

Indiana 4-H/FFA Crops Grain Grading Answer Code Sheet

Complete each problem then use these three-digit codes to answer questions about each grain grading problem.

Corn Grain Grading Codes

<i>Code</i>	<i>Grade</i>	<i>5 Points</i>
	401 US No. 1	
	402 US No. 2	
	403 US No. 3	
	404 US No. 4	
	405 US No. 5	
	406 US Sample Grade	

<i>Code</i>	<i>Class</i>	<i>2.5 Points</i>
	407 Yellow Corn	
	408 White Corn	
	409 Mixed Corn	

<i>Code</i>	<i>Special Grades</i>	<i>2.5 Points</i>
	410 No special Grades	
	411 Infested	
	412 Waxy	
	413 Flint	
	414 Flint and Dent	

<i>Code</i>	<i>Test Weight</i>	<i>2.5 Points</i>
Fill in the answer without the decimal point.		
Example -559 is the answer if the test weight is 55.9 lb/bu.		

<i>Code</i>	<i>Moisture</i>	<i>2.5 Points</i>
Fill in the answer without the decimal point, rounded to one/tenth.		
Example - 156 is the answer if the moisture is 15.6%.		

<i>Code</i>	<i>Broken Corn and Foreign Material</i>	<i>2.5 Points</i>
Fill in the answer without the decimal point, rounded to one/tenth.		
Example - 005 is the answer if the broken corn and foreign material is 0.5%.		
000	None	

<i>Code</i>	<i>Heat Damage</i>	<i>2.5 Points</i>
Fill in the answer without the decimal point, rounded to one/tenth.		
Example - 010 is the answer if the heat damage is 1.0%.		
000	None	

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Code *Total Damage* *2.5 Points*

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 023 is the answer if the total damage is 2.3%.

000 None

Code *Sample Grade Factors* *2.5 Points*

415 No Sample Grade Factors

416 Musty

417 Sour

418 COFO (commercially objectional foreign odor)

419 Stones

420 Glass

421 Cortalaria seeds

422 Caster Beans

423 Animal Filth

424 Unknown Foreign substance

425 Cockleburs

426 Heating

427 Distinctively Low Quality

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Soybean Grain Grading Codes

Code *Grade* *5 Points*

- 501 US No. 1
- 502 US No. 2
- 503 US No. 3
- 504 US No. 4
- 505 US Sample Grade

Code *Class* *2 Points*

- 506 Yellow Soybeans
- 507 Mixed Soybeans

Code *Special Grades* *2 Points*

- 508 No special Grades
- 509 Infested
- 510 Garlicky
- 511 Purple Mottled or Stained

Code *Test Weight* *2 Points*

Fill in the answer without the decimal point.
Example -559 is the answer if the test weight is 55.9 lb/bu.

Code *Moisture* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.
Example - 122 is the answer if the moisture is 12.2%.

Code *Foreign Material* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.
Example - 005 is the answer if the foreign material is 0.5%.

000 None

Code *Heat Damage* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.
Example - 010 is the answer if the heat damage is 1.0%.

000 None

Code *Total Damage* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.
Example - 023 is the answer if the total damage is 2.3%.

000 None

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Code *Splits* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 002 is the answer if the splits is 0.2%.

000 None

Code *Soybeans other Colors* *2 Points*

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 010 is the answer if the soybeans other colors is 1.0%.

000 None OR if class is Mixed Soybeans.

Code *Sample Grade Factors* *2 Points*

512 No sample Grade Factors

513 Musty

514 Sour

515 COFO commercially objectionable foreign odor)

516 Stones

517 Glass

518 Crotalaria Seeds

519 Caster Beans

520 Animal Filth

521 Unknown Foreign Substance

522 Accumulative Total

523 Heating

524 Distinctive Low Quality

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Wheat Grain Grading Codes

<i>Code</i>	<i>Grade</i>	<i>2.5 Points</i>
	601 US No. 1	
	602 US No. 2	
	603 US No. 3	
	604 US No. 4	
	605 US No. 5	
	606 US Sample Grade	

<i>Code</i>	<i>Class or Subclass</i>	<i>0.5 Points</i>
	607 Soft Red Winter Wheat	

<i>Code</i>	<i>Special Grades</i>	<i>2 Points</i>
	608 No special Grades	
	609 Ergoty	
	610 Garlicky	
	611 Infested	
	612 Light Smutty	
	613 Smutty	
	614 Treated	

<i>Code</i>	<i>Dockage</i>	<i>2 Points</i>
	Fill in the answer without the decimal point, rounded to one/tenth. Example - 005 is the answer if the dockage is 0.5%.	
000	None	

<i>Code</i>	<i>Test Weight</i>	<i>1 Point</i>
	Fill in the answer without the decimal point. Example -604 is the answer if the test weight is 60.4 lb/bu.	

<i>Code</i>	<i>Moisture</i>	<i>1 Points</i>
	Fill in the answer without the decimal point, rounded to one/tenth. Example - 118 is the answer if the moisture is 11.8%.	

<i>Code</i>	<i>Heat Damage</i>	<i>2 Points</i>
	Fill in the answer without the decimal point, rounded to one/tenth. Example - 005 is the answer if the heat damage is 0.5%.	
000	None	

<i>Code</i>	<i>Total Damage</i>	<i>2 Points</i>
	Fill in the answer without the decimal point, rounded to one/tenth. Example - 023 is the answer if the total damage is 2.3%.	
000	None	

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Code Foreign Material 2 Points

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 010 is the answer if the foreign material is 1.0%.

000 None

Code Shrunken Broken Kernels 2 Points

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 010 is the answer if the shrunken broken kernels is 1.0%.

000 None

Code Total Defects 2 Points

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 023 is the answer if the total defects is 2.3%.

000 None

Code Wheat Other Classes 2 Points

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 005 is the answer if the wheat other classes is 0.5%.

000 None

Code Contrasting Classes 2 Points

Fill in the answer without the decimal point, rounded to one/tenth.

Example - 015 is the answer if the contrasting classes is 1.5%.

000 None

Code Sample Grade Factors 2 Points

615 No sample Grade Factors

616 Musty

617 Sour

618 COFO (commercially objectionable foreign odors)

619 Stones

620 Glass

621 Crotalaria Seeds

622 Caster Beans

623 Animal Filth

624 Unknown Foreign substances

625 Accumulative total

626 Heating

627 Distinctively Low Quality

628 Insect Damaged Kernels (IDK)