

# SaferFarm.org – Farm Hazard Analysis Tool

## Agricultural Machinery

### Augers

#### Least Protection

1. Auger intake guard is missing or has never had one.
- 2.
3. Auger has a properly designed intake guard in place but it is bent or damaged; auger has an improperly designed intake guard.
- 4.
5. Auger has a properly designed intake guard in place that is in good condition.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Flexible Guards

#### Least Protection

1. Chain, tarp, or rubberized belt guard is missing or has never had one.

2.

3. Chain, tarp, or rubberized belt guard is poorly attached or the guard is worn and needs to be replaced.

4.

5. Chain, tarp, or rubberized belt guard is in place and in good condition.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Hydraulic Hoses

#### Least Protection

1. Hoses are leaking fluid and/or external rubber layer is separated from steel braiding.
2. Hoses have numerous cracks and gouges. Hoses are taped or modified to cover cracks and gouges.
3. Hoses have some noticeable cracks and gouges; excess hose is not coiled.
4. Hoses are in good condition, show some wear, excess hose is coiled.

5. Hoses have a brand new appearance, excess hose is coiled.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Jack Stands



#### Least Protection

1. Jack stand is missing, unusable, or equipment/machine has never had one but should have a jack stand if the tongue is not hinged.

2.



3. Equipment/machine has a jack stand. Jack stand is bent, doesn't sit level on the ground, hand crank is damaged or missing, secured in an up position with a makeshift latch/tie.

4.



5. Equipment/machine has a jack stand. Jack stand is in good condition, has a good hand crank, can be secured in an up position when not needed.

#### Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Machine Master Shield

#### Least Protection

1. Master shield is missing or has never had one.

2.

3. Master shield is in place, but has a bend, crack, or slice that reduces the level of protection. Original or current shield offers poor protection.

4.

5. Master shield is in place, in good condition, and offers good protection.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### PTO Drivelines

#### Least Protection

1. Driveline shaft shield is missing or has never had one.

2.

3. Driveline shaft shield is in place but is bent, cracked, sliced, and/or does not rotate freely.

4.

5. Driveline shaft shield is in place, is in good condition, and it can easily rotate by hand. Chain prevents shield from rotating.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### PTO Warning Decals

#### Least Protection

1. Warning decal(s) are missing or unreadable.
- 2.
3. Warning decal(s) are present but partially unreadable, or not easily seen; pictograms are not present.
- 4.
5. Warning decal(s) are mounted on PTO shield or on implement hitch below shaft where they are easily read; includes pictogram.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Slow-Moving Vehicle Emblem

#### Least Protection

1. Missing



2.



3. Not mounted on the equipment or is bent. Can also be partially obstructed, muddy, or faded.

4.



5. Mounted properly on the equipment and bright in color.

#### Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

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Date: \_\_\_\_\_

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## Agricultural Machinery

### Tires

#### Least Protection

1. Treads are bald with numerous cracks or gouges.
2. Tread is badly worn, rubber has multiple cracks or gouges.
3. Tread is worn, a few sidewall cracks.
4. Tread is good, no cracks in the tire sidewalls.
5. Tread like new, no side wall gouges.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### V-belt, Chain, and Gear Drives

#### Least Protection

1. Guard(s) for v-belt, chain, or gear drives are missing or machine has never had them.
2. Guard(s) prevent access to the intake side of some v-belt, chain, or gear drives.
3. Guard(s) prevent access to the intake side of all v-belt, chain, or gear drives.
4. Guard(s) enclose some v-belt, chain, or gear drives.

5. Guard(s) enclose all v-belt, chain, or gear drives.

#### Most Protection



Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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## Agricultural Machinery

### Warning Markers and Lights

#### Least Protection

1. There are no reflective markers, lights, or all are broken.



2.



3. Some reflective markers (and some red/amber lights are working if equipment is over 13 feet wide) are broken, missing, or dirty.

4.



5. All reflective markers (and red/amber lights are working if the equipment is over 13 feet wide) are clean and viewable.

#### Most Protection

Item:	Item:	Item:	Item:	Item:
O1	O1	O1	O1	O1
O2	O2	O2	O2	O2
O3	O3	O3	O3	O3
O4	O4	O4	O4	O4
O5	O5	O5	O5	O5

Farm: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_