

CONTENTS

- 3 BY THE NUMBERS
- 3 ROSLYN BAKER NEW CEO AT SRA
- 4 OPTIMISING THE FRONT END FOR BETTER HARVESTING
- 6 EASY AS 1, 2 3 4, 5, 6
- 8 NEW OPPORTUNITIES OPENING UP FOR NIR
- 10 IMIDACLOPRID APPLICATION – MEASUREMENT OF APPLIED DEPTHS
- 12 GROWERS ENCOURAGED TO GET IN EARLY WITH PACHYMETRA SAMPLING
- 14 NEW TECHNOLOGY COULD MEAN A LEAP FORWARD IN ON-FARM DISEASE DETECTION
- 16 USING CLIMATE FORECASTING FOR NUTRIENT MANAGEMENT
- 17 SUGAR INDUSTRY WORKING TOGETHER TO MANAGE FALL ARMYWORM RISK
- 18 2019 HERBERT HARVESTING DEMONSTRATION PROJECT
- 20 AQUATILL: A NEW METHOD TO MINIMUM TILL
- 21 RESEARCH PROJECT INVESTMENT

WELCOME TO THE AUTUMN 2020 EDITION OF *CaneConnection*

Welcome to the Autumn edition of SRA's CaneConnection magazine, bringing you information on SRA's investment into research, development and adoption across the industry.

In this edition, we update you on research being led by Norris ECT examining the front-end components of harvesters looking for solutions that could improve the efficiency of harvesting. You can read more about this on page four and five, specifically trials that occurred at Condong, NSW, in late 2019. Just up the road at Rocky Point, we also look at the process for developing new SIX EASY STEPS nutrient management guidelines for that region. The growers involved in this development say that the guidelines are a win-win: saving them money and helping them continue to improve their sustainability.

This edition also visits the Southern Region to see the Aquatill in action; outlines exciting new opportunities that are arising within sugar mills for the application of near infra-red; and also looks at the correct application of liquid imidacloprid.

Finally, a reminder that there are plenty of great events coming up in the next few weeks, including SRA's annual grower research updates. These events are a chance to chat about the latest research developments, meet the scientists and adoption officers doing the work, and to answer your questions. We hope to see you at your nearest update. For more information, visit the events page of the SRA website. You can also contact your nearest SRA station for more information.

Brad Pfeffer
Executive Manager, Communications

(Cover page) SIX EASY STEPS validation trial in the Rocky Point region.

Design: Catherine Jorissen, SRA.

CaneConnection is a registered trademark.

ISSN 2203-1111 (Print) ISSN 2203-112X (Online) © Copyright 2020 by Sugar Research Australia Limited. All rights reserved. No part of CaneConnection (this publication), may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of Sugar Research Australia Limited. Sugar Research Australia Limited acknowledges and thanks its funding providers, including levy payers (sugarcane growers and millers), the Commonwealth Government, and the Queensland Government (Department of Agriculture and Fisheries). **Disclaimer:** In this disclaimer a reference to 'SRA', 'we', 'us' or 'our' means Sugar Research Australia Limited and our directors, officers, agents and employees. Although we do our very best to present information that is correct and accurate, we make no warranties, guarantees or representations about the suitability, reliability, currency or accuracy of the information we present in this publication, for any purposes. Subject to any terms implied by law and which cannot be excluded, we accept no responsibility for any loss, damage, cost or expense incurred by you as a result of the use of, or reliance on, any materials and information appearing in this publication. You, the user, accept sole responsibility and risk associated with the use and results of the information appearing in this publication, and you agree that we will not be liable for any loss or damage whatsoever (including through negligence) arising out of, or in connection with the use of this publication. We recommend that you contact our staff before acting on any information provided in this publication. **Warning:** Our tests, inspections and recommendations should not be relied on without further, independent inquiries. They may not be accurate, complete or applicable for your particular needs for many reasons, including (for example) SRA being unaware of other matters relevant to individual crops, the analysis of unrepresentative samples or the influence of environmental, managerial or other factors on production.