Tully Variety Management Group

LOCAL VARIETY GUIDE 2022

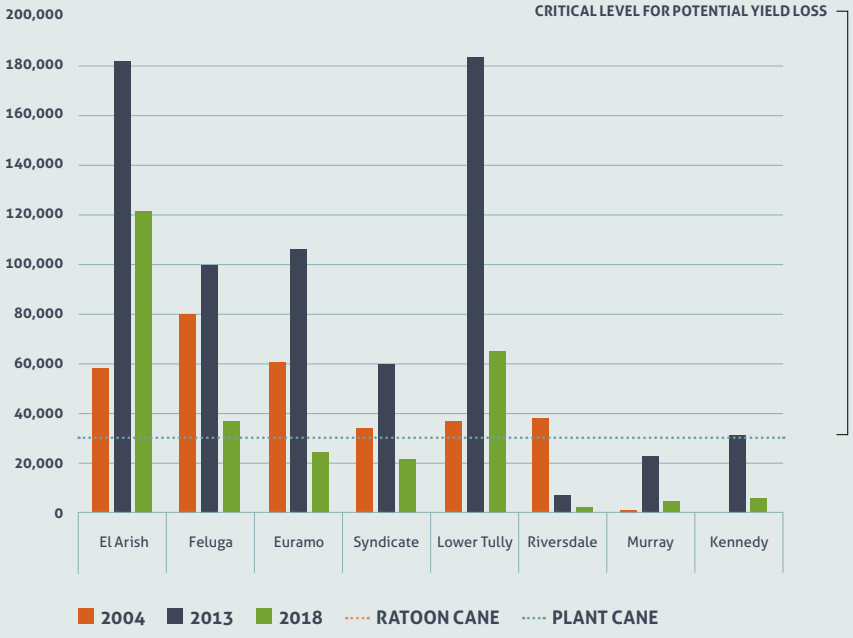
Tully Region (RELEASED 2013–2021)

TULLY VARIETIES 2022

Q183Φ, Q186Φ, Q200Φ, Q208Φ, Q219Φ, KQ228Φ, Q230Φ, Q231Φ, Q232Φ, Q237Φ, Q238Φ, Q240Φ (released 2014), Q242Φ (released 2014), Q247Φ (released 2013), Q250Φ (released 2012), Q251Φ (released 2012), Q252Φ (released 2014), Q253Φ (released 2014), SRA3Φ (released 2016), SRA6Φ(released 2016), SRA7Φ (released 2016), SRA10Φ (released 2017), SRA15Φ (released 2018), SRA16Φ (released 2018), SRA25Φ (released 2019), SRA26Φ (released 2019), SRA28Φ (released 2020), SRA 9 (release 2022-23), SRA 5 (limited release 2022), SRA 32 (release 2022), SRA 14 (limited releases 2022).

PACHYMETRA ROOT ROT AWARENESS

- Pachymetra is a soil fungal disease which is a major issue for the Tully sugar industry. It was discovered in the 1980s, and several district-wide soil surveys have been conducted to assist in its management through variety choice.
- 2018 has shown a decrease in the disease levels since the last TSL survey was conducted in 2013. However, Pachymetra is still a major issue for the Tully sugar industry.
- Growers are urged to soil test prior to planting.
- Some newer varieties are resistant to the disease.



RESISTANT	INTERMEDIATE	INTERMEDIATE-SUSCEPTIBLE
Q183Φ, Q219Φ, Q230Φ, Q231Φ, Q238Φ, Q242Φ, Q247Φ, Q251Φ, Q253Φ, SRA6Φ, SRA16Φ, SRA26Φ, SRA28Φ	Q200Φ, Q208Φ, KQ228Φ, Q232Φ, 240Φ, Q250Φ, Q252Φ, SRA7Φ, SRA10Φ, SRA15Φ	Q237Φ, SRA3Φ

SOIL TYPES

POOR SOILS (P)
Soil formed on beach ridges: Brosnan, Gogarra, Kurrimine, Maria, Needep, Spanos
AVERAGE TO POOR SOILS (AP)
Poorly drained alluvial soils: Banyan, Bulgun, Coom, Derra, Hewitt, Jarra, Ramleh, Timara, Warrami
Granitic gravel soils: Hillview, Lugger, Malbon, Thorpe, Tyson, Utchee
Soil formed from Metamorphic rock: Feluga, Galmara, Mission
Organic soils and peats: Bulguru
AVERAGE TO GOOD SOILS (AG)
Well drained alluvial soils: Canoe, Dayman, Innisfail, Liverpool, Midgenoo, Mossman, Silkwood, Tully, Virgil
GOOD SOILS (G)
Formerly used to grow bananas: Liverpool, Tully

