|  |
| --- |
| **Consequences** |
|  | **Extreme***Death or permanent disability* | **Major***Serious bodily injury* | **Moderate***Medical treatment and time away from work may be required\** | **Minor***First aid, no lost time* |
| **Likelihood** |
| **Very likely***Could happen frequently* | 1 | 2 | 3 | 4 |
| **Likely***Could happen occasionally* | 2 | 3 | 4 | 5 |
| **Unlikely***Could happen, but rare* | 3 | 4 | 5 | 6 |
| **Very unlikely***Could happen, but likely never will* | 4 | 5 | 6 | 7 |

**\*** Don’t underestimate “moderate” consequences. They could be very important — give them serious consideration.

**The scores (1 – 7) indicate how important it is to do something about each risk**

|  |  |  |
| --- | --- | --- |
| **1, 2, 3** | **HIGH** | Do something about these immediately |
| **4,5** | **MODERATE** | Do something about these risks as soon as possible |
| **6,7** | **LOW** | These risks may not need immediate attention |

**Factors to consider when determining:**

|  |  |
| --- | --- |
| **Likelihood** | **Consequences** |
| Number of times a situation occurs | Potential for chain reaction |
| Number of people exposed and duration | Substance concentration |
| Skills/experience of persons exposed | Material volume |
| Position of the hazard relative to people and other hazards | Speed of projectiles or moving parts |
| Special characteristics of workers that may affect the likelihood of an incident | Height of worker or lanyard |
| Quantities of materials or point of exposure | Worker position relative to the hazard |
| Environmental conditions | Weight of worker or hazard |
| Condition of the equipment | Forces and energy level |
| Effectiveness of existing control measures |  |

|  |  |
| --- | --- |
| **Risk Assessment:** | **Farm and Field Work** |
| **Company Name:** |  | **Workplace Location(s):** |  |
| **Prepared by:** |  | **Date:** |  |
| **Workplace Risk Level:** |  |

|  |
| --- |
| **Assessment** |
| **Tasks** | **Hazard(s)** | **Level of Risk** | **Control** |
| **Tractor operation** | Roll over, falls from steps, entanglement in PTO, traffic incidents | **3**Unlikely possible extreme results | * Tractor preshift inspections.
* Supervisor confirms competency.
* Shields and guards in place.
* Travel slowly on roadway and avoid ditches.
 |
| **Front end loader work** | Rollover/tip over/flip | **3**Unlikely possible extreme results | * Competency determined and observed in all operators, travel with bucket low, do not overload bucket.
 |
| **Harvesting**  | Friction fire, entanglement in PTO | **4**Very unlikely but results could be extreme | * Carry fire extinguisher, have fire suppression ability near by.
* Do pre-shift inspections.
* Operate straight up and down steep slopes.
* Ensure ROPS in place and wear seatbelt.
 |
| **Attaching implements, enter or exit tractor** | Falls from tractor ladders. Entanglement in PTO. | **4**Very unlikely but results could be extreme | * Competency for task observed and recorded by supervisor.
* Guards in place, proper footwear, face on face off machinery, clean stairs/steps
 |
| **Fieldwork: harrowing, plowing, tilling etc.** | Rollover/tip over/flip | **4**Very unlikely but results could be extreme | * Supervisor confirms competency.
* Shields and guards in place.
* Travel slowly on roadways, avoid ditches,
 |
| **Additional Notes:** |
| 1. Ensure working alone procedures are followed if working alone.
2. Long hours behind the wheel, micro breaks involving getting out of the tractor can help avoid fatigue related incidents.
3. Report all tractor or implement deficiencies to your supervisor immediately.
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