

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.

☐

Flowing grain hazard warnings are posted at storage facilities.

☐

Silo and bin ladders are in good condition.

☐

All bins have both inside and outside ladders.

☐

Fully charged ABC type fire extinguisher is available in crop storage area.

☐

Approved respirators are available when handling dusty grain or feed, or cleaning bin.

☐

Warnings concerning dangers of silo gas are posted.

☐

Storage and drying area free of trash or other fire hazards.

☐

Electric motors are placed in areas with adequate ventilation, and free of trash or other fire hazard.

☐

Overhead power lines are located away from bins.

☐

Chemical Storage Areas

Crop chemicals are stored in a secured room or building to keep out children and animals.

☐

Chemical storage area entrance clearly marked and posted concerning hazards inside.

☐

Chemicals stored in labeled, original containers.

☐

Chemical containers are properly disposed.

☐

Smoking is prohibited in and around chemical storage buildings and "NO SMOKING" signs posted.

☐

Tractors

OK

Corrective Actions Needed

All PTO master shields are in place.

☐

Reflectors, SMV emblems are clean and unfaded.

☐

Tractors are equipped with ROP's.

☐

ROP's equipped tractors have seat belts.

☐

Five pound (minimum) ABC type fire extinguisher is mounted on each tractor.

☐

All lights and flashers are in working order.

☐

Cab windows and mirrors are clean to maintain good visibility.

☐

Operator's platform is kept clear of grease, mud, and tools.

☐

Fuel, oil, and hydraulic systems are free of leaks, and are maintained at proper fluid levels.

☐

Tires are in good condition and kept at recommended pressure.

☐

Muffler and exhaust system is properly maintained.

☐

Each tractor is equipped with a No Rider decal.

☐

Tillage/Planting Equipment

Equipment is marked with reflectors and lights for highway travel.

☐

Belts, chains, and shafts are adequately shielded.

☐

PTO components are properly shielded.

☐

Hydraulic components appear in good shape and free of leaks.

☐

Hydraulically raised equipment has transport locks to take load off hydraulic system during transport.

☐

Wagons & Hauling Equipment

OK

Corrective Actions Needed

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.

☐

Chemical Application Equipment

OK

Corrective Actions Needed

Necessary personal protective equipment (gloves, goggles, etc.) is available for each applicator.

☐

Fittings, hoses, and lines are in good condition and free of leaks.

☐

Control valves work easily by hand without leakage.

☐

All pressure gauges read accurately.

☐

Sprayer tank covers fit snugly to prevent spillage.

☐

On PTO-driven applicators, driveline components are properly shielded.

☐

Anhydrous Ammonia Application Equipment

Valves and fittings are in good repair.

☐

Worn hoses are replaced promptly.

☐

Rubber gloves and splash goggles are available for use with each applicator.

☐

Each nurse tank or applicator has five gallons of fresh water mounted on it (as required by law).

☐

Nurse tanks or applicators moved on public highways are equipped with SMV emblems.

☐

Tires and running gears on nurse tanks are in good condition.

☐

Livestock Facilities

OK

Corrective Actions Needed

Doorways and aisles are free of obstructions and sharp projections.

☐

Ceilings are 8 - 12 feet and door frames are at least 8 ft. high with a minimum width of 4 feet.

☐

Windows are inaccessible to horses and livestock, covered with bars or screening and made of safety glass.

☐

Water sources are grounded to prevent accidental electrical shock.

☐

Cross-ties and other tying areas with safety release snaps are provided.

☐

Grooming and wash stalls are in open areas; clean and well-drained to prevent wet and/or icy barn floors.

☐

Hay is stored away from heat and electrical sources, and in a separate building from where livestock and horses are housed.

☐

Hay and bedding are stacked so as not to fall on top of anyone.

☐

Tack rooms have adequate racks and storage areas to keep equipment off the floor and out of the path of traffic.

☐

Turnout paddocks and pasture fencing is 4 - 6 feet in height and free of protrusions.

☐

Gates are at least 4 feet wide, swing freely and have no sharp edges or corners.

☐

Ponds, irrigation and open drainage ditches are fenced.

☐

Personal Protective Equipment

OK

Corrective Actions Needed

Safety glasses available at all grinders and other sources of eye hazards.

☐

Arc welding helmets and welding goggles are in good condition and fitted with the appropriate lenses.

☐

Respirators are available for dusty tasks such as sanding.

☐

Face shields are available for every power tool.

☐

Hard hats are available for construction activities.

☐

Wash-up area provided.

☐

First aid kit available and maintained.

☐

Shop

All fuses and circuit breakers are clearly identified.

☐

Floors are clean and free of grease and tripping hazards.

☐

No flammable waste.

☐

Air used for cleaning is regulated to not more than 35 psi.

☐

Stacked materials secured against falling.

☐

Adequate ventilation is provided.

☐

Load capacity plainly marked on each lifting device.

☐

Safety hooks used on all chains.

☐

Jack stands available. (no concrete blocks)

☐

| Shop Tools | OK | Corrective Actions Needed |
|--|--------------------------|---------------------------|
| 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"/> | |

Portable Augers and Elevators

OK

Corrective Actions Needed

All belts and chains are properly shielded.

☐

Auger inlet is shielded to prevent contact with
flighting.

☐

Winch is in good working order and equipped to
prevent "freewheeling".

☐

Winch cable is free of corrosion or damage.

☐

PTO operated components are properly shielded.

☐

No overhead power lines are located near where
portable augers or elevators are commonly used.

☐

Fields and Roadways

Fields are free of stumps, large rocks, or other
obstacles to cropping operations.

☐

Large immovable obstacles are flagged or well
marked for visibility, even in tall crops.

☐

Buffer zones along drainage ditches give tractors
or combines ample turning room.

☐

Low branches of trees are trimmed to allow
machinery to pass underneath.

☐

There is clear vision in both directions as you
enter the highway from the farm driveway.

☐

The driveway entrance is wide enough to permit
entering or exiting without swinging truck, tractor,
or combine into opposite lane of traffic.

☐

The corners of all intersections on farm are kept
clear of tall crops which might block vision of
drivers on the road.

☐

| Problem/Hazard | Proposed Solution | Difficulty |
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| Solution or Corrective Action to be Taken | Priority Rank | Target Date |
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| Problem/Hazard | Proposed Solution | Difficulty |
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