



Know Your Stuff With Dr Will Talbot

N-Protect - Boost Your Nitrogen Efficiency!

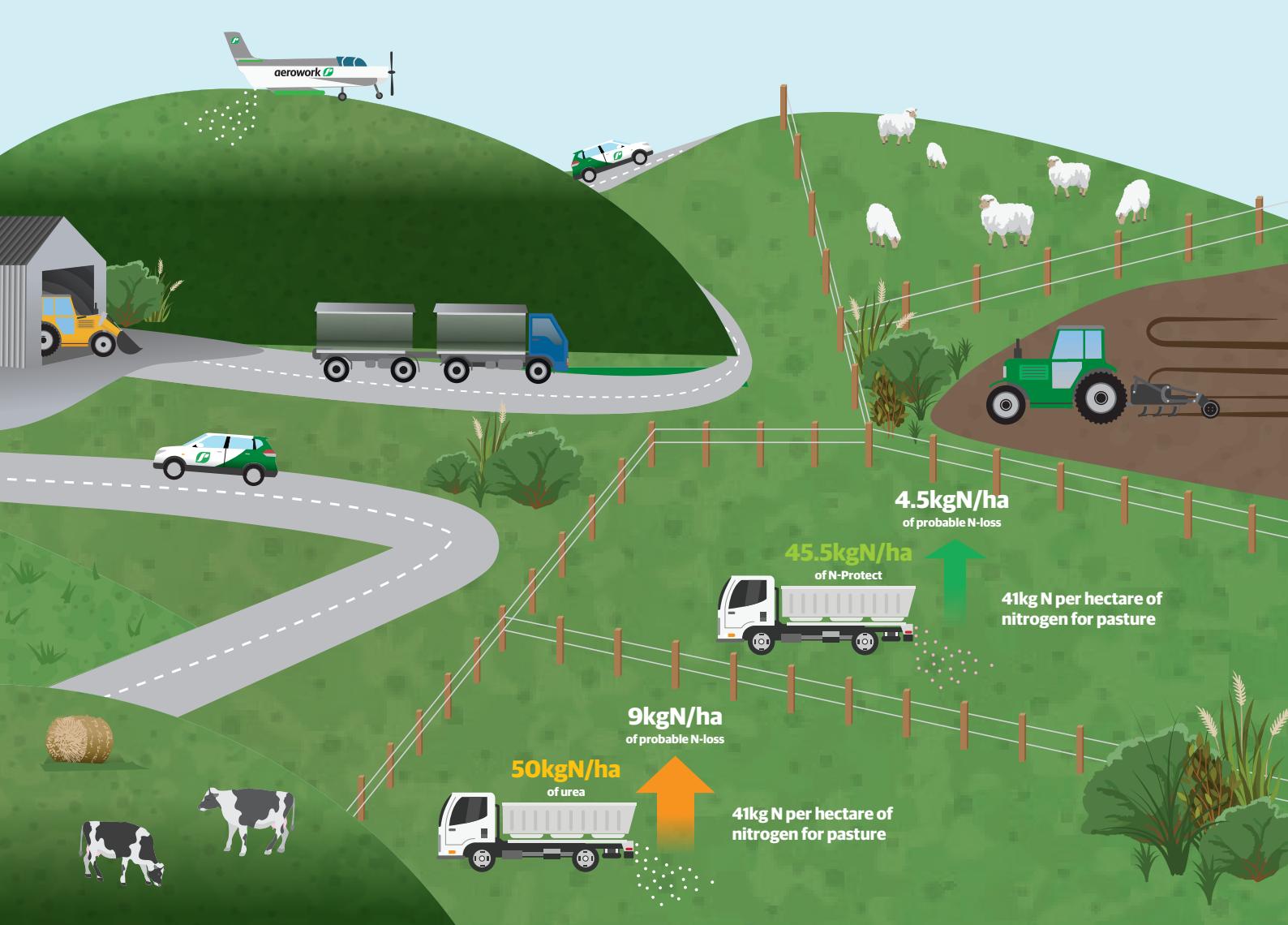


Why N-Protect Matters

When you apply urea fertiliser, some nitrogen (N) can be lost to the atmosphere through a process called volatilisation. On average, 18% of N applied is lost during spring, summer, and autumn. This is a significant loss and a missed opportunity to grow more grass or to use less fertiliser through improved efficiency, this is where N-Protect comes in.

How N-Protect Helps

To combat this loss, N-Protect was developed. It features a special coating with an inhibitor that reduces average ammonia-N losses by 50% compared to uncoated urea.



Benefits of N-Protect

Economic Efficiency

Save an average of 9% of the N you apply from being lost to the atmosphere, ensuring more N reaches your plant roots. Therefore, more of the applied nitrogen stays in the soil where it's needed.

Environmental Impact

Reduce N losses to the environment and lower indirect greenhouse gas emissions.

When N-Protect Is Most Important

- When there is enough moisture in the soil or air for the urea granule to dissolve, but not enough to wash it through the soil profile.
- In warm and windy conditions, as its controlled release reduces nitrogen loss through volatilization and ensures a steady supply of nutrients to the plants.
- When high rates (over 100 kg urea/ha) are applied, especially in cropping situations.

When N-Protect Is Not Required

- When urea is being soil incorporated.
- When you can ensure more than 10mm of rainfall or irrigation within 8 hours of application – timing is crucial.

Use N-Protect to maximize your nitrogen use efficiency and support both your farm's productivity and the environment!

Want to know more?
Contact your local Agri Manager or call our Customer Centre team on 0800 100 123.