

UNITED STATES DEPARTMENT OF AGRICULTURE Grain Inspection, Packers and Stockyards Administration Federal Grain Inspection Service	BARLEY PEARLER AND SIEVE TEST	NOTE: TEST UNIT OPERATOR - FILL IN SHADED AREAS ONLY
DATE MAILED	FIELD OFFICE	AGENCY
		LOCATION

**SIEVE TEST**

**INSTRUCTIONS:**

(1) Read Chapter 9 of Equipment Handbook. (2) Clean, level and oil sieve shaker before starting. (3) Inspect sieves for condition; if sieving surfaces are dirty, loose or bowed, refer to the sieve maintenance section of Chapter 9.

TEST SIEVE RESULTS							STANDARD SIEVE RESULTS							SUMMARY OF RESULTS				
SIEVING METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> MECHANICAL							SIEVING METHOD: <input type="checkbox"/> HAND <input type="checkbox"/> MECHANICAL							TEST SIEVE RESULTS	STANDARD SIEVE RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED	
SIEVE No.	SIEVE		GRAMS SIEVED OUT			AVG. PERCENT	SIEVE No.	SIEVE		GRAMS SIEVED OUT			AVG. PERCENT				IN	OUT
	TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING			TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING						
RESULTS BY:				DATE			RESULTS BY:				DATE			RESULTS BY:		DATE		

REMARKS

**BARLEY PEARLER TEST**

INSTRUCTIONS: (1) Read Chapter 8 of Equipment Handbook. (2) Clean, oil and make necessary adjustments before starting. (3) Use a stopwatch or other timing device for testing. (4) Drop sample into pearling chamber before starting motor. (5) Start pearler and timer at same time. (6) Pull slide to empty pearling chamber when assigned time has elapsed. Grain should clear pearling chamber before motor is switched off.

TEST PEARLER RESULTS					STANDARD PEARLER RESULTS					SUMMARY OF RESULTS						
PEARLING TIME		MIN.	SEC.		PEARLING TIME		MIN.	SEC.		TEST PEARLER RESULTS	STANDARD PEARLER RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED		TIMER DEVIATION-Tolerance	
TEST PEARLER NUMBER	FIRST PEARL	SECOND PEARL	THIRD PEARL	AVERAGE RESULTS	STANDARD PEARLER NUMBER	FIRST PEARL	SECOND PEARL	THIRD PEARL	AVERAGE RESULTS				IN	OUT	IN	OUT
RESULTS BY:				DATE	RESULTS BY:			DATE		RESULTS BY:			DATE			

REMARKS

UNITED STATES DEPARTMENT OF AGRICULTURE  
 Grain Inspection, Packers and Stockyards Administration  
 Federal Grain Inspection Service

**BARLEY PEARLER AND SIEVE TEST**

NOTE: TEST UNIT

DATE MAILED 9-4-96 FIELD OFFICE Moscow AGENCY

INSTRUCTIONS: 1 2 SIEVE TEST 3

(1) Read Chapter 9 of Equipment Handbook. (2) Clean, level and oil sieve shaker before starting. (3) Inspect sieves for condition: if sieving surfaces are dirty, loose or section of Chapter 9.

TEST SIEVE RESULTS						STANDARD SIEVE RESULTS							
SIEVING METHOD		GRAMS SIEVED OUT				AVG. PERCENT	SIEVING METHOD		GRAMS SIEVED OUT			AVG. PERCENT	TEST SIEVE RESULT
SIEVE NO.	SIEVE TYPE SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	SIEVE NO.		SIEVE TYPE SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING			
A	Wht. 06A x 3/8	19.91	20.00	20.07	8.00	1	Wht. 06A x 3/8	20.01	19.87	19.90	7.97	8.00	
B	Bly 5/64 x 3/4	36.99	36.81	36.90	14.76	2	Bly 5/64 x 3/4	36.89	36.46	36.82	14.68	14.76	
C	Bly 55/64 x 3/4	17.00	16.84	16.81	6.75	3	Bly 55/64 x 3/4	17.29	17.00	16.95	6.83	6.75	
D	Bly 1/4 x 3/4	50.20	50.57	50.94	20.22	4	Bly 1/4 x 3/4	50.37	50.67	50.83	20.24	20.22	

RESULTS BY: RDW DATE: 9-5-96 RESULTS BY: Ritch W DATE: 9-3-96

REMARKS: 19 20 21 22

**BARLEY PEARLER TEST**

INSTRUCTIONS: (1) Read Chapter 8 of Equipment Handbook. (2) Clean, oil, and make necessary adjustments before starting. (3) Use a stopwatch or other accurate time peeling chamber before starting motor. (5) Start pearler and timer at same time. (6) Pull slide to empty peeling chamber when assigned peeling time has elapsed. Grain is switched off.

