Pioneer® brand Maize Silage hybrid performance information

PIONEER® BRAND

P9978

Silage CRM 99

Very productive. Very stable. Very defensive.

P9978 delivers a great all-round package with superior foliar health and silage eye-appeal.

- Tall plant with low ear placement, strong roots and stalks, superior drought tolerance and staygreen.
- Provides comparable silage yields to **P9911**, however, **P9978** is slightly quicker to harvest, has better standability, Northern Leaf Blight and Rust resistances.
- Delivers silage with higher energy and digestibility ratings than **P9911**.
- To optimise yield performance established plant populations should be adjusted to match paddock yield expectation.

Widely adapted to all North Island growing regions where this maturity is required.

Recommended growing regions

Recommended established plant populations (000's/ha)

Challenging yield environments	Medium yield environments	High yield environments
95	110	120

Plant traits

Drought tolerance	7
Stalk strength	6
Root strength	7
Early growth	7
Plant height	7
Staygreen	7

Silage quality traits

Whole plant digestibility	9
Starch and sugar	9

Hybrid disease ratings

Northern Leaf Blight	7
Common Rust	7

Maize Silage Performance Comparisons for P9978

Yield advantage to the first named hybrid

Pioneer hybrid	Comparison hybrid	Number of trials	Drymatter difference (%)[1]	Yield advantage (kgDM/ha)	Statistical significance
National					
P9978	PAC200 (Afinity)	**29**	**-1.15**	**2,242**	★★★
P9978	PAC295 (N39-Q1)	**42**	**-1.04**	**1,798**	★★★
P9978	P0362	**58**	**2.79**	**0**	**NS**
P9978	P9400	**59**	**-2.34**	**2,138**	★★★
P9978	P9721	**46**	**-0.52**	**1,858**	★★★
P9978	P9911	**79**	**1.56**	**511**	★
P9978	PAC249	**36**	**-0.47**	**2,211**	★★★
P9978	PAC314	**31**	**1.70**	**1,920**	★★★
Northland					
P9978	P9911	**10**	**2.52**	**1,231**	★
Waikato					
P9978	PAC200 (Afinity)	**17**	**-1.07**	**1,911**	★
P9978	PAC295 (N39-Q1)	**23**	**-0.31**	**2,047**	★★
P9978	P9400	**31**	**-1.74**	**2,016**	★★★
P9978	P9721	**25**	**-0.23**	**1,106**	★
P9978	P9911	**37**	**1.48**	**157**	**NS**
P9978	PAC249	**15**	**-1.24**	**2,371**	★★★
P9978	PAC314	**17**	**2.19**	**1,085**	★
lower North Island and Taranaki					
P9978	PAC200 (Afinity)	**12**	**-1.27**	**2,711**	★★
P9978	PAC295 (N39-Q1)	**19**	**-1.92**	**1,496**	★
P9978	P0021	**12**	**-0.24**	**1,867**	★
P9978	P9721	**21**	**-0.86**	**2,752**	★★★
P9978	P9911	**32**	**1.36**	**694**	**NS**
P9978	PAC249	**18**	**-0.45**	**2,203**	★★
P9978	PAC314	**13**	**0.96**	**3,038**	★★★

Yield significance key

NS	No significant yield difference
CA	Commercially acceptable
★	Significant yield advantage
★★	Highly significant yield advantage
★★★	Very highly significant yield advantage

[1] Positive drymatter differences indicate that the bolded Pioneer hybrid had a higher average drymatter percentage at harvest. Such hybrids are usually shorter in maturity than the comparison hybrid. Negative drymatter differences indicate that the bolded Pioneer hybrid had a lower average drymatter content at harvest. Such hybrids are usually longer in maturity than the comparison hybrid. Positive yield advantages indicate that the bolded hybrid was higher yielding. **Includes all data to the end of the 2022 harvest.**

Source: Pioneer® brand products New Zealand Research Programme.

For further information contact:

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Or visit www.pioneer.nz
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