

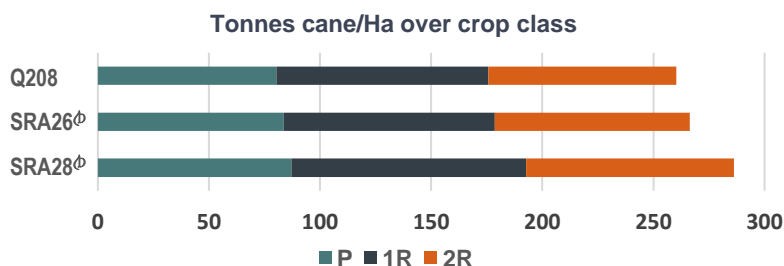
# SRA28<sup>®</sup>

(QS08-8776, Q233<sup>®</sup> x Q135)

NORTHERN COASTAL AND TABLELAND 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

SRA28<sup>®</sup> has shown broad adaptability across diverse growing environments across the Northern coastal, Tablelands and Herbert regions. Like Q253<sup>®</sup>, it is quick to respond in growth to moisture availability after rain. Selecting planting material that is younger than 12 months old is important for successful crop establishment. Germination in SRA28<sup>®</sup> is slower than other commercial varieties; yet, it has proven its ability to compete with other recently released commercial varieties in SRA field trials, achieving a 3% sugar yield advantage over SRA26<sup>®</sup> and 11% over Q208. This variety provides a profitable option for growers concerned about elevated Pachymetra and smut risk.



VARIETY	RELATIVE TO Q208	
	CCS	TSH
Q208	0.0	0.0
SRA26 <sup>®</sup>	0.6	1.0
SRA28 <sup>®</sup>	0.2	1.6

Productivity data presented is from 22 x Plant, 19 x 1R and 16 x 2R harvest results from Northern FATs planted in 2018, 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 <sup>®</sup>	R	R	R	R	P*	R	V. sparse	Av-Good	Light
SRA28 <sup>®</sup>	I-R	R	R	R	P*	R	Moderate	Good	Moderate

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

## AGRONOMIC FEATURES

Although SRA28<sup>®</sup> is a reliable germinator, issues have been observed with mature or older planting material. Therefore, it is essential to prioritise using younger material less than 12 months old. This variety may also be sensitive to hot water treatment. While its initial growth and tillering can be slower compared to other commercial varieties, it does not reflect SRA28<sup>®</sup>'s yield potential. SRA28<sup>®</sup> has similar ratooning ability to Q200 and Q208. To maximise CCS, maturity testing or avoiding harvest soon after heavy rain is recommended as SRA28<sup>®</sup> rapidly responds in growth to rainfall.

SRA28<sup>®</sup> has a moderate stalk population with good diameter, and its distinct purple leaf sheath and moderate trashing make it easily distinguishable. Its clean green canopy with good closure provides excellent weed competition, and the compact stool with an erect habit allows for good harvester presentation. Suckers in SRA28<sup>®</sup> are visibly noticeable due to their purple colour and number. However, trial data suggests that suckering levels are variable but typically similar to Q240<sup>®</sup>, Q250<sup>®</sup>, and Q253<sup>®</sup>. Arrowing is similar to Q200 in an average year, though it can be profuse under favourable conditions.

SRA28<sup>®</sup> is protected by Plant Breeders Rights (PBR) as denoted by the <sup>®</sup> symbol. SRA28<sup>®</sup> growers are subject to the terms of the SRA License Agreement which can be viewed on the Sugar Research Australia web page. This license is currently royalty free.



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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**

[sugarresearch.com.au](https://sugarresearch.com.au)