

TRACTOR SITUATION AWARENESS CHECKLIST

Are you a safe driver?

KEY CHECKS **PRIOR** TO OPERATION

ENVIRONMENT

-  Location of obstacles/obstructions
-  Location of other vehicles  Light level
-  Location of people and animals  Weather
-  Location of power lines  Ground conditions

PERSONAL

-  Health/Illness  Stress level  Fatigue level

STATUS CHECK

-  Oil, fuel, water levels  Tyre pressure
-  Brakes  Position of switches
-  Position of throttle  Lights and indicators
-  Need for maintenance  Faulty parts

TRACTOR PERFORMANCE

-  Stability and balance  Tractor speed
-  Stability and weight of implements
-  Security of tractor load/trailer

SAFETY CHECK

-  PTO guard & safety chains  First aid kit
-  Hitch safety & security  Mobile phone/radio
-  Seatbelt  All items secured in cab

SITUATION AWARENESS IS A KEY SKILL FOR ALL DRIVERS.

This checklist should help you enhance the three levels of situation awareness:

PERCEPTION: Noticing what is going on around you.

COMPREHENSION: Using your training and experience to weigh-up the situation.

ANTICIPATION: Thinking ahead to identify potential problems and act to stay safe.

SITUATION AWARENESS REQUIREMENTS

(what you need to know before you begin work):

- ✓ Environmental conditions
- ✓ Personal status/health
- ✓ Tractor status
- ✓ Tractor performance
- ✓ Mental map of farm
- ✓ Task requirements

TIPS

TALK: Share information with friends, colleagues and family.

PLAN AHEAD: Think about what you need to stay safe.

CHECK: Your surroundings, equipment and yourself.

SITUATION ASSESSMENT:

The following factors are some of the possible issues that could lead to a loss of situation awareness, increasing the risk of accident or injury.

If any of these issues are present tick the **NO-GO** box and **STOP, THINK** and **TAKE ACTION** to resolve the problem or reduce the issue, before you begin work.

Possible actions might include delaying the task, getting more equipment, fixing broken parts, considering alternative actions, getting more information.

	GO AHEAD	NO-GO
VISIBILITY (<i>can you see everything you need to?</i>)		
Vision in tractor cab (<i>dirty windows, poor mirror placement, view blocked</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Environment (<i>darkness, poor visibility due to weather, glare from sun</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Lighting (<i>tractor lights working, poor exterior lighting</i>)	<input type="checkbox"/>	<input type="checkbox"/>
ROUTE / TERRAIN (<i>do you know the hazards?</i>)		
Road travel (<i>tractor not road worthy, high volume of traffic, long journey</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Terrain (<i>don't know terrain well, possibility of hidden obstacles</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Fixed elements (<i>don't know position of fixed objects such as power lines, barriers etc.</i>)	<input type="checkbox"/>	<input type="checkbox"/>
PERSONAL (<i>are you fit to drive?</i>)		
Illness (<i>headache, blurred vision, nausea, medication side-effects</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Fatigue (<i>tiredness, lack of sleep, long hours</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Safety (<i>lack of first aid kit, no phone or radio</i>)	<input type="checkbox"/>	<input type="checkbox"/>
MANAGING THE TASK (<i>do you have the time and equipment you need?</i>)		
Distractions (<i>loud music, playing games on phone, stress</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Task management (<i>lack of time, rushing, missing equipment</i>)	<input type="checkbox"/>	<input type="checkbox"/>
Tractor (<i>unfamiliar with vehicle, not used implements before</i>)	<input type="checkbox"/>	<input type="checkbox"/>

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