

## Farm & Ranch Safety Inventory

Name of Farm \_\_\_\_\_

Date Evaluated \_\_\_\_\_

### Farmstead and Buildings

OK

### Corrective Actions Needed

Farmstead and buildings free of trash, debris, or junk which could cause falls or be a fire hazard.

Buildings, outdoor work areas are well lighted.

Above ground fuel tanks are at least 40 feet from any building.

"NO SMOKING" signs are displayed near fuel storage and refueling areas.

Weeds and other easily combustible materials are kept away from fuel storage areas.

Telephones are located in each major farm building.

Emergency phone numbers are clearly posted.

Fully charged ABC fire extinguisher is located in each farm building.

Well maintained first aid kit is located in each major farm building.

Electrical wiring is in good condition, supported in conduit.

Wiring insulation is in good condition, not cracked, broken, or brittle.

Electric outlets are 3-prong grounded type.

Stairs, ladders are in good condition.

Stairs are clear of objects and slippery substances, and have handrails.

Floors are free of broken concrete, slickspots, or bad spots which could cause falls.

Crop and Feed Storage Areas	OK	Corrective Actions Needed
Entrances to grain, feed, or silage storage areas can be secured.	<input type="checkbox"/>	
Flowing grain hazard warnings are posted at storage facilities.	<input type="checkbox"/>	
Silo and bin ladders are in good condition.	<input type="checkbox"/>	
All bins have both inside and outside ladders.	<input type="checkbox"/>	
Fully charged ABC type fire extinguisher is available in crop storage area.	<input type="checkbox"/>	
Approved respirators are available when handling dusty grain or feed, or cleaning bin.	<input type="checkbox"/>	
Warnings concerning dangers of silo gas are posted.	<input type="checkbox"/>	
Storage and drying area free of trash or other fire hazards.	<input type="checkbox"/>	
Electric motors are placed in areas with adequate ventilation, and free of trash or other fire hazard.	<input type="checkbox"/>	
Overhead power lines are located away from bins.	<input type="checkbox"/>	

## Chemical Storage Areas

Crop chemicals are stored in a secured room or building to keep out children and animals.	<input type="checkbox"/>	
Chemical storage area entrance clearly marked and posted concerning hazards inside.	<input type="checkbox"/>	
Chemicals stored in labeled, original containers.	<input type="checkbox"/>	
Chemical containers are properly disposed.	<input type="checkbox"/>	
Smoking is prohibited in and around chemical storage buildings and "NO SMOKING" signs posted.	<input type="checkbox"/>	

<b>Tractors</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
All PTO master shields are in place.	<input type="checkbox"/>	
Reflectors, SMV emblems are clean and unfaded.	<input type="checkbox"/>	
Tractors are equipped with ROP's.	<input type="checkbox"/>	
ROP's equipped tractors have seat belts.	<input type="checkbox"/>	
Five pound (minimum) ABC type fire extinguisher is mounted on each tractor.	<input type="checkbox"/>	
All lights and flashers are in working order.	<input type="checkbox"/>	
Cab windows and mirrors are clean to maintain good visibility.	<input type="checkbox"/>	
Operator's platform is kept clear of grease, mud, and tools.	<input type="checkbox"/>	
Fuel, oil, and hydraulic systems are free of leaks, and are maintained at proper fluid levels.	<input type="checkbox"/>	
Tires are in good condition and kept at recommended pressure.	<input type="checkbox"/>	
Muffler and exhaust system is properly maintained.	<input type="checkbox"/>	
Each tractor is equipped with a No Rider decal.	<input type="checkbox"/>	

## **Tillage/Planting Equipment**

Equipment is marked with reflectors and lights for highway travel.	<input type="checkbox"/>	
Belts, chains, and shafts are adequately shielded.	<input type="checkbox"/>	
PTO components are properly shielded.	<input type="checkbox"/>	
Hydraulic components appear in good shape and free of leaks.	<input type="checkbox"/>	
Hydraulically raised equipment has transport locks to take load off hydraulic system during transport.	<input type="checkbox"/>	

<b>Wagons &amp; Hauling Equipment</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
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Lights and reflectors are in place and working.

