



GRAIN MILLERS

Barley

Official Purchasing Specification

Quality Standards

| | Spec | Min/Max |
|--------------------|-------|---------------------|
| Test Weight | 46 | 44 If >80% plump |
| Moisture | 13.5% | 10-13.5% |
| Thins | 0% | 6% |
| Plump | 80% | 70% |

Foreign Material

| | Spec | Max |
|---------------------------|------|-------|
| FM | 0% | 3% |
| Wheat | 0% | 2% |
| Blue Barley | 0% | 0% |
| Total Other Grains | 0% | 2% |
| Ergot | 0% | 0.04% |

Damage

| | Spec | Min/Max |
|------------------------------|----------|---------|
| Frost | 0% | 0% |
| Sprout | 0% | 0% |
| Total Damage | 0% | 2% |
| Vomitoxin | 0 ppm | 3 ppm |
| Ochratoxin | 0 ppb | 4 ppb |
| Heated (dark kernels) | 0% | 0% |
| Falling # | 300 | 250 |
| Smut | 0% | 0.2% |

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/Odor Restrictions

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

Contacts

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**Conventional CW Barley
Discount Schedule
(Based on 48 lb bushel, US\$)**

Test Weight

- **Reject under 44 lbs.**
- Discounts apply 46-44 lbs.
 - \$0.01 per ½ lb.

Moisture

- **Reject over 13.5%**
- **Reject under 10%**

Thins

- **Reject over 6%**
- Discounts apply 4-6%
 - Deducted as dockage

Plump

- **Reserve the right to reject under 70%**
- Discounts apply under 70%
 - \$0.05 per 5%

Foreign Material (FM)

- All FM is deducted as dockage

Vomitoxin

- **Reserve the right to reject over 3ppm**
- Discounts apply 3.1-5.0ppm
 - \$0.10 per 1.0ppm