TEST PEARLER RESULTS					STANDARD PEARLER RESULTS					SUM		
TEST PEARLER NUMBER	PEARLING TIME		THIRD PEARL	AVERAGE RESULTS	TEST PEARLER NUMBER	PEARLING TIME		THIRD PEARL	AVERAGE RESULTS		TEST PEARLER RESULTS	STANDARD PEARLER RESULTS
	FIRST PEARL	SECOND PEARL				FIRST PEARL	SECOND PEARL					

RESULTS BY: DATE: RESULTS BY: DATE: RESULTS BY: DATE:

REMARKS: RECOMMENDED ACTION:  KEEP IN SERVICE

FORM FGIS-924 (SEP 95)

OPERATOR - FILL IN SHADED AREAS ONLY.

LOCATION Moscow, ID  
4

(bowed): refer to the sieve maintenance

SUMMARY OF RESULTS

TESTS	STANDARD SIEVE RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED	
			IN	OUT
7	8.0	0	.3	X
8	14.7	+1	.5	X
15	6.8	0	.7	X
2	20.2	0	1.0	X

TESTER JB DATE 9-9-96  
23 24

Use device for testing (4) Drop sample into motor should clear peering chamber before motor

SUMMARY OF RESULTS

TOLERANCE ALLOWED		TIMER DEVIATION-Tolerance	
IN	OUT	IN	OUT

DATE

RETEST  REPAIR

INSTRUCTIONS FOR COMPLETING THE  
"BARLEY PEARLER AND SIEVE TEST"

- 1 Date the test samples are mailed to
- 2 FGIS field office that performed
- 3 Agency that performed the test, v
- 4 Location of the field office or age
- 5 Method used for testing--mechan
- 6 Test sieve's assigned number.
- 7 Size of sieve.
- 8 Three test results, shown to 0.01
- 9 Average of the three test results, s
- 10 Standard sieve's assigned number
- 11 Size of sieve.
- 12 Three test results, shown to 0.01
- 13 Average of the three Standard res
- 14 Average of the test sieve's results
- 15 Average of the Standard sieve's r
- 16 Difference between the test sieve
- 17 Show the appropriate tolerance (s

- 18            Indicate whether the test sieve is .
- 19            Name of person who tested the te
- 20            Date that testing of test sieve(s) v
- 21            Name of person who tested the S
- 22            Date that testing of the Standard :
- 23            Name of person who determined
- 24            Date the determination was cor
- 25            Remarks

FORM FGIS-924,

T"

to the FGIS field office or agency, as applicable.

the test, when applicable.

when applicable.

agency that performed the test.

ical or hand sieving.

gram.

shown as a percentage of 250 g.

1.

gram.

ults, shown as a percentage of 250 g.

. Item 9 is rounded to 0.1 % (This is the same number of decimals as the stated tolerance).

results. Item 13 is rounded to 0.1 %.

's and the Standard sieve's average results (see items 15 and 14). Show any plus or minus deviation from

see page 9-1).

in tolerance (mean deviation from Standard equal to or less than tolerance level) or out of tolerance (mean deviation from Standard greater than tolerance level) for each test sieve.

Test was completed.

Standard sieve(s).

Sieve(s) was completed.

Whether the test sieve(s) was or was not in tolerance.

Completed.

1 the Standard, including the appropriate sign.

n deviation from Standard exceeds tolerance level).

UNITED STATES DEPARTMENT OF AGRICULTURE  
Grain Inspection, Packers and Stockyards Administration  
Federal Grain Inspection Service

**BARLEY PEARLER AND SIEVE TEST**

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DATE MAILED 9-6-96 FIELD OFFICE Grand Forks AGENCY \_\_\_\_\_

1 2 SIEVE TEST 3

INSTRUCTIONS:

(1) Read Chapter 9 of Equipment Handbook. (2) Clean, level and oil sieve shaker before starting. (3) Inspect sieves for condition; if sieving surfaces section of Chapter 9.

TEST SIEVE RESULTS						STANDARD SIEVE RESULTS						
SIEVING METHOD:		GRAMS SIEVED OUT				AVG. PERCENT	SIEVING METHOD:		GRAMS SIEVED OUT			PT
<input type="checkbox"/> HAND	<input type="checkbox"/> MECHANICAL	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	<input type="checkbox"/> HAND		<input type="checkbox"/> MECHANICAL	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING		
SIEVE NO.	SIEVE TYPE SIZE					SIEVE NO.	SIEVE TYPE SIZE					
RESULTS BY:					DATE	RESULTS BY:					DATE	

REMARKS

**BARLEY PEARLER TEST**

INSTRUCTIONS: (1) Read Chapter 8 of Equipment Handbook. (2) Clean, oil, and make necessary adjustments before starting. (3) Use a stopwatch or oth pearling chamber before starting motor. (5) Start pearler and timer at same time. (6) Pull slide to empty pearling chamber when assigned pearling time h is switched off.

TEST PEARLER RESULTS					STANDARD PEARLER RESULTS					TEST PEARLER RESULTS	STANDA PEARLE RESULT	
PEARLING TIME		MIN. SEC.			PEARLING TIME		MIN. SEC.					
TEST PEARLER NUMBER	FIRST PEARL	SECOND PEARL	THIRD PEARL	AVERAGE RESULTS	TEST PEARLER NUMBER	FIRST PEARL	SECOND PEARL	THIRD PEARL	AVERAGE RESULTS			
#112	34.80	34.75	34.71	34.75	#A	34.79	34.99	34.84	34.87	34.8	34.6	
6			7	8	9			10	11	12	13	
RESULTS BY: <u>18 [Signature]</u>					DATE: <u>9-6-96</u>	RESULTS BY: <u>20 [Signature]</u>					DATE: <u>9-6-96</u>	RESULTS BY: <u>21 [Signature]</u>
REMARKS											RECOMM	

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INSTRUCTIONS FOR COMPLETING FORM  
"BARLEY PEARLER AND SIEVE TEST"

NOTE: TEST UNIT OPERATOR - FILL IN SHADED AREAS ONLY.

LOCATION	Grand Forks, ND 4
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are dirty, loose or bowed. refer to the sieve maintenance

SUMMARY OF RESULTS					
AVG. PERCENT	TEST SIEVE RESULTS	STANDARD SIEVE RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED	
				IN	OUT
RESULTS BY:				DATE	

Use accurate timing device for testing. (4) Drop sample into as elapsed. Grain should clear pearling chamber before motor

SUMMARY OF RESULTS						
RD OR IS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED	TIMER DEVIATION-Tolerance			
			IN	OUT	IN	OUT
7	-0.1	± 1.0	✓		✓	
	14	15	16		17	
SIGNED ACTION			DATE 9-12-96			
KEEP IN SERVICE 25			RETEST 22 REPAIR 23			

FORM FGIS-924, "BARLEY PEARLER AND SIEVE TEST"

- 1 Date the test samples a
- 2 FGIS field office that p
- 3 Agency that performed
- 4 Location of the field of
- 5 The standardized pearl
- 6 Test pearler's serial nu
- 7 Three median test resu
- 8 Average of the three te
- 9 Standard pearler's seri
- 10 Three median test resu
- 11 Average of the three te
- 12 Average of the test pea
- 13 Average of the Standar
- 14 The difference between  
Show any p
- 15 "1.0" gram.
- 16 Indicate whether the te  
or out of tol
- 17 Indicate whether the te
- 18 Name of person who te
- 19 Date that testing of the

20 Name of person who t

21 Date that testing of the

22 Name of person who d

23 Date the determination was cor

24 Remarks.

25 Recommended action.

4 FGIS-924,  
IEVE TEST"

nd form FGIS-924 are mailed to the FGIS field office or agency.

performed the test, when applicable.

l the test, when applicable.

ffice or agency that performed the test.

ing times for the test pearler and the Standard pearler.

mber.

Its, shown to 0.01 gram.

st results, shown to 0.01 gram.

il number.

Its, shown to 0.01 gram.

st results, shown to 0.01 gram.

rler's results (see 8).

rd pearler's results (see 11).

n the average test pearler's and the average Standard pearler's results (see 12 and 13).

lus or minus deviation from the Standard, including the appropriate sign.

st pearler is in tolerance (mean deviation from Standard of 1.0 gram or less)

lerance (mean deviation from Standard of more than 1.0 gram).

st pearler's timer is in or out of tolerance.

asted the test pearler.

test pearler was completed.

asted the Standard pearler.

Standard pearler was completed.

etermined whether the test pearler was or was not in tolerance.

npleted.