

# 2025 CORN GUIDE FOR THE MARITIME PROVINCES

## MARITIME GRAIN CORN HYBRID PERFORMANCE LIST

HYBRID IDENTITY	CHU RATING	SPECIAL TRAITS	TOTAL SITE YEARS	3-YEARS				2-YEARS				2024			
				Yield @ 15.5% Moisture (t/ha)	Grain Moisture Content (%)	Test Weight (kg/hL)	Stalk Breakage (%)	Yield @ 15.5% Moisture (t/ha)	Grain Moisture Content (%)	Test Weight (kg/hL)	Stalk Breakage (%)	Yield @ 15.5% Moisture (t/ha)	Grain Moisture Content (%)	Test Weight (kg/hL)	Stalk Breakage (%)
DKC24-06 (BAYER C.S.-DEKALB)	2100	VT2P	9					10.31	22.33	70.91	3.6	10.20	20.40	72.31	7.0
DLF 2158VT2P RIB (DLF PICKSEED)	2175	GENVT2P	9					11.45	21.39	69.33	2.1	11.72	18.82	71.25	4.2
MZ 1544DBR (MAIZEX)	2250	VT2P	19	11.01	21.89	66.90	6.2	10.72	23.39	66.39	3.3	11.27	20.88	68.77	5.0
A4646G2 RIB (PRIDE)	2300	VT2P	39	10.68	21.60	68.31	7.3	10.81	23.36	68.21	2.1	11.78	21.05	69.75	1.6
MZ 1688DBR (MAIZEX)	2300	VT2P	34	11.35	22.26	68.84	6.3	11.46	24.59	68.43	3.6	12.14	22.92	70.38	7.0
DLF 2334VT2P RIB (DLF PICKSEED)	2400	GENVT2P	9					11.60	26.28	70.62	3.0	11.21	24.68	72.07	5.8
DLF2562VT2P RIB (DLF PICKSEED)	2475	GENVT2P	29	11.08	25.72	66.27	6.4	11.06	27.72	65.90	2.5	10.63	25.70	67.95	4.9
MZ 2266DBR (MAIZEX)	2450	VT2P	14	11.20	23.04	69.01	4.5	11.50	25.13	68.77	0.6	12.04	22.50	70.26	0.7
<b>GRAND MEAN</b>				<b>10.53</b>	<b>22.89</b>	<b>68.19</b>	<b>6.5</b>	<b>10.33</b>	<b>23.76</b>	<b>68.84</b>	<b>3.5</b>	<b>10.88</b>	<b>21.49</b>	<b>70.75</b>	<b>5.1</b>

Special Traits:

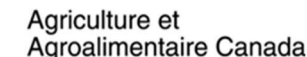
AM= AcreMax insect protection

VT2P/GENVT2P = VT DoublePro insect protection

DUR = Agrisure Duracade insect protection

## MARITIME SILAGE CORN HYBRID PERFORMANCE LIST

HYBRID IDENTITY	CHU RATING	SPECIAL TRAITS	TOTAL SITE YEARS	3-YEARS			2-YEARS			2024		
				Dry Matter Plant Yield (t/ha)	Plant Dry Matter (%)	Stalk Breakage (%)	Dry Matter Plant Yield (t/ha)	Plant Dry Matter (%)	Stalk Breakage (%)	Dry Matter Plant Yield (t/ha)	Plant Dry Matter (%)	Stalk Breakage (%)
AS1018G2 EDF (PRIDE)	2200	VT2P	10				18.18	38.79	0.7	19.82	38.06	0.4
AS1028G2 EDF (PRIDE)	2375	VT2P	10				18.90	35.72	8.1	19.40	36.38	0.5
P8294AM (CORTEVA-PIONEER)	2400	AM	20	16.83	36.80	10.2	17.17	34.99	2.1	17.72	36.22	0.2
DLF 2334VT2P RIB (DLF PICKSEED)	2400	VT2P	10				18.44	34.83	0.7	18.60	35.06	0.5
MZ 2452DUR (MAIZEX)	2550	DUR	20	18.71	35.59	3.8	18.94	33.89	0.3	19.85	34.90	0.2
<b>TRIAL MEAN</b>				<b>17.10</b>	<b>37.30</b>	<b>7.1</b>	<b>17.40</b>	<b>35.72</b>	<b>2.79</b>	<b>18.47</b>	<b>36.19</b>	<b>0.39</b>



Corn testing sites in 2024 were conducted by Charlottetown Research and Development Centre, Agriculture & Agri Food Canada, Perennia Food and Agriculture Corp., and New Brunswick Department of Agriculture, Aquaculture and Fisheries. The 2024 Maritime Corn Hybrid Performance Lists and Report have been prepared by Perennia on behalf of the Maritime Corn Performance Committee and are posted at <https://atlanticgrainscouncil.ca/variety-cultivars/>. Funding for the Maritime variety trials (corn, soybeans, cereals, forages) is provided through the Atlantic Grains Council and by the New Brunswick Department of Agriculture, Aquaculture and Fisheries, Nova Scotia Department of Agriculture, and Prince Edward Island Department of Agriculture through the Sustainable Canadian Agricultural Partnership.

For further information contact Caitlin Congdon: [ccongdon@perennia.ca](mailto:ccongdon@perennia.ca)

### **Performance Index System and Criteria for Inclusion on the Performance List**

A combined yield/maturity index called the Performance Index (PI) is calculated for each hybrid in each trial. The PI is compared to a standard which is made up of the average yield and maturity levels of three early and three late standards. This system allows for each hybrid to be compared to the standard and minimizes the influence of yearly fluctuations in weather and environmental factors since both the standards and test hybrids experience the same conditions at each location. The PI is averaged across all sites for each hybrid and measured against the criteria for inclusion on the performance list. The PI for each individual site can be found in the full report.

Performance Index values below 100 are inferior and those above 100 are superior to the boundaries established by the yield and maturity levels of the standard hybrids on a yield verses maturity graph. Grain and/or silage hybrids may be listed when they meet any of the following criteria and have acceptable levels for stalk breakage, emergence, and other characteristics:

1. A cumulative performance index level of **105.0 or greater** with 1 year's testing (minimum 4 site years) – exceptional yield and maturity.
2. A cumulative performance index level of **100.0 or greater** with 2 year's testing (minimum 7 site years) – average or greater yield and maturity.
3. A relative maturity level of **100 + Y or greater** and a relative yield level of **100 – Y or greater** (minimum 7 site years) – high moisture (later maturing) and high yield.
4. A relative maturity level of **96.0 or greater** and a relative yield level of **105.0 or greater** (minimum 7 site years) – low moisture (early maturing) and high yield.

Further information on criteria for inclusion or retesting and unacceptable hybrid performance can be found in the full report.