

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

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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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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)