

FIVE WAYS TO

# Boost carbon storage on your farm



Increasing on-farm carbon storage (sequestration) can provide several benefits, including improving soil health, boosting crop yields, reducing erosion, improving soil water retention and reducing fertiliser and pesticide inputs.

This can help lower your farm's emissions intensity and enhance resilience, supporting both financial and environmental benefits. Check out our top five tips for boosting carbon storage on your farm now:

## Plant natives

Integrating trees and shrubs into farming systems - through shelterbelts, windbreaks or vegetation blocks - can significantly increase carbon storage while providing plenty of other benefits to your farm. Trees store carbon in their wood and the soil beneath them, helping enhance soil health and improve biodiversity.

## Crop residues and rotations

Maintaining crop residues, like stubble and straw, can improve soil carbon by promoting soil organic matter formation and protecting soil structure. Rotating crop types each year can also help maintain soil health, prevent carbon loss and improve the soil's ability to store carbon.

## Rotational grazing

Rotational and adaptive grazing practices help increase soil organic matter and carbon sequestration. These practices allow grasses to

recover in between grazing cycles, ensuring ongoing feed for your livestock and enhancing the plant's ability to store carbon.

## Promote soil microbes

Encouraging healthy and diverse soil microbes through practices like minimum-till farming, retaining crop residues and avoiding excessive pesticide use can help boost soil carbon storage. Healthy soil microbes store carbon for longer periods and can boost your crop yields.

## Plant perennial pastures

Perennial crops, such as native grasses, have deeper root systems than annual crops. This allows them to store more carbon in the soil and increase their capacity over time. Since they don't need to be replanted each year, they can also reduce input costs and soil disturbance, which helps retain carbon in the soil.

## More information

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