

Pioneer® brand Maize for Silage hybrid trait characteristics for 2017-2018

		39V43	P7524	39G12	NEW P8000	39T45	P8805	38V12	NEW P9241	P9400	38P05	37Y12	P9721	P9911	P0021	35A30	NEW P0640	P0791	P0725	P0891	P1253	P1636	NEW P1758	31G66
Yield	Silage CRM ¹	70	75	78	80	84	88	91	92	94	94	95	97	99	100	105	106	106	107	107	109	112	114	116
	Grain yield for maturity ²	9	9	7	9	7	9	9	9	9	6	7	9	8	9	7	9	9	9	9	9	9	9	9
	Silage yield for maturity ²	9	9	7	9	7	9	9	9	9	6	6	7	9	7	6	9	9	9	9	9	9	9	9
	Adaptability to high population ³	8	9	6	7	8	9	9	7	7	6	8	8	7	8	8	8	6	7	9	8	8	7	6
	Adaptability to low population ⁴ (ear flex)	5	8	7	7	6	7	6	8	9	7	6	8	9	7	7	8	9	7	6	6	7	6	9
Plant traits	Drought tolerance	5	7	7	6	6	8	7	9	7	7	6	8	9	7	7	7	9	9	8	7	7	7	8
	Stalk strength	7	7	6	6	6	6	6	6	7	5	5	6	5	6	5	6	6	6	8	6	6	7	7
	Root strength	6	7	4	6	7	5	8	6	7	5	6	5	5	7	5	6	5	6	6	5	8	7	5
	Early growth ⁵	8	8	8	7	6	6	7	7	7	5	6	6	6	7	6	7	6	7	6	6	6	6	6
	Plant height ⁶	5	8	8	8	5	5	7	7	8	5	6	7	8	6	8	8	7	7	7	6	8	6	8
	Staygreen ⁷	6	7	5	7	5	7	7	8	6	6	5	7	9	7	7	8	9	8	7	8	7	9	8
Silage quality traits	Whole plant digestibility ⁸	8	9	7	7	7	9	6	7	7	7	8	9	8	8	8	8	7	8	7	8	9	8	7
	Fibre digestibility ⁹	6	5	6	-	7	6	6	8	7	7	7	7	9	8	8	7	8	6	7	7	8	8	8
	Silage crude protein ¹⁰	9	8	7	-	6	6	7	7	8	7	8	8	8	7	8	7	8	6	7	7	9	8	6
	Starch and sugar ¹¹	8	9	7	8	7	9	8	8	9	7	9	9	8	8	6	9	9	9	9	9	7	8	6
Disease ratings ¹³	Northern Leaf Blight ¹²	3	4	4	6	6	6	6	6	7	6	6	6	5	7	6	7	5	5	7	5	5	6	5
	Common Rust	-	-	6	-	4	7	6	-	6	5	5	7	5	6	6	7	7	7	6	6	6	-	5
	Eyespot ¹²	-	-	-	-	-	-	-	-	-	5	6	-	6	5	6	6	-	7	6	5	-	-	-

Plant Populations Recommended established plant populations (000s/ha)^{14,15,16,17}

Challenging yield environments	NR	110	108	108	108	108	104	100	100	104	104	104	100	100	100	95	100	95	95	95	95	95	95	NR
Medium yield environments	120	115	115	115	115	115	108	108	108	108	108	108	108	108	108	104	105	104	104	105	105	105	105	90
High yield environments	130	120	120	120	120	120	115	115	115	115	115	115	115	115	115	108	110	108	108	110	110	110	110	100

Ratings 9 = Outstanding 1 = Poor - = Insufficient data available

NEW = New hybrid NR = Not recommended

For footnotes please refer to page 35