RECOMMENDATIONS FOR NEW VARIETIES BY SUB-DISTRICT (2013–2021)

EL ARISH		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
		Q251Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA14Φ (AG, G)	SRA14Φ (AG, G)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)
		SRA5Φ (P, AP)

FELUGA		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
		Q251Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA14Φ (AG, G)	SRA14Φ (AG,G)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

EURAMO		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q242Φ (AG, AP)	
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q251Φ (AP, AG, G)	Q251Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA3Φ (P, AP)	SRA3Φ (P, AP)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA14Φ (AG, G)	SRA14Φ (AG, G)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

WARRAMI		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q247Φ (AG, G, AP)	Q247Φ (AG, G, AP)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28⁻ (AP, AG)

LOWER TULLY		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
		Q251Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA3Φ (P, AP)	SRA3Φ (P, AP)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)
		SRA5Φ (P, AP)

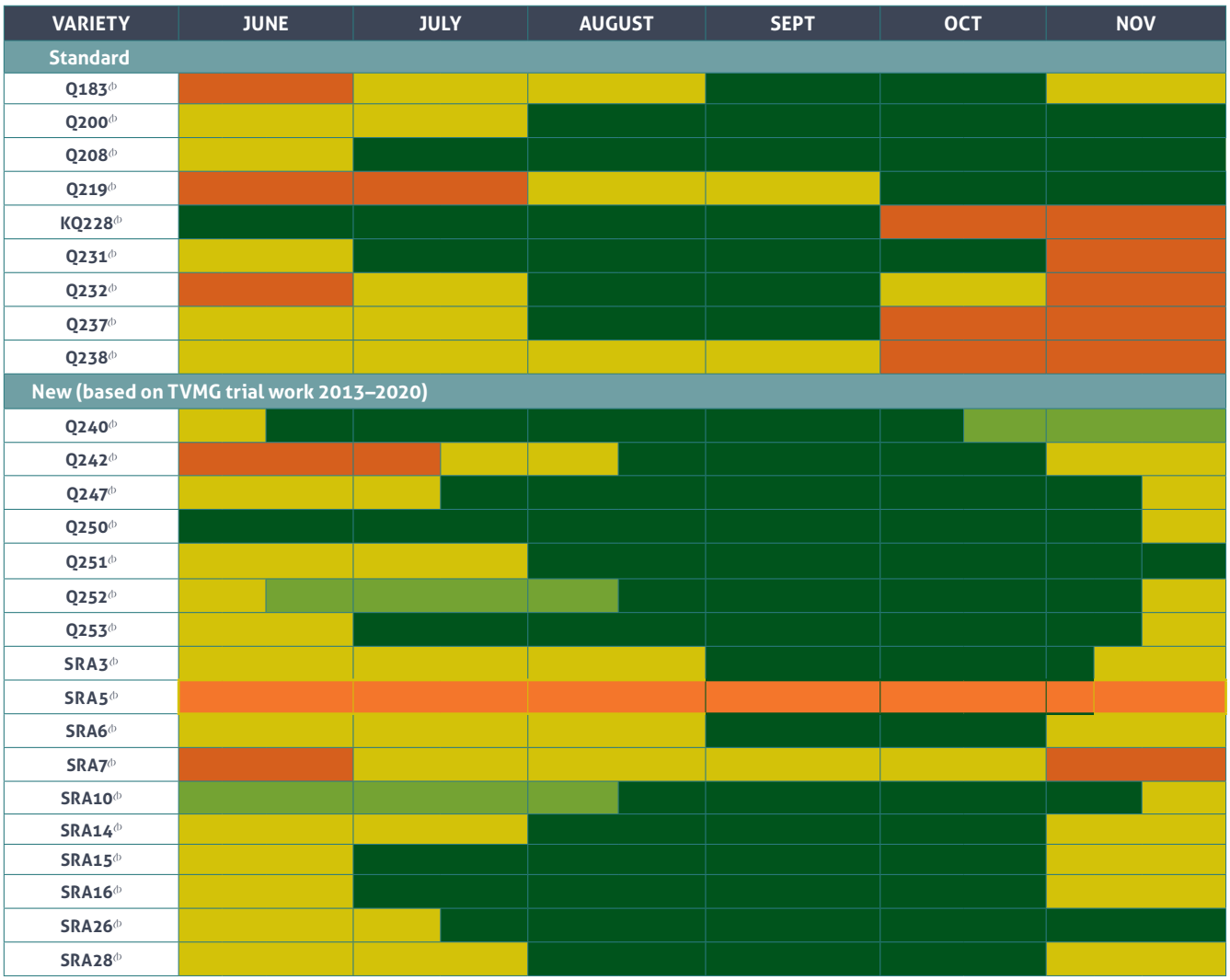
SYNDICATE		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q242Φ (AG, AP)	
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA3Φ (P, AP)	SRA3Φ (P, AP)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

