

UNITED STATES DEPARTMENT OF AGRICULTURE Agricultural Marketing Service Federal Grain Inspection Service	<h2 style="margin: 0;">BARLEY PEARLER AND SIEVE TEST</h2>	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 TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	AVG. PERCENT	SIEVE No.	SIEVE TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	AVG. PERCENT				IN	OUT	
						0.00							0.00	0.0	0.0	0.0			0.2
						0.00							0.00	0.0	0.0		0.0	x	
						0.00							0.00	0.0	0.0		0.0	x	
						0.00							0.00	0.0	0.0		0.0	x	
						0.00							0.00	0.0	0.0		0.0	x	
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	TEST PEARLER NUMBER	FIRST PEARL	SECOND PEARL	THIRD PEARL	AVERAGE RESULTS				IN	OUT	IN	OUT
				0.00					0.00	0.0	0.0	0.0				
				0.00					0.00	0.0	0.0	0.0	1.0	x		
				0.00					0.00	0.0	0.0	0.0	1.0	x		
				0.00					0.00	0.0	0.0	0.0	1.0	x		
RESULTS BY:			DATE		RESULTS BY:			DATE		RESULTS BY:			DATE			

REMARKS

Instructions For Completing FGIS-924

"Barley Pearler"

- 1 Date the test samples and form FGIS-924 are mailed to the FGIS field office or agency.
- 2 FGIS field office that performed the test, when applicable.
- 3 Agency that performed the test, when applicable.
- 4 Location of the field office or agency that performed the test.
- 5 The standardized pearling times for the test pearler and the Standard pearler.
- 6 Test pearler's serial number.
- 7 Three median test results, shown to 0.01 gram.
- 8 Average of the three test results, shown to 0.01 gram.
- 9 Standard pearler's serial number.
- 10 Three median test results, shown to 0.01 gram.
- 11 Average of the three test results, shown to 0.01 gram.
- 12 Average of the test pearler's results (see 8).
- 13 Average of the Standard pearler's results (see 11).
- 14 The difference between the average test pearler's and the average Standard pearler's results (see 12 and 13). Show any plus or minus deviation from the Standard, including the appropriate sign.
- 15 Enter tolerance of " ± 1.0 " gram.
- 16 Indicate whether the test pearler is in tolerance (mean deviation from Standard of 1.0 gram or less) or out of tolerance (mean deviation from Standard of more than 1.0 gram).
- 17 Indicate whether the test pearler's timer is in or out of tolerance.
- 18 Name of person who tested the test pearler.
- 19 Date that testing of the test pearler was completed.
- 20 Name of person who tested the Standard pearler.
- 21 Date that testing of the Standard pearler was completed.
- 22 Name of person who determined whether the test pearler was or was not in tolerance.
- 23 Date the determination was completed.
- 24 Remarks.
- 25 Recommended action.

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service
Federal Grain Inspection Service

BARLEY PEARLER AND SIEVE TEST

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

DATE MAILED 9-4-96 FIELD OFFICE Moscow AGENCY _____ LOCATION Moscow, ID

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		GRAMS SIEVED OUT						SIEVING METHOD		GRAMS SIEVED OUT						AVG PERCENT	TEST SIEVE RESULTS	STANDARD SIEVE RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED	
NO.	TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	AVG PERCENT	NO.	TYPE	SIZE	FIRST SIEVING	SECOND SIEVING	THIRD SIEVING	AVG PERCENT	IN	OUT						
A	Wht.	06A x 3/8	19.91	20.00	20.07	8.00	1	Wht.	06A x 3/8	20.01	19.89	19.90	7.97	8.0	8.0	0	.3	X			
B	Bly	5/16 x 3/4	36.99	36.81	36.90	14.76	2	Bly	5/16 x 3/4	36.89	36.46	36.82	14.68	14.8	14.7	+1	.5	X			
C	Bly	5/8 x 3/4	17.00	16.84	16.81	6.75	3	Bly	5/8 x 3/4	17.29	17.00	16.95	6.83	6.8	6.8	0	.7	X			
D	Bly	3/4 x 3/4	50.20	50.51	50.99	20.22	4	Bly	3/4 x 3/4	50.37	50.67	50.85	20.24	20.2	20.2	0	1.0	X			

RESULTS BY: BRW DATE: 9-5-96 RESULTS BY: Ritch W DATE: 9-3-96 RESULTS BY: Rh DATE: 9-9-96

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 timing device for testing. (4) Drop sample into peeling chamber before starting motor. (5) Start peeler and timer at same time. (6) Pull slide to empty peeling chamber when assigned peeling time has elapsed. Grain should clear peeling chamber before motor is switched off.

TEST PEARLER RESULTS					STANDARD PEARLER RESULTS					SUMMARY OF RESULTS					
TEST PEARLER NUMBER	PEARLING TIME		THIRD PEARL	AVERAGE RESULTS	TEST PEARLER NUMBER	PEARLING TIME		THIRD PEARL	AVERAGE RESULTS	TEST PEARLER RESULTS	STANDARD PEARLER RESULTS	DEVIATION FROM STANDARD	TOLERANCE ALLOWED		TIMER DEVIATION-Tolerance
	FIRST PEARL	SECOND PEARL				FIRST PEARL	SECOND PEARL						IN	OUT	

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

REMARKS: _____ RECOMMENDED ACTION: KEEP IN SERVICE RETEST REPAIR

Instructions For Completing FGIS-924

"Sieve Test"

- 1 Date the test samples are mailed to the FGIS field office or agency, as applicable.
- 2 FGIS field office that performed the test, when applicable.
- 3 Agency that performed the test, when applicable.
- 4 Location of the field office or agency that performed the test.
- 5 Method used for testing--mechanical or hand sieving.
- 6 Test sieve's assigned number.
- 7 Size of sieve.
- 8 Three test results, shown to 0.01 gram.
- 9 Average of the three test results, shown as a percentage of 250 g.
- 10 Standard sieve's assigned number.
- 11 Size of sieve.
- 12 Three test results, shown to 0.01 gram.
- 13 Average of the three Standard results, shown as a percentage of 250 g.
- 14 Average of the test sieve's results.
Item 9 is rounded to 0.1 % (This is the same number of decimals as the stated tolerance).
- 15 Average of the Standard sieve's results. Item 13 is rounded to 0.1 %.
- 16 Difference between the test sieve's and the Standard sieve's average results (see items 15 and 14).
Show any plus or minus deviation from the Standard, including the appropriate sign.
- 17 Show the appropriate tolerance (see page 9-1).
- 18 Indicate whether the test sieve is in tolerance (mean deviation from Standard equal to or less than tolerance level) or out of tolerance (mean deviation from Standard exceeds tolerance level).
- 19 Name of person who tested the test sieve.
- 20 Date that testing of test sieve(s) was completed.
- 21 Name of person who tested the Standard sieve(s).
- 22 Date that testing of the Standard sieve(s) was completed.
- 23 Name of person who determined whether the test sieve(s) was or was not in tolerance.
- 24 Date the determination was completed.
- 25 Remarks