



State of Oregon  
Department of  
Environmental  
Quality

## GRAIN/SEED/ANIMAL FEED

## FORM AQ212 INSTRUCTIONS

### Plant Information:

1. Indicate the type of activity that is conducted at the facility (i.e., grain elevator, seed cleaner, animal feed preparation, etc.).
2. Enter the date (month/year) when the facility began operation.
3. Describe in detail the entire process (i.e., how the material is brought to the plant, where it is unloaded, if the materials are cleaned, stored, mixed, milled, how the final product is shipped off site and indicate any control equipment used). **BE SPECIFIC!!**

### Projected Operating Schedule:

4. Specify the primary months of operation. Specify the primary projected maximum operating schedule (hours per day, days per week and weeks per year) for the proposed permit term.
5. If there is a seasonal or alternate schedule for the proposed permit term, please specify the seasonal/alternative months. Specify the seasonal or alternate schedule (hours per day, days per week and weeks per year) for the proposed permit term.

### Production Information:

6. Indicate the type of material to be received and enter the projected maximum annual tons for each material identified.
7. Indicate how the material is received at the plant site. If other, please describe and be specific.
8. Indicate if the receiving area is enclosed. If partially enclosed, please indicate the number of sides (i.e., 2 sides). If the material is not received in an enclosed area, please describe where it is unloaded.
9. Indicate the type of material to be cleaned and then enter the projected maximum annual tons for each material identified. If other, please describe and be specific.
10. Identify how many cleaning lines are used at the plant site. Please provide an identification name or number for each cleaning line.
11. Indicate if any of the cleaning lines vent to a control device(s). If there are control device(s), complete an AQ300 series form for each control device.
12. Indicate if an aspiration/ventilation system is used within the headhouse and internal handling area.
13. Indicate if the aspiration/ventilation system vents to a control device(s). If there are control device(s), complete an AQ300 series form for each control device.

### Animal Feed Mills – Grain Milling Operation: (Questions 14 through 18 are to be answered by Animal Feed Preparation facilities only)

14. Indicate what type of milling equipment is used at the plant site. If other, please describe and be specific.
15. Identify the type of material that will be milled and then enter the projected maximum annual tons for each material identified.
16. Indicate if the milling equipment vents to a control device(s). If there are control device(s), complete an AQ300 series form for each control device.



State of Oregon  
Department of  
Environmental  
Quality

**FACILITY INFORMATION GRAIN/SEED/ANIMAL FEED**

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17. Indicate if a pellet cooler is used during the feed preparation process.
18. Indicate if the pellet cooler vents to a control device(s). If there are control device(s), complete an AQ300 series form for each control device.

**Product Handling Information:**

19. Indicate how the final product is shipped off site. If other, please describe and be specific. Enter the projected maximum annual tons of final product that will be shipped off site.

**Miscellaneous Information:**

20. Indicate where the screenings/waste materials are collected and then enter the projected maximum annual tons collected. If other, please describe and be specific.
21. Identify if the screening/waste collection and unloading area has a control device(s). If there are control device(s), complete an AQ300 series form for each control device.
22. Describe what is done with the screening/waste material that is generated from the cleaning, milling and handling processes.
23. Indicate if a boiler is used in the production process. If there is a boiler at the site complete form AQ208 for each boiler.
24. Indicate if any cleaning solvents are used on site for parts cleaning and if so, the amount used.



State of Oregon  
Department of  
Environmental  
Quality

**FACILITY INFORMATION GRAIN/SEED/ANIMAL FEED**

**FORM AQ212  
ANSWER SHEET**

Facility Name:  Permit Number:

**Plant Information:**

1. What type of activity is conducted at the facility (i.e., grain elevator, seed cleaning, animal feed preparation, etc.)?
2. Date the facility began operation?
3. Describe in *detail* the process, beginning with when material is received, through the production process, concluding with how the materials are shipped off site.