MURRAY		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q242Φ (AG, AP)	Q242Φ (AG, AP)
	Q247Φ (AG, G, AP)	Q247Φ (AG, G, AP)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA14Φ (AG, G)	SRA14Φ (AG, G)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

KENNEDY		
Early	**Mid**	**Late**
240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

RIVERSDALE		
Early	**Mid**	**Late**
Q240Φ (AG, G)	Q240Φ (AG, G)	Q240Φ (AG, G)
	Q242Φ (AG, G)	
	Q247Φ (AP, AG, G)	Q247Φ (AP, AG, G)
Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)	Q250Φ (AP, AG, G)
	Q251Φ (AP, AG, G)	Q251Φ (AP, AG, G)
	Q252Φ (AP, AG, G)	Q252Φ (AP, AG, G)
Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)	Q253Φ (P, AP, AG)
	SRA3Φ (P, AP)	SRA3Φ (P, AP)
	SRA6Φ (AP, AG)	SRA6Φ (AP, AG)
	SRA7Φ (AP, AG)	
	SRA10Φ (AP, AG)	SRA10Φ (AP, AG)
	SRA14Φ (AG, G)	SRA14Φ (AG, G)
	SRA15Φ (AP, AG)	SRA15Φ (AP, AG)
	SRA16Φ (AP, AG)	SRA16Φ (AP, AG)
	SRA26Φ (AP, AG)	SRA26Φ (AP, AG)
	SRA28Φ (AP, AG)	SRA28Φ (AP, AG)

CCS CURVE TRENDS 2012–2021



Speed of germination (2019–2020)

VARIETY	GERMINATION 10–30 DAP	RELIABILITY
Q200Φ (Standard)	Average	Reliable
Q240Φ	Average	Reliable
Q242Φ	Average	Reliable
Q245Φ	Average	Reliable
Q247Φ	Average	Reliable
Q249Φ	Average	Reliable
Q252Φ	Fast	Reliable
Q253Φ	Average	Reliable
SRA3Φ	Fast	Reliable
SRA6Φ	Fast	Reliable
SRA7Φ	Slow	Reliable
SRA10Φ	Fast	Reliable
SRA15Φ	Average	Reliable
SRA16Φ	Fast	Reliable
SRA26Φ	Average	Reliable
SRA28Φ	Slow to Average	Reliable

Extra notes from field observations 2012–2021

Q240Φ
Cold Chlorosis in winter time is common.
It doesn't grow well in dry soil. Likely to sucker later in season.
Crop ripeners help reduce suckering.

Q250Φ and SRA28Φ
Recommend young seed cane.
<11 months for best plant cane results.

Q250Φ, Q252Φ and SRA10Φ
Plant away from creeks and drains if possible – rats.

Q252Φ
Can be a slow ratooner in lighter soils, and despite early CCS, recommend to harvest from mid August to promote better ratooning. There is some evidence to suggest lifting base-cutters 1–2cm can assist ratooning if harvested June–July.

SRA3Φ (and Q237Φ)
Always Pachymetra test before planting.

SRA10Φ
Tends to have soft eyes so be careful with seed cane when planting.
Slow ratooner if harvested early.
Recommend harvest mid August for better ratooning.
There is some evidence to suggest lifting base-cutters 1–2cm can assist ratooning if harvested June–July.