



mackay area productivity services



Variety Information

Disease, Harvest & Management Ratings									
Variety	First Year Supplied from MAPS	Parentage	Pachymetra	Red Rot	Smut	Germination	Sugar		
							Early	Mid	Late
SRA40	2023	QN97-2122 x Q146	Resistant	Resistant	Resistant	Good	Poor	Average	Average
SRA26	2023	CP70-1547 x QA96-1492	Resistant	Resistant	Resistant	Good	Average	Good	Good
SRA22	2020	QS91-7179 x CP72-2086	Resistant	Intermediate	Resistant	Good	Average	Good	Average
SRA21	2019	QC82-668 x Q205	Intermediate	Intermediate	Inter-Res	Good	Average	Good	Average
SRA13	2018	QC88-284 x QC90-289	Resistant	Inter-Res	Intermediate	Good	Average	Average	Poor
SRA12	2018	Q233 x QC90-289	Resistant	Intermediate	Resistant	Slow	Poor	Average	Average
SRA9	2017	QN81-289 x Q166	Resistant	Inter-Res	Inter-Sus	Good	Poor	Average	Good
Q253	2017	QN80-3425 x Q209	Resistant	Intermediate	Resistant	Very Good	Good	Good	Average
Q252	2013	Q208 x Q96	Intermediate	Resistant	Intermediate	Good	Good	Good	Average
Q250	2017	QN79-183 x QN89-1043	Intermediate	Intermediate	Resistant	Good	Good	Good	Average
Q249	2012	QC83-625 x QC90-289	Intermediate	Inter-Res	Resistant	Average	Average	Average	Average
Q247	2013	Q138 x Q155	Resistant	Resistant	Intermediate	Average	Average	Average	Average
Q242	2012	Q170 x Q150	Resistant	Inter-Res	Intermediate	Good	Average	Average	Average
Q240	2012	QN81-289 x SP78-3137	Intermediate	Resistant	Resistant	Good	Good	Good	Average
Q238	2009	Q138 x Q155	Resistant	Inter-Res	Resistant	Good	Average	Good	Good
Q232	2009	QN80-3425 x QS72-732	Intermediate	Inter-Res	Inter-Res	Average	Average	Average	Average
KQ228	2007	QN80-3425 x CP74-2005	Intermediate	Resistant	Intermediate	Good	Good	Good	Poor
Q208R	2016	Q172 x QC90-289	Intermediate	Resistant	Inter-Res	Average	Good	Good	Good
Q208	2005	Q135 x QN61-1232	Intermediate	Resistant	Inter-Res	Average	Good	Good	Good
Q190	2000	Q170 x H56-752	Resistant	Resistant	Resistant	Good	Poor	Average	Average
Q183	2007	Q124 x H56-752	Resistant	Intermediate	Resistant	Good	Average	Good	Good
Q138		QN58-829 x QN66-2008	Resistant	Inter-Sus	Susceptible	Average	Poor	Average	Average
Q135		NC0310 x QN56-7096	Susceptible	Susceptible	Intermediate	Average	Poor	Average	Good
SP80	2015	SP71-1088 x H57-5028	Resistant	Resistant	Inter-Sus	Average	Average	Average	Average

The information in this table is reproduced from the SRA Variety Guide with permission from SRA.

Ratoon Stunting Disease

Please note RSD ratings have not been included. No sugar cane varieties are resistant to RSD. All varieties can become infected and suffer yield loss. Some varieties such as KQ228, Q242 and Q253 are more susceptible to RSD. The following measures will help reduce the risk of introducing RSD to your farm and help contain the spread of RSD:

- Source clean seed from a MAPS approved clean seed plot
- Refresh your source for all varieties every 2-3 years
- Have MAPS staff inspect all cane plant sources you intend to use
- Plant into volunteer-free fallow
- Sterilize planting and harvesting equipment that comes into contact with cane juice

