



## Pioneer® brand Maize Silage hybrid performance information

### Silage CRM 112

Enjoy the agronomics of this top yielding hybrid.

**P1636** is a tall full maturity hybrid with top-end yield potential in this maturity.

- Long cob to produce high grain content silage.
- Combines impressive agronomics, drought tolerance and staygreen that together provide a wide harvest window.
- Plant early to maximise yields.
- In high-risk Northern Leaf Blight situations consider **P1315** or **P1837**.

**P1636** is well adapted to all warmer northern growing regions.

#### Recommended growing regions



#### Recommended established plant populations (000's/ha)

Challenging  
yield  
environments

**95**

Medium  
yield  
environments

**105**

High  
yield  
environments

**110**



#### Plant traits

Drought tolerance	<div><div></div></div>	7
Stalk strength	<div><div></div></div>	6
Root strength	<div><div></div></div>	8
Early growth	<div><div></div></div>	7
Plant height	<div><div></div></div>	8
Staygreen	<div><div></div></div>	7

#### Silage quality traits

Whole plant digestibility	<div><div></div></div>	6
Starch and sugar	<div><div></div></div>	6

#### Hybrid disease ratings

Northern Leaf Blight	<div><div></div></div>	5
Common Rust	<div><div></div></div>	6

## Maize Silage Performance Comparisons for P1636

Yield advantage to the first named hybrid

Pioneer hybrid	Comparison hybrid	Number of trials	Drymatter difference (%) <sup>1</sup>	Yield advantage (kgDM/ha)	Statistical significance
<b>National</b>					
<b>P1636</b>	P0900	<b>28</b>	<b>-2.34</b>	<b>1,052</b>	<b>CA</b>
<b>P1636</b>	P0937	<b>44</b>	<b>-0.89</b>	<b>1,410</b>	<b>★★</b>
<b>P1636</b>	P1315	<b>81</b>	<b>-1.82</b>	<b>200</b>	<b>NS</b>
<b>P1636</b>	P1477W	<b>140</b>	<b>1.09</b>	<b>-535</b>	<b>★</b>
<b>P1636</b>	P1837	<b>37</b>	<b>1.57</b>	<b>377</b>	<b>NS</b>
<b>P1636</b>	PAC500 (Z71-F1)	<b>92</b>	<b>-0.04</b>	<b>1,551</b>	<b>★★★</b>
<b>P1636</b>	PAC624	<b>73</b>	<b>3.24</b>	<b>1,357</b>	<b>★★</b>
<b>Northland and South Auckland</b>					
<b>P1636</b>	P1315	<b>18</b>	<b>-1.92</b>	<b>-179</b>	<b>NS</b>
<b>P1636</b>	P1837	<b>6</b>	<b>0.26</b>	<b>-115</b>	<b>NS</b>
<b>Waikato</b>					
<b>P1636</b>	Goliath	<b>8</b>	<b>-2.26</b>	<b>4,186</b>	<b>★</b>
<b>P1636</b>	P0900	<b>26</b>	<b>-2.39</b>	<b>1,250</b>	<b>★</b>
<b>P1636</b>	P0937	<b>35</b>	<b>-1.22</b>	<b>1,251</b>	<b>★</b>
<b>P1636</b>	P1315	<b>38</b>	<b>-1.77</b>	<b>171</b>	<b>NS</b>
<b>P1636</b>	P1477W	<b>66</b>	<b>1.76</b>	<b>-188</b>	<b>NS</b>
<b>P1636</b>	P1837	<b>21</b>	<b>2.33</b>	<b>484</b>	<b>NS</b>
<b>P1636</b>	PAC430	<b>14</b>	<b>-0.68</b>	<b>2,338</b>	<b>★</b>
<b>P1636</b>	PAC500 (Z71-F1)	<b>68</b>	<b>0.32</b>	<b>1,818</b>	<b>★★★</b>
<b>P1636</b>	PAC564	<b>20</b>	<b>1.13</b>	<b>1,791</b>	<b>★★</b>
<b>P1636</b>	PAC624	<b>53</b>	<b>3.76</b>	<b>1,452</b>	<b>★</b>
<b>Bay of Plenty, Gisborne and Hawke's Bay</b>					
<b>P1636</b>	P1315	<b>25</b>	<b>-2.31</b>	<b>519</b>	<b>NS</b>
<b>P1636</b>	P1477W	<b>39</b>	<b>-1.92</b>	<b>-725</b>	<b>NS</b>
<b>P1636</b>	P1837	<b>10</b>	<b>0.91</b>	<b>446</b>	<b>NS</b>

### Yield significance key

**NS** No significant yield difference  
**CA** Commercially acceptable  
**★** Significant yield advantage

**★★** Highly significant yield advantage  
**★★★** Very highly significant yield advantage

<sup>1</sup> 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](http://www.pioneer.nz)  
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