



# Miscanthus New Zealand Ltd

Peter Brown | Managing Director

# What is Miscanthus?

- A perennial C4 grass related to sugar cane
- A triploid hybrid so is completely sterile
- Of temperate origin (Japan) but tolerant of cold
- A cellulosic plant with high productivity
- Tolerant of low fertility sites
- Low input crop
- A multi-use crop

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## **Miscanthus within months of harvest**

Lawn Road, Hastings. This crop in Hawkes Bay was two years and two months since planting. At end of 2012 drought.



## **Miscanthus at end of third year in NZ**

This trial stand near Huntly averaged 3.5 – 4 metres tall when photographed



## Miscanthus near Tokoroa late summer

Miscanthus New Zealand Limited  
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## **25 year old in Illinois**

Tom Voigt of University of Illinois and Eric Rund at stand of 25 year old MxG. Illinois

# What is Miscanthus used for

- Boiler fuel in place of coal or natural gas
- Stock shelter – on dairy farms in Canterbury
- Stock bedding – horses, dairy sheep, calves, chickens, etc
- Wood pellets
- Production of electricity and biochar
- Reducing Nitrogen leaching
- Renewable diesel



## Chipped Miscanthus

As harvested. Suitable for a variety of uses including stock bedding

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## **Miscanthus wood pellets**

The first wood pellets made in New Zealand from  
NZ grown Miscanthus – Hornum clone



## Ready for silage production?

Beginning of December - second year



**Mid January in New Zealand**

Miscanthus in its fourth growing season

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