



# GRAIN MILLERS

## Barley

### Official Purchasing Specification

#### Grading Factors

##### Quality Standards

	Min/Max	Spec
Test Weight	44 only if plump 80%	46
Moisture	10-14%	13.5%
Thins	6% only if plump 70+	4%
Plump	70%	70%

##### Foreign Material

	Min/Max	Spec
FM	3%	1.5%
Wheat	1%	0%
Blue Barley	1%	0%
Total Other Grains	2%	0%
Ergot	0.04%	0%

##### Damage

	Min/Max	Spec
Frost	0%	0%
Sprout	0%	0%
Total Damage	2%	0%
Vomitoxin	3 ppm	0 ppm
Ochratoxin	4 ppb	0 ppb
Heated (dark kernels)	0%	0%
Falling #	250	275
Smut	0.2%	0%

#### Test Weight Conversions

Lb/W.bu	g/0.5 L	Lb/W.bu	g/0.5 L
45	270	50	300
45.5	273	50.5	303
46	276	51	306
46.5	279	51.5	309
47	282	52	312
47.5	285	52.5	315
48	288	53	318
48.5	291	53.5	321
49	294	54	324
49.5	297	54.5	327

Discounts MAY apply to any grain delivered out of spec.

\* See Discount Schedule (reverse side)

- » FM – Thru 8/64” triangle sieve
- » Thins – Thru 5/64” x 3/4” slotted sieve
- » Plump – On top of 6/64” sieve
- » Moisture Tested on Dickey John

##### Pest/Pesticide/Odors - Restriction

- Barley must NOT contain signs of infestations (dead or alive) or insect damaged kernels delivered to ANY GMI facility
- Barley which has been treated with **glyphosate** as a pre-harvest desiccant will not be accepted
- Barley must not contain detectable levels of pesticide, chemicals, or any other objectionable odors

##### Contact Person

###### Organic:

Richie Breeggemann  
952-983-1366  
richie.breeggemann@grainmillers.com

###### Conventional:

Mark Strabley  
952-983-1309  
mark.strabley@grainmillers.com