

# GRAIN MILLERS Organic Oats

## Official Purchasing Specification

### **Quality Standards**

|             | Spec  | Min/Max |
|-------------|-------|---------|
| Test Weight | 38    | 36      |
| Moisture    | 13.5% | 10-14%  |
| Thins       | 12%   | 20%     |
| De-Hulled   | 8%    | 12%     |

### **Foreign Material**

|                    | Spec | Max   |
|--------------------|------|-------|
| FM (Org)           | 0.0% | 5.0%  |
| Legumes            | 0.5% | 1.0%  |
| Oil Seeds (Canola) | 0.5% | 1.0%  |
| Wheat              | 1.0% | 2.0%  |
| Barley             | 1.0% | 2.0%  |
| Wild Oats          | 1.5% | 2.5%  |
| Buckwheat          | 0.0% | 0.5%  |
| Ergot              | 0.0% | 0.02% |
| Mustard Stems      | 0.0% | 0.0%  |
| Total Other Grains | 0.0% | 2.0%  |

#### Damage

|               | Spec   | Min/Max |
|---------------|--------|---------|
| Frost         | 0%     | 2%      |
| Sprout        | 0%     | 2%      |
| Green         | 0%     | 1%      |
| Total         | 0%     | 3%      |
| Damage/Broken |        |         |
| Vomitoxin     | 0.1ppm | 1.0 ppm |
| Heated        | 0%     | 0.1%    |

### **Test Weight Conversions**

| Lb/W.bu | g/0.5 L | Lb/W.bu | g/0.5 L |
|---------|---------|---------|---------|
| 34.0    | 219     | 39.0    | 251     |
| 34.5    | 222     | 39.6    | 255     |
| 35.1    | 226     | 40.0    | 258     |
| 35.5    | 229     | 40.5    | 261     |
| 36.0    | 232     | 41.0    | 264     |
| 36.5    | 235     | 41.6    | 268     |
| 37.1    | 239     | 42.1    | 271     |
| 37.6    | 242     | 42.5    | 274     |
| 38.0    | 245     | 43.0    | 277     |
| 38.5    | 248     | 43.5    | 280     |

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 ¾" slotted sieve
- » Moisture tested on Dickey John

### **Pest/Pesticide/Odors Restrictions**

- Oats must NOT contain signs of infestation (dead or alive) or insect bored / damaged kernels
- 0.0 insect damaged kernels in 100g sample
- Oats which have been treated with **glyphosate** as a pre-harvest desiccant will not be accepted
- Oats must not contain detectable levels of pesticide, chemicals, or any objectionable odors
- Oats may not contain mustard stems

## **Contacts:**

Richie Breeggemann 952-983-1366

<u>richie.breeggemann@grainmillers.</u>
<u>com</u>

## Organic CW Oats Discount Schedule (Based on 32 lb. bushel, US\$)

## Test Weight

- Reject under 36 lbs.
- Discounts apply to 36-38 lbs.
- \$0.075 per ½ lb.

### Moisture

- Reject over 14%
- Reserve the right to reject under 10%
- Discounts apply to 13.5-14.0%
- \$0.02 per 1/10%

### Thins

- Reject over 20%
- Discounts apply to 12-20%
- \$0.02 per 1%

### Wheat

- Reject over 2.0%
- Discounts apply to 1.0 2.0%
- \$0.04 per ½ %

## Barley

- Reject over 2.0%
- Discounts apply to 1.0 2.0%
- \$0.08 per ½ %

### Wild Oats:

- Reject over 2.5%
- Discounts apply to 1.5 2.5%
- \$0.05 per ½ %

## Foreign Material (FM)

All FM is deducted as dockage