

Contents

Seed project investigates biological controls for disease	03
Harnessing the potential from sugarcane biorefineries	04
Understanding the barriers to industry innovation	05
Harnessing cane's potential for animal feed	06
\$75M Green Power Station for Tableland Mill near Mareeba, QLD	08
Pilot project looks at billet deterioration	09
Mill stats show the results of solid 2015 harvest	10
New milling research investment kicks off	11
New research project into sugarcane harvest losses builds momentum	12
Climate forecasting to improve nitrogen management in the Wet Tropics	14
Milling Research Investment	15



Welcome to MillingMatters



Welcome to the fifth edition of Milling Matters magazine. Sugar Research Australia (SRA) produces this publication twice each year to update our investors on research and other activity that is occurring for the milling sector via SRA.

These investments occur primarily as a consequence of SRA's Strategic Plan, which has identified eight Key Focus Areas (KFAs) for research investment for SRA on behalf of the Australian sugarcane industry. Within those eight KFAs, milling research investment occurs via KFA 5 (milling efficiency and technology), KFA 6 (product diversification and value addition), KFA 7 (knowledge and technology transfer and adoption) and KFA 8 (capability development and retention). Milling research is also strongly linked to the other KFAs that have a strong focus on the farming system. Holistically, more tonnes in the paddock means more tonnes over the rollers.

In this edition, we are taking a close look at one of the major research investments that is occurring via the Commonwealth Government Rural R&D for Profit programme into sugarcane value-adding. This is a major research investment where SRA has leveraged SRA levy-payer investment to secure a significant Commonwealth investment into our industry (page 4-7).

This has also occurred via a new project in this program looking at harvest losses, which also has a strong focus on milling (page 14-15).

In this edition we also look at some of the new research projects that have just commenced, and we look at two of the career-development small-scale projects that SRA invests in. The first is with Dr Jan Zhanying Zhang with QUT on biocontrol agents, and the second is with Dr Anthony O'Connell with SRA on billet quality.

We hope that you enjoy this magazine.

Brad Pfeffer

Executive Manager, Communications

Above: The SRA Board visited the Tableland Mill as a guest of MSF in August 2016.