Belts, pulleys, shafts, chains are properly shielded.

Each piece of equipment has clean, unfaded SMV emblem.

Tires appear to be in good condition and properly inflated.

Wheel lugs are in place and tightened.

Safety hitch pins are used.

## **Harvesting Equipment**

Guards and shields are in place.

Ladders and steps are in good repair.

Each machine is equipped with an SMV emblem.

Combine equipped with at least 10 pound ABC type fire extinguisher.

Operator's manual is in cab for reference when making adjustments.

Fuel, oil, and hydraulic system is free of leaks.

Belts and chains are properly adjusted.

Safety latch, jack stand, and/or safety locks are in working order.

Flashers and lights are working.

For PTO operated machines, PTO components are properly shielded.

<b>Chemical Application Equipment</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
Necessary personal protective equipment (gloves, goggles, etc.) is available for each applicator.	<input type="checkbox"/>	
Fittings, hoses, and lines are in good condition and free of leaks.	<input type="checkbox"/>	
Control valves work easily by hand without leakage.	<input type="checkbox"/>	
All pressure gauges read accurately.	<input type="checkbox"/>	
Sprayer tank covers fit snugly to prevent spillage.	<input type="checkbox"/>	
On PTO-driven applicators, driveline components are properly shielded.	<input type="checkbox"/>	

## **Anhydrous Ammonia Application Equipment**

Valves and fittings are in good repair.	<input type="checkbox"/>	
Worn hoses are replaced promptly.	<input type="checkbox"/>	
Rubber gloves and splash goggles are available for use with each applicator.	<input type="checkbox"/>	
Each nurse tank or applicator has five gallons of fresh water mounted on it (as required by law).	<input type="checkbox"/>	
Nurse tanks or applicators moved on public highways are equipped with SMV emblems.	<input type="checkbox"/>	
Tires and running gears on nurse tanks are in good condition.	<input type="checkbox"/>	

Livestock Facilities	OK	Corrective Actions Needed
Doorways and aisles are free of obstructions and sharp projections.	<input type="checkbox"/>	
Ceilings are 8 - 12 feet and door frames are at least 8 ft. high with a minimum width of 4 feet.	<input type="checkbox"/>	
Windows are inaccessible to horses and livestock, covered with bars or screening and made of safety glass.	<input type="checkbox"/>	
Water sources are grounded to prevent accidental electrical shock.	<input type="checkbox"/>	
Cross-ties and other tying areas with safety release snaps are provided.	<input type="checkbox"/>	
Grooming and wash stalls are in open areas; clean and well-drained to prevent wet and/or icy barn floors.	<input type="checkbox"/>	
Hay is stored away from heat and electrical sources, and in a separate building from where livestock and horses are housed.	<input type="checkbox"/>	
Hay and bedding are stacked so as not to fall on top of anyone.	<input type="checkbox"/>	
Tack rooms have adequate racks and storage areas to keep equipment off the floor and out of the path of traffic.	<input type="checkbox"/>	
Turnout paddocks and pasture fencing is 4 - 6 feet in height and free of protrusions.	<input type="checkbox"/>	
Gates are at least 4 feet wide, swing freely and have no sharp edges or corners.	<input type="checkbox"/>	
Ponds, irrigation and open drainage ditches are fenced.	<input type="checkbox"/>	

<b>Personal Protective Equipment</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
Safety glasses available at all grinders and other sources of eye hazards.	<input type="checkbox"/>	
Arc welding helmets and welding goggles are in good condition and fitted with the appropriate lenses.	<input type="checkbox"/>	
Respirators are available for dusty tasks such as sanding.	<input type="checkbox"/>	
Face shields are available for every power tool.	<input type="checkbox"/>	
Hard hats are available for construction activities.	<input type="checkbox"/>	
Wash-up area provided.	<input type="checkbox"/>	
First aid kit available and maintained.	<input type="checkbox"/>	
<b>Shop</b>		
All fuses and circuit breakers are clearly identified.	<input type="checkbox"/>	
Floors are clean and free of grease and tripping hazards.	<input type="checkbox"/>	
No flammable waste.	<input type="checkbox"/>	
Air used for cleaning is regulated to not more than 35 psi.	<input type="checkbox"/>	
Stacked materials secured against falling.	<input type="checkbox"/>	
Adequate ventilation is provided.	<input type="checkbox"/>	
Load capacity plainly marked on each lifting device.	<input type="checkbox"/>	
Safety hooks used on all chains.	<input type="checkbox"/>	
Jack stands available. (no concrete blocks)	<input type="checkbox"/>	

<b>Shop Tools</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
All hammer handles in good condition.	<input type="checkbox"/>	_____
Punches and chisels in good condition. (no mushroomed heads)	<input type="checkbox"/>	_____
Tools free of grease and oil.	<input type="checkbox"/>	_____
Cutting tools are sharp.	<input type="checkbox"/>	_____
All stationary power tools are secured to the floor.	<input type="checkbox"/>	_____
All stationary power tools and equipment are grounded.	<input type="checkbox"/>	_____
Table saw equipped with guard and push stick available.	<input type="checkbox"/>	_____
Grinders have guards and properly adjusted work rests.	<input type="checkbox"/>	_____
Battery charging area away from welding area.	<input type="checkbox"/>	_____
All belts, pulleys, and chains guarded.	<input type="checkbox"/>	_____
Extension cords and portable power tool cords are in good condition.	<input type="checkbox"/>	_____
Welding area kept dry.	<input type="checkbox"/>	_____
Compressed gas cylinders are secured in place.	<input type="checkbox"/>	_____
Cylinders turned off when not in use.	<input type="checkbox"/>	_____
Arc welding cables in good condition.	<input type="checkbox"/>	_____
Ventilation adequate to dissipate welding fumes.	<input type="checkbox"/>	_____

<b>Portable Augers and Elevators</b>	<b>OK</b>	<b>Corrective Actions Needed</b>
All belts and chains are properly shielded.	<input type="checkbox"/>	
Auger inlet is shielded to prevent contact with flighting.	<input type="checkbox"/>	
Winch is in good working order and equipped to prevent "freewheeling".	<input type="checkbox"/>	
Winch cable is free of corrosion or damage.	<input type="checkbox"/>	
PTO operated components are properly shielded.	<input type="checkbox"/>	
No overhead power lines are located near where portable augers or elevators are commonly used.	<input type="checkbox"/>	
<b>Fields and Roadways</b>		
Fields are free of stumps, large rocks, or other obstacles to cropping operations.	<input type="checkbox"/>	
Large immovable obstacles are flagged or well marked for visibility, even in tall crops.	<input type="checkbox"/>	
Buffer zones along drainage ditches give tractors or combines ample turning room.	<input type="checkbox"/>	
Low branches of trees are trimmed to allow machinery to pass underneath.	<input type="checkbox"/>	
There is clear vision in both directions as you enter the highway from the farm driveway.	<input type="checkbox"/>	
The driveway entrance is wide enough to permit entering or exiting without swinging truck, tractor, or combine into opposite lane of traffic.	<input type="checkbox"/>	
The corners of all intersections on farm are kept clear of tall crops which might block vision of drivers on the road.	<input type="checkbox"/>	



<b>Solution or Corrective Action to be Taken</b>	<b>Priority Rank</b>	<b>Target Date</b>

Problem/Hazard	Proposed Solution	Difficulty

Solution or Corrective Action to be Taken	Priority Rank	Target Date