

SRA37[®]

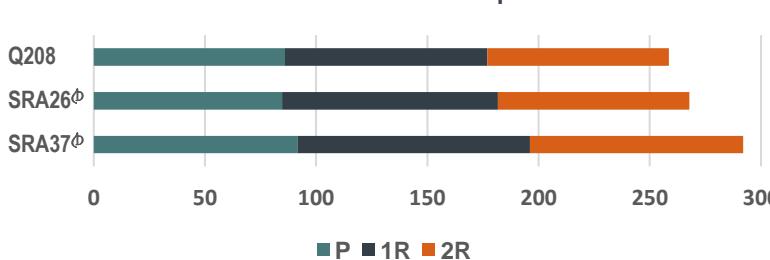
(QS09-7559, QC82-663 x Q205)

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.

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

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