

PLANT: Almond Jack Runner Truck

Purpose

To ensure the Almond Jack Runner truck is operated in a safe manner to minimise the risk of injury to the operator.

Hazard Analysis

HAZARDS

- Entanglement with moving parts
- Dust/noise
- Crushing
- Roll over
- Slipping/falling
- Hydraulic fluid or oil spill

RISK CONTROL MEASURES

Wear appropriate PPE, ensure guards are fