

# SRA9<sup>Φ</sup>

(QC97-2432, QN81-289 x Q166)

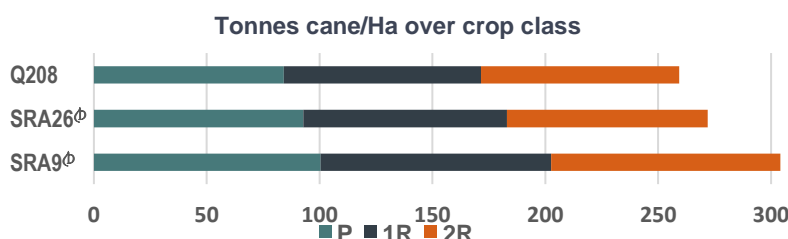


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NORTHERN COASTAL and TABLELAND variety summary factsheet – more information, including detailed herbicide toxicity data, can be found in your latest regional Variety Guide and on the Sugar Research Australia website.

## VARIETY ATTRIBUTES

SRA9<sup>Φ</sup> is a Central region variety that has demonstrated exceptional results in SRA field trials conducted in the Far North, outperforming Q208 by 13% in terms of sugar yield. The yield advantage provided by SRA9<sup>Φ</sup> has been consistent across crop classes. Despite having a lower sugar content than some other recently released varieties, SRA9<sup>Φ</sup> is a profitable choice due to its vigorous growth and high tonnage at harvest. Additionally, SRA9<sup>Φ</sup> is a good choice for growers dealing with higher *Pachymetra* spore counts, though where smut pressure is high, growers should seek more resistant alternatives.



VARIETY	RELATIVE TO Q208	
	CCS	TSH
Q208	0.0	0.0
SRA26 <sup>Φ</sup>	0.6	1.2
SRA9 <sup>Φ</sup>	-0.3	2.1

Productivity data presented is from 22 x Plant, 19 x 1R and 16 x 2R harvest results from Northern FATs planted in 2017, 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>Φ</sup>	R	R	R	R	P*	R	V. sparse	Av-Good	Light
SRA9 <sup>Φ</sup>	I	R	R	R	P*	I-R	Sparse	Av-Good	Light

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

## AGRONOMIC FEATURES

SRA9<sup>Φ</sup>'s vigour has been consistently demonstrated across numerous trial locations in the Northern coastal region, and it stands erect even in high-yielding crops providing good harvester presentation. SRA9<sup>Φ</sup> is a sparse arrowing variety, is moderate trashing and does not sucker easily. Compared to Q208, SRA9<sup>Φ</sup> is a rapid and reliable germinator. At maturity, it develops tall stalks with moderate to high numbers and an average diameter. While it possesses a more upright canopy than SRA26<sup>Φ</sup>, it still outcompetes Q208 in terms of weed suppression. Moreover, SRA9<sup>Φ</sup> retains a clean green canopy year-round except in years with high yellow spot pressure.

Smut incidence in SRA9<sup>Φ</sup> from natural field infection indicate that it is more resistant to the disease compared to Q200 but exhibits similar levels of resistance to Q208. However, smut can still occur in SRA9<sup>Φ</sup> if the crop is stressed or exposed to high smut pressure from neighbouring crops. It grows steadily throughout autumn and winter making it best harvested mid or late in the season. Maturity testing should be a priority if considering the use of growth regulators. For Northern coastal growers facing high *Pachymetra* risk, SRA9<sup>Φ</sup> is a profitable variety to consider.

SRA9<sup>Φ</sup> is protected by Plant Breeders Rights (PBR) as denoted by the <sup>Φ</sup> symbol. SRA9<sup>Φ</sup> 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.



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