Pioneer® brand Maize Silage hybrid performance information

PIONEER® BRAND

P9978

Silage CRM 99

Very defensive. Very stable. Very productive.

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 much higher energy and digestibility than **P9911**.
- When planting early into cold wet soils consider planting **P9650** or **P9911**.

Widely adapted in 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	6
Early growth	6
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	P0362	**54**	**2.72**	**-77**	**NS**
P9978	P9650	**22**	**-2.91**	**1,169**	**★★**
P9978	P9721	**42**	**-0.54**	**1,622**	**★★★**
P9978	P9911	**93**	**1.07**	**516**	**★**
P9978	PAC249	**49**	**-1.24**	**2,954**	**★★★**
P9978	PAC314	**44**	**1.50**	**1,579**	**★★★**
P9978	PAC344	**22**	**3.84**	**987**	**★**
Northland					
P9978	P9911	**10**	**2.52**	**1,233**	**★**
Waikato					
P9978	P0362	**26**	**2.91**	**-470**	**NS**
P9978	P9650	**11**	**-2.26**	**525**	**NS**
P9978	P9911	**43**	**0.77**	**457**	**CA**
P9978	PAC249	**22**	**-2.43**	**3,495**	**★★★**
P9978	PAC314	**23**	**1.81**	**874**	**★**
lower North Island and Taranaki					
P9978	P9650	**11**	**-3.55**	**1,813**	**★**
P9978	P9721	**21**	**-0.86**	**2,751**	**★★★**
P9978	P9911	**40**	**1.03**	**400**	**NS**
P9978	PAC249	**24**	**-0.72**	**2,645**	**★★★**
P9978	PAC314	**20**	**1.07**	**2,389**	**★★★**

Yield significance

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

Source: Pioneer® brand products New Zealand Research Programme. **Includes all data to the end of the 2023 harvest.**

For further information contact:

Your Area Manager
Or visit www.pioneer.nz
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