



# GRAIN MILLERS

## HARD RED WHEAT

### OFFICIAL PURCHASING SPECIFICATION

#### QUALITY STANDARDS

	Spec	Min/Max
TEST WEIGHT	60	58
MOISTURE	13%	10-13.5%
THINS	0%	5%
PROTEIN		8.5-14%
PLUMP	80%	60%

#### FOREIGN MATERIAL

	Spec	Max
FM	0 %	3 %
BARLEY	0 %	2 %
OILSEED	0 %	1 %
TOTAL OTHER GRAINS	0 %	2 %
WILD OATS	0 %	2 %
ERGOT	0 %	0.04 %

#### DAMAGE

	Spec	Min/Max
FROST	0%	0%
SPROUT	0%	0%
TOTAL DAMAGE	0%	4 %
VOMITOXIN	0 ppm	1.3 ppm
HEATED	0 %	0.2 %
FALLING #	300	280

#### TEST WEIGHT CONVERSIONS

Lb/W.bu	g/0.5 L	Lb/W.bu	g/0.5 L
54.1	328	59.1	359
54.6	331	59.6	362
55.1	334	60.1	365
55.6	337	60.6	368
56	340	61	371
56.5	343	61.5	374
57	346	62	377
57.5	349	62.5	380
58	352	63	383
58.5	355	63.5	386

*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" x 3/4" sieve
- » Moisture Tested on Dickey John

#### PEST/PESTICIDE/ODOR RESTRICTIONS

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

#### CONTACTS

Dan Patton  
952-983-1278  
[dan.patton@grainmillers.com](mailto:dan.patton@grainmillers.com)

*Grain Millers reserves the right to change these specifications at any time without prior notice.*

*Revised 04/22/2025*

**CONVENTIONAL HARD RED WHEAT  
DISCOUNT SCHEDULE  
(Based on W. Bu, US\$)**

Test Weight

- **Reject under 58 pounds**
- Discounts apply to 58-60 pounds
  - \$0.01 per ½ pound

Moisture

- **Reserve the right to reject over 13.5%**
- **Reserve the right to reject under 10%**
- Discounts apply to over 13.5%
  - \$0.02 per 0.25%

Damaged Kernels

- **Reject over 4.0%**
- Discounts apply to 1.1-4.0%
  - \$0.02 for 1.1-2.0%
  - \$0.05 for 2.1-3.0%
  - \$0.09 for 3.1-4.0%

Plump

- **Reserve the right to reject under 60%**
- If accepted the following discounts will apply:
  - 0.5% dockage per 1% plump under 60

Foreign Material (FM):

- All FM is deducted as dockage

*Grain Millers reserves the right to change these specifications at any time without prior notice.*

*Revised 04/22/2025*