

SRA40*

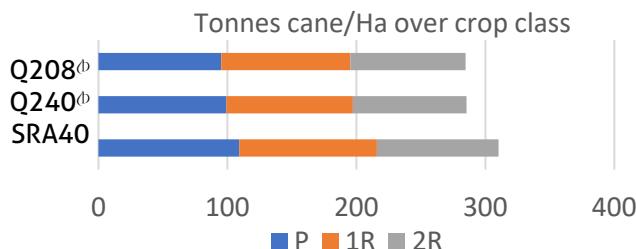
(CP70-1547 x QA96-1492)

CENTRAL variety summary factsheet – more information, including detailed herbicide toxicity data, can be found in your 2023/24 regional Variety Guide.

VARIETY ATTRIBUTES

SRA40 has shown a TCH yield advantage over Q208[◊] of 9%, and a TSH advantage of 4% in SRA field trials. This yield advantage has been consistent across all trials throughout the Central region across a number of years and has performed well on a wide range of soil types. It has great disease resistance and has shown resistance to the major diseases found in the Central region which makes it a viable option for growers with blocks with poor soils and high Pachymetra.

SRA40 will be available from 2023 to order as tissue culture for a 2024 delivery or contact your local Productivity Service for availability.



VARIETY	RELATIVE TO Q208 [◊]	
	CCS	TSH
Q208 [◊]	0.0	0.0
Q240 [◊]	-0.3	0.2
SRA40	-1.3	0.6

Productivity data presented is from 7 x Plant, 7 x 1R and 7 x 2R harvest results from Central FATs planted in 2014 and 2018.

VARIETY	Diseases					APPEARANCE AT HARVEST		
	Smut	Pachymetra	Red Rot	Leaf Scald	Fiji Leaf Gall	Lodging	Arrowing	Suckering
Q208 [◊]	I-R	I	R	R	I-S	Average	Moderate-heavy	Light
Q240 [◊]	R	I	R	R	I-S	Good	Moderate	Average
SRA40	R	R	R	R	I	Good	Sparse	Light

RESISTANT (R) ■

RESISTANT-INTERMEDIATE (I-R) ■

INTERMEDIATE (I) ■

INTERMEDIATE-SUSCEPTIBLE (I-S) ■

SUSCEPTIBLE (S) ■

AGRONOMIC FEATURES

SRA40 is a fast and reliable germinator which ratoons well when compared to varieties like Q208[◊], it has a large stool with high stalk number, the stalks have average thickness with good length. **SRA40** has sparse arrowing, remains upright even in large crops, and doesn't sucker readily even in sprawling crops. It will continue to grow steadily throughout the autumn and winter months, and we recommend it is harvested mid- to late-season to maximise its TSH, growers should also consider planting on poorer soils or reduce the N applied to maximise CCS.

SRA40 has great disease resistance and has shown to be resistant against smut, Pachymetra, leaf scald, red rot, and is intermediate for Fiji leaf gall. It is important to note that SRA40 will get **brown rust** similar to Q253[◊]; this level of brown rust infection was observed in SRA field trials and at the MAPS farm at Victoria plains.



*A Plant Breeders Rights (PBR) application will be submitted for SRA40 in 2023. SRA40 growers will be subject to the terms of the SRA License Agreement which can be viewed on the Varieties page of the SRA website. This license is currently royalty free.

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For more information on *variety field trials* contact: **Central Variety Officer, Chris Tom, CTom@sugarresearch.com.au, M 0411 589 806**

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