MAPS Field Observations

Based on MAPS Field Observations				
Variety	Release date		General Comments	Soil Preference
SRA40	2023	<ul style="list-style-type: none"> - Susceptible to brown rust - Stool prone to sprawling 	<ul style="list-style-type: none"> - limited commercial data available 	Average
SRA26	2022	<ul style="list-style-type: none"> - Reliable germination - Slow after germination - Compact stool 	<ul style="list-style-type: none"> - Highly susceptible to chlorotic streak - Limited commercial data available - Hairy leaf sheaths 	Good
SRA22	2020	<ul style="list-style-type: none"> - Compact stool size - Good canopy, closes in well - Slow grower - Early to mid-season maturing 	<ul style="list-style-type: none"> - Avoid late harvest - Responds well to irrigation - Heavy trash blanket 	Good
SRA21	2019	<ul style="list-style-type: none"> - Upright cane - Reliable germination (can be slow) - Ratoons reliably 	<ul style="list-style-type: none"> - Can tolerate waterlogged - Prone to suckering 	Average to Good
SRA13	2018	<ul style="list-style-type: none"> - Prone to lodging - Average sugar 	<ul style="list-style-type: none"> - Poor yields in ratoons - Prone to smut 	Good
SRA12	2018	<ul style="list-style-type: none"> - Slow to germinate & ratoon - Compact stool 	<ul style="list-style-type: none"> - Prone to smut 	Good
SRA9	2017	<ul style="list-style-type: none"> - Slow but reliable ratooner, fills in well - Good tonnes sugar / hectare - Wet feet and thick trash cover reduce yields (consider removing trash in low, heavy country) 	<ul style="list-style-type: none"> - Good/heavy soils may produce lower CCS (consider adjusting nitrogen rates) - Heavy crops can challenge harvesting - Crops yields holding up well in later ratoons 	All soils
Q253	2017	<ul style="list-style-type: none"> - Fast, reliable germination - Susceptible to brown rust - More prone to RSD than most varieties 	<ul style="list-style-type: none"> - Good option for poorer soils - Heavy/good soils may produce lower CCS (consider adjusting nitrogen rates) 	Poor
Q252	2013	<ul style="list-style-type: none"> - Good early sugar 	<ul style="list-style-type: none"> - Ratooning concerns, fades in ratoons 	Good
Q250	2017	<ul style="list-style-type: none"> - Very little commercial data 	<ul style="list-style-type: none"> - Heavy to good soil preferred 	Good
Q242	2012	<ul style="list-style-type: none"> - Prone to smut, chlorotic streak and RSD - Prone to suckering 	<ul style="list-style-type: none"> - Superior pachymetra resistant varieties now available 	Average to Good
Q240	2012	<ul style="list-style-type: none"> - Good germination - Early sugar, deteriorates late with suckering 	<ul style="list-style-type: none"> - Handles some waterlogging - May tolerate soldier better than other varieties 	All soils
KQ228	2007	<ul style="list-style-type: none"> - Early sugar, deteriorates late with suckering - Fast germination - More prone to RSD than other varieties 	<ul style="list-style-type: none"> - More prone to RSD than other varieties - Can tolerate heavy soil 	Good
Q208R	2016	<ul style="list-style-type: none"> - Reliable allrounder, good ratoonability 	<ul style="list-style-type: none"> - Slow in dry conditions & if plant material is mature 	All soils
Q208	2005	<ul style="list-style-type: none"> - Handles wet feet 	<ul style="list-style-type: none"> - Good CCS (CCS for Q208R was higher than Q208 in 2021) 	
Q183	2007	<ul style="list-style-type: none"> - Fast germination and ratooning 	<ul style="list-style-type: none"> - Susceptible to Chlorotic Streak 	All soils
SP80	2015	<ul style="list-style-type: none"> - Brittle in windy conditions - Variable sugar 	<ul style="list-style-type: none"> - Resilient in poor harvest conditions 	All soils

The information in this table is from observations made by MAPS staff. It should be used as a guide only as varying conditions can impact variety performance.