

Technical Bulletin

Genes that fit *your* farm.



NEW LCS Calypso

WINTER BARLEY

- ✓ Improved winter hardiness and grain yield relative to previously marketed winter barley varieties in eastern Canada

CHARACTERISTICS							
Type	Plant Height	Lodging Rating	Straw Volume	Days to Maturity	Test Weight (kg/hL)	Thousand Kernel Weight (g)	Malting Quality
2-Row winter	Medium	Above average	Above average	See 2019-2020 Ontario data below			Suitability for eastern Canadian craft brewers under evaluation

MANAGEMENT RECOMMENDATIONS		
Planting Date	Seeding Rate	Seed Treatment
Plant 2 - 3 weeks earlier than winter wheat	1.4 - 1.8 million seeds/ acre	Fungicide seed treatment strongly recommended

Table 1 – Yield, Agronomic & Grain Data from 2019 - 2020 Ontario Winter Barley Registration Trials

Entry	Yield (MT/ac)	Winter Survival (%)	Test Weight (kg/hL)	Thousand Kernel Weight (g)	Days to Maturity (julian)	Height (cm)	Lodging (0-9) ¹
LCS Calypso	3.0	99.7	63.0	46.0	174	81	3.6
Trial mean of 12 winter barley entries ²	2.9	99.7	61.2	45.6	175	77	3.2
Number of sites ³	3	3	3	2	2	3	3

¹ For ratings 0-9, a high score is undesirable.

² All twelve winter barley entries were unregistered at the time of trialing

³ Yield data from Tupperville, Ridgeway & Winterbourne; winter survival data from Harrow, Tupperville & Winterbourne; test weight data from Tupperville, Ridgeway & Winterbourne; Thousand kernel weight data from Tupperville & Ridgeway; maturity data from Harrow & Tupperville; height and lodging data from Harrow, Tupperville & Ridgeway.