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

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

Code	Class	2.5 Points
407	Yellow Corn	
408	White Corn	
409	Mixed Corn	

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

Code   *Test Weight*   *2.5 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*   *2.5 Points*
Fill in the answer without the decimal point, rounded to one/tenth.
Example - 156 is the answer if the moisture is 15.6%.

Code   *Broken Corn and Foreign Material*   *2.5 Points*
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

Code   *Heat Damage*   *2.5 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

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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

428 Some Other Factor or Did Not Meet Requirements Outlined in Table

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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

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

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
    525 Some Other Factor or Did Not Meet Requirements Outlined in Table

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Wheat Grain Grading Codes

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

Code	Class or Subclass	0.5 Points
607	Soft Red Winter Wheat	

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

Code   *Dockage*   *2 Points*

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

Code   *Test Weight*   *1 Point*

Fill in the answer without the decimal point.

Example -604 is the answer if the test weight is 60.4 lb/bu.

Code   *Moisture*   *1 Points*

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

Example - 118 is the answer if the moisture is 11.8%.

Code   *Heat Damage*   *2 Points*

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

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   *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)
      629 Some Other Factor or Did Not Meet Requirements Outlined in Table