

SRA37[®]

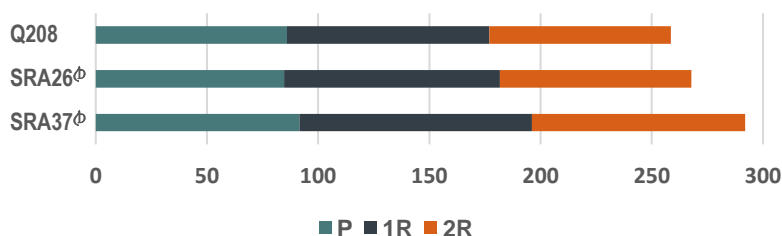
(QS09-7559, QC82-663 x Q205)

NORTHERN COASTAL variety summary factsheet – more information, including detailed herbicide toxicity data, can be found in your latest regional Variety Guide and on the Sugar Research Australia website.

VARIETY ATTRIBUTES

In SRA field trials, SRA37[®] has demonstrated strong ratooning capabilities. Although it offers only a marginal sugar yield advantage in its plant crop over Q208, it gains a 11% advantage over Q208 overall due to its exceptional performance in ratoons. This consistent trend has been observed across all Northern coastal trial locations since its initial testing in 2016. SRA37[®] is a rapid and reliable germinator, making it ideal for early crop establishment. It is also very reluctant to arrow even during optimum conditions, which allows it to continue growing throughout the season for mid to late harvesting. SRA37[®] provides growers with improved ratooning ability and better disease resistance to *Pachymetra* compared Q208.

Tonnes cane/Ha over crop class



VARIETY	RELATIVE TO Q208	
	CCS	TSH
Q208	0.0	0.0
SRA26 [®]	0.5	1.1
SRA37 [®]	-0.3	1.5

Productivity data presented is from 18 x Plant, 15 x 1R and 12 x 2R harvest results from Northern FATs planted in 2019, 2020, 2021, 2022 and 2023.

VARIETY	DISEASE RATINGS						APPEARANCE AT HARVEST		
	Smut	Pachymetra	Leaf scald	Orange rust	Brown rust	Yellow spot	Arrow	Lodging	Suckering
Q208	I-R	I	R	R	R	R	Mod-heavy	Average	Light-mod
SRA26 [®]	R	R	R	R	P*	R	V. sparse	Av-Good	Light
SRA37 [®]	I-R	I-R	R	P*	P*	P*	V. sparse	Good	Light

■ RESISTANT (R) ■ RESISTANT-INTERMEDIATE (I-R) ■ INTERMEDIATE (I) ■ INTERMEDIATE-SUSCEPTIBLE (I-S) ■ SUSCEPTIBLE (S) * PROVISIONAL RATING (P)

AGRONOMIC FEATURES

SRA37[®] is becoming well known for its fast germination when compared to current commercial varieties. SRA37[®] is quick to produce multiple tillers for early crop establishment. It has a moderate, loose trashing, stalk population at maturity which sometimes display pale green and red candy stripes. It has an erect growth habit for good presentation to the harvester. SRA37[®] has more of an erect canopy than SRA26[®], but it still provides better canopy closure than Q208 for good weed competition. Provisional leaf disease ratings for SRA37[®] are resistant, if mottled leaves are found then leaf nutrient testing should be considered. Strong ratooning is a key feature of SRA37[®] when compared to Q200 and Q208, yielding up to 17% greater cane yield than Q208 at second ratoon.

SRA37[®] offers better disease resistance to smut and *Pachymetra* over the current major varieties grown across the Far Northern region. SRA37[®] is a very sparse to non-arrowing variety and does not sucker readily. It will continue to grow steadily throughout the autumn and winter months, similar to SRA26[®]. Limited maturity testing suggests SRA37[®] follows a similar maturity curve as Q200 and SRA26[®] and is best harvested mid or late in the season. Maturity testing should be a priority if considering the use of growth regulators.

SRA37[®] is protected by Plant Breeders Rights (PBR) as denoted by the [®]symbol. SRA37[®] growers are subject to the terms of the SRA License Agreement which can be viewed on the Sugar Research Australia website. This license is currently royalty free.

Disclaimer Copyright © 2024 All rights reserved. No part of 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 SRA. In this disclaimer a reference to "we", "us" or "our" means Sugar Research Australia Limited and our directors, officers, agents and employees. Although we do our 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 report 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 report. You, the user, accept sole responsibility and risk associated with the use and results of the information appearing in this report 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 report. We recommend that you contact our staff before acting on any information provided in this report. 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.

For more information on variety field trials contact: Northern Variety Development Manager, Felicity Atkin, E fatkin@sugarresearch.com.au, M 0408 062 085

sugarresearch.com.au

