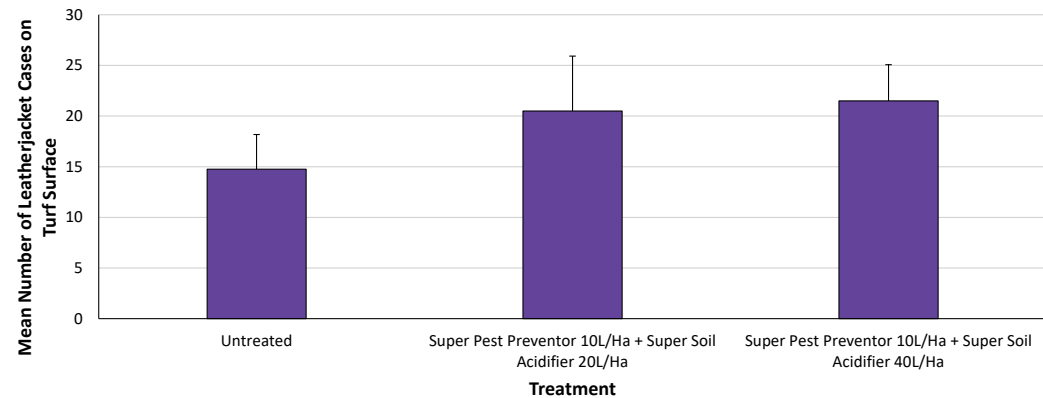


Leather jacket cases that have been left by crane fly emergence

Fresh Leatherjacket Cases - 24/09/20



Fresh Leatherjacket Cases - 24/09/20



Fresh Earthworm Casts - 24/09/20

