

2-ROW SPRING

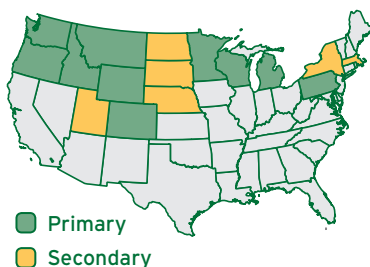
LCS Genie



The Genie Is in the Bottle

With a malting profile tailored for the craft industry and yield levels comparable with feed varieties, LCS Genie is a favorite of brewers, maltsters and farmers alike.

Areas of Adaptation



By the Numbers

Dependable fine grind extract 81.5+% d.b.

Recommended variety by the American Malting Barley Association (AMBA)

Beta-glucan content consistently under 100 ppm

Malting & Brewing LCS Genie

Malting Specifications

	Specification	2016 LCS ¹ Fort Collins, Colorado	2016 MSU ² Bozeman, Montana	2015 MSU ³ Combined Michigan	2013 AMBA ⁴ Idaho Falls, Idaho	2013 AMBA ⁴ Pullman, Washington
Barley	Plump (On 6/64) (%)	93.2	99.9	97.5	96.6	92.4
	Moisture (%)	10.8	-	15.1	8.0	8.3
	Total Protein (% d.b.)	10.9	-	11.0	11.0	11.6
	Pre-Harvest Sprouting (RVA)	158	-	115	-	-
	DON (ppm)	< 0.1	-	0.1	-	-
Malt	Extract, Fine Grind (% d.b.)	81.8	79.6	83.2	82.7	80.4
	Wort Color (Deg. Lov.)	1.57	2.00	2.55	3.40	1.60
	Diastatic Power (Deg. L)	137	173	103	143	153
	Alpha Amylase (D.U.)	54.7	50.1	59.6	60.0	61.4
	Soluble Protein (% d.b.)	4.40	4.15	4.28	5.40	4.50
	Total Protein (% d.b.)	10.9	13.2	10.7	11.6	11.9
	Soluble/Total Protein (% d.b.)	40.4	32.4	42.8	46.9	38.0
	Beta-Glucan (ppm)	66	67	36	48	51
	Free Amino Nitrogen (FAN)	175	151	206	230	168

Malt House Analysis¹

Chitting (%)	Steep Out Moisture (%)	Malt Yield (%)	96-Hour Acrospire Count				
			0-1/4	>1/4-1/2	>1/2-3/4	>3/4-1	>1
95	46.8	90.5	0	0	5	90	5

¹ LCS data, obtained from Hartwick College:

hartwick.edu/about-us/centers-institutes/center-for-craft-food-and-beverage/

² Data obtained from Montana State University: plantsciences.montana.edu/crops/index.html

³ Data obtained from Michigan State University: msue.anr.msu.edu/topic/malting_barley/research

⁴ Data obtained from the American Malting Barley Association: ambainc.org/

PVP

Unauthorized propagation prohibited. U.S. Protected Variety – 1994 PVPA.
Single-season use grower agreement required.



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