**Projected Operating Schedule**

4. Primary season schedule (enter months):   
 Hours/day   
 Days/week   
 Weeks/year
5. Alternate off-season schedule (enter months):   
 Hours/day   
 Days/week   
 Weeks/year

**Production Information**

6. Indicate the type and projected maximum annual tons of materials received:

Grass Seed		tons/yr
Grain (by type)		tons/yr
		tons/yr
		tons/yr
Other (specify)		tons/yr
		tons/yr



State of Oregon  
Department of  
Environmental  
Quality

**FACILITY INFORMATION GRAIN/SEED/ANIMAL FEED**

**FORM AQ212  
ANSWER SHEET**

7. How is material received? truck, railcar, other (specify one or more)
8. Is the receiving area enclosed? (yes/no)
- If partially enclosed, indicate the number of sides
- If not enclosed, provide a description of the unloading area:

9. Indicate the type and projected maximum annual tons of materials cleaned:

Grass Seed		tons/yr
Grain (by type)		tons/yr
		tons/yr
		tons/yr
Other (specify)		tons/yr
		tons/yr

10. How many cleaning lines are at the plant site?

List identification name or number for each cleaning line.

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

11. Do any of the cleaning lines vent to a control device? (yes/no)

If yes, list the identification numbers and complete the appropriate AQ300 series form for each control device.

12. Is an aspiration/ventilation system used within the headhouse and internal handling area? (yes/no)

13. Is there a control device associated with the aspiration/ventilation system? (yes/no)

If yes, list the identification number(s) and complete an appropriate AQ300 series form.

**Animal Feed Mills - Grain Milling Operation** (Questions 14 through 18 are to be answered by Animal Feed Preparation facilities only.)

14. List how many of each type of milling equipment are used at the plant site.

Hammermill	<input type="text"/>
Flaker Grain	<input type="text"/>
Cracker	<input type="text"/>
Other (specify) <input type="text"/>	<input type="text"/>

15. Identify the type and projected maximum annual tons of material(s) to be milled:

type	maximum annual in tons
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

16. Does the milling equipment vent to a control device(s)? (yes/no)

If yes, list the identification numbers and complete the appropriate AQ300 series form for each control device.



State of Oregon  
Department of  
Environmental  
Quality

**FACILITY INFORMATION GRAIN/SEED/ANIMAL FEED**

**FORM AQ212  
ANSWER SHEET**

17. Is a pellet cooler used during the feed preparation process? (yes/no)
18. Does the pellet cooler vent to a control device(s)? (yes/no)   
 If yes, list the identification numbers and complete the appropriate AQ300 series form for each control device.

**Product Handling Information**

19. Identify projected maximum annual tons of final product shipped.
- |                                      |                      |         |
|--------------------------------------|----------------------|---------|
| Truck                                | <input type="text"/> | tons/yr |
| Railcar                              | <input type="text"/> | tons/yr |
| Other (specify) <input type="text"/> | <input type="text"/> | tons/yr |

**Miscellaneous Information**

20. Identify where the screenings/waste materials are collected and the projected maximum annual tons collected.
- |                                      |                      |         |
|--------------------------------------|----------------------|---------|
| Screening Bunker                     | <input type="text"/> | tons/yr |
| Box or collection bin                | <input type="text"/> | tons/yr |
| Bags                                 | <input type="text"/> | tons/yr |
| Other (specify) <input type="text"/> | <input type="text"/> | tons/yr |
21. Is there a control device associated with the screening/waste material collection and unloading? (yes/no)   
 If yes, list the identification numbers and complete the appropriate AQ300 series form for each control device.

22. What is done with the screening/waste materials from the cleaning, milling and handling processes?

23. Is there a boiler on site used in the production process? (yes/no)   
 If yes, list the identification numbers and complete form AQ208.
24. Are there any of the following cleaning solvents used on site for parts cleaning? (yes/no)
- |                                      | (yes/no)             | amount               |
|--------------------------------------|----------------------|----------------------|
| 1,1,1 – trichloroethane              | <input type="text"/> | <input type="text"/> |
| perchloroethylene                    | <input type="text"/> | <input type="text"/> |
| methylene chloride                   | <input type="text"/> | <input type="text"/> |
| carbon tetrachloride                 | <input type="text"/> | <input type="text"/> |
| other (specify) <input type="text"/> | <input type="text"/> | <input type="text"/> |

\*\* If additional room is needed, please continue on a blank paper and include with application.