



Tully Variety Management Group



LOCAL VARIETY GUIDE 2021

Tully Region (RELEASED 2012–2020)

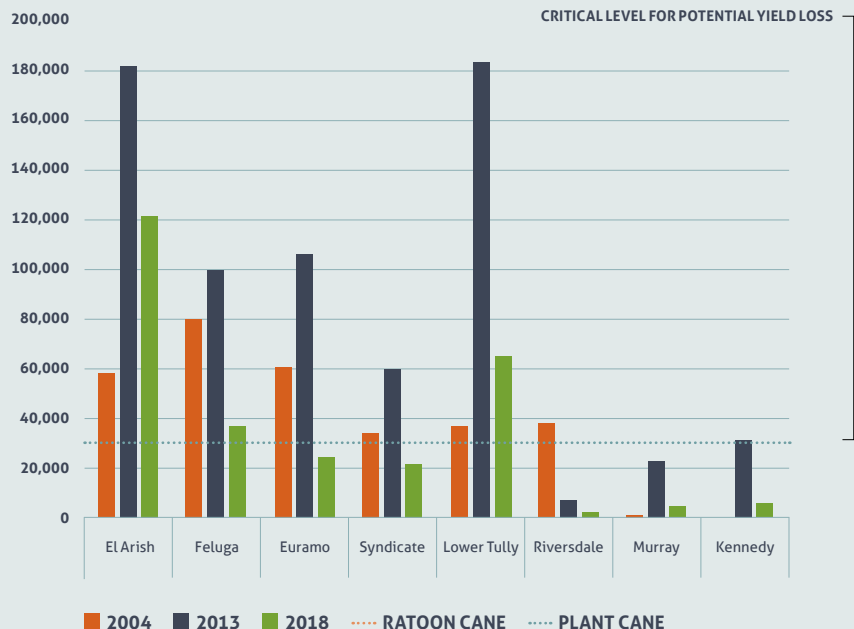
TULLY VARIETIES 2021

Q183^ϕ, Q186^ϕ, Q200^ϕ, Q208^ϕ, Q219^ϕ, KQ228^ϕ, Q230^ϕ, Q231^ϕ, Q232^ϕ, Q237^ϕ, Q238^ϕ, Q240^ϕ (released 2014), Q242^ϕ (released 2014), Q247^ϕ (released 2013), Q250^ϕ (released 2012), Q251^ϕ (released 2012), Q252^ϕ (released 2014), Q253^ϕ (released 2014), SRA3^ϕ (released 2016), SRA6^ϕ (released 2016), SRA7^ϕ (released 2016), SRA10^ϕ (released 2017), SRA15^ϕ (released 2018), SRA16^ϕ (released 2018), SRA25^ϕ (released 2019), SRA26^ϕ (released 2019), SRA28^ϕ (released 2020).



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
Q183 ^ϕ , Q219 ^ϕ , Q230 ^ϕ , Q231 ^ϕ , Q238 ^ϕ , Q242 ^ϕ , Q247 ^ϕ , Q251 ^ϕ , Q253 ^ϕ , SRA6 ^ϕ , SRA16 ^ϕ , SRA26 ^ϕ , SRA28 ^ϕ	Q200 ^ϕ , Q208 ^ϕ , KQ228 ^ϕ , Q232 ^ϕ , 240 ^ϕ , Q250 ^ϕ , Q252 ^ϕ , SRA7 ^ϕ , SRA10 ^ϕ , SRA15 ^ϕ	Q237 ^ϕ , SRA3 ^ϕ

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 (2013–2020)

EL ARISH		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
		Q251 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

FELUGA		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
		Q251 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

EURAMO		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q242 th (AG, AP)	
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q251 th (AP, AG, G)	Q251 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA3 th (P, AP)	SRA3 th (P, AP)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

WARRAMI		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q247 th (AG, G, AP)	Q247 th (AG, G, AP)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

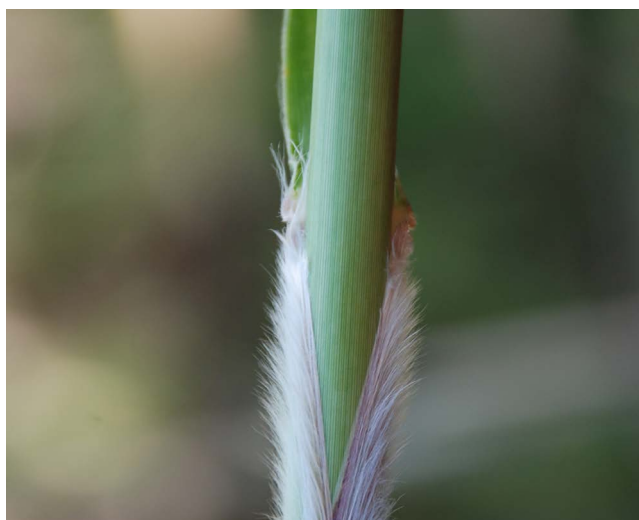
LOWER TULLY		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
		Q251 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA3 th (P, AP)	SRA3 th (P, AP)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

KENNEDY		
Early	Mid	Late
240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	SRA6 th (AP, AG)
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

SYNDICATE		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q242 th (AG, AP)	
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA3 th (P, AP)	SRA3 th (P, AP)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

RIVERSDALE		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q242 th (AG, G)	
	Q247 th (AP, AG, G)	Q247 th (AP, AG, G)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q251 th (AP, AG, G)	Q251 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA3 th (P, AP)	SRA3 th (P, AP)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)

MURRAY		
Early	Mid	Late
Q240 th (AG, G)	Q240 th (AG, G)	Q240 th (AG, G)
	Q242 th (AG, AP)	Q242 th (AG, AP)
	Q247 th (AG, G, AP)	Q247 th (AG, G, AP)
Q250 th (AP, AG, G)	Q250 th (AP, AG, G)	Q250 th (AP, AG, G)
	Q252 th (AP, AG, G)	Q252 th (AP, AG, G)
Q253 th (P, AP, AG)	Q253 th (P, AP, AG)	Q253 th (P, AP, AG)
	SRA6 th (AP, AG)	SRA6 th (AP, AG)
	SRA7 th (AP, AG)	
	SRA10 th (AP, AG)	SRA10 th (AP, AG)
	SRA15 th (AP, AG)	SRA15 th (AP, AG)
	SRA16 th (AP, AG)	SRA16 th (AP, AG)
	SRA26 th (AP, AG)	SRA26 th (AP, AG)



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CCS CURVE TRENDS 2013–2020



Tully Variety Management Group



VARIETY	JUNE	JULY	AUGUST	SEPT	OCT	NOV
Standard						
Q183 [Ⓞ]	Orange	Yellow	Yellow	Green	Green	Yellow
Q200 [Ⓞ]	Yellow	Yellow	Green	Green	Green	Green
Q208 [Ⓞ]	Yellow	Green	Green	Green	Green	Green
Q219 [Ⓞ]	Orange	Orange	Yellow	Yellow	Green	Green
KQ228 [Ⓞ]	Green	Green	Green	Green	Orange	Orange
Q231 [Ⓞ]	Yellow	Green	Green	Green	Green	Orange
Q232 [Ⓞ]	Orange	Yellow	Green	Green	Yellow	Orange
Q237 [Ⓞ]	Yellow	Green	Green	Green	Orange	Orange
Q238 [Ⓞ]	Yellow	Yellow	Yellow	Yellow	Orange	Orange
New (based on TVMG trial work 2013–2020)						
Q240 [Ⓞ]	Yellow	Green	Green	Green	Green	Green
Q242 [Ⓞ]	Orange	Orange	Yellow	Green	Green	Yellow
Q247 [Ⓞ]	Yellow	Yellow	Green	Green	Green	Yellow
Q250 [Ⓞ]	Green	Green	Green	Green	Green	Green
Q251 [Ⓞ]	Yellow	Yellow	Green	Green	Green	Green
Q252 [Ⓞ]	Yellow	Light Green	Light Green	Green	Green	Yellow
Q253 [Ⓞ]	Yellow	Green	Green	Green	Green	Green
SRA3 [Ⓞ]	Yellow	Yellow	Yellow	Green	Green	Yellow
SRA6 [Ⓞ]	Yellow	Yellow	Yellow	Green	Green	Yellow
SRA7 [Ⓞ]	Orange	Yellow	Yellow	Yellow	Yellow	Orange
SRA10 [Ⓞ]	Light Green	Light Green	Light Green	Green	Green	Yellow
SRA15 [Ⓞ]	Yellow	Green	Green	Green	Green	Yellow
SRA16 [Ⓞ]	Yellow	Green	Green	Green	Green	Yellow
SRA26 [Ⓞ]	Yellow	Yellow	Green	Green	Green	Green

■ POTENTIAL ABOVE MILL AVERAGE
 ■ POTENTIALLY ABOVE MILL AVERAGE BUT NOT RECOMMENDED TO HARVEST
 ■ POTENTIAL MILL AVERAGE
 ■ POTENTIAL BELOW MILL AVERAGE

Speed of germination (2019–2020)

VARIETY	GERMINATION 10–30 DAP	RELIABILITY
Q200 [Ⓞ] (Standard)	Average	Reliable
Q240 [Ⓞ]	Average	Reliable
Q242 [Ⓞ]	Average	Reliable
Q245 [Ⓞ]	Average	Reliable
Q247 [Ⓞ]	Average	Reliable
Q249 [Ⓞ]	Average	Reliable
Q252 [Ⓞ]	Fast	Reliable
Q253 [Ⓞ]	Average	Reliable
SRA3 [Ⓞ]	Fast	Reliable
SRA6 [Ⓞ]	Fast	Reliable
SRA7 [Ⓞ]	Slow	Reliable
SRA10 [Ⓞ]	Fast	Reliable
SRA15 [Ⓞ]	Average	Reliable
SRA16 [Ⓞ]	Fast	Reliable
SRA26 [Ⓞ]	Average	Reliable

Extra notes from field observations 2013–2020

Q240[Ⓞ]

Cold Chlorosis in winter time is common. It doesn't grow well in dry soil. Likely to sucker later in season.

Q250[Ⓞ]

Recommend young seed cane. <12 months for best plant cane results.

Q250[Ⓞ], Q252[Ⓞ] and SRA10[Ⓞ]

Plant away from creeks and drains if possible – rats.

Q252[Ⓞ]

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.

SRA3[Ⓞ] (and Q237[Ⓞ])

Always Pachymetra test before planting.

SRA10[Ⓞ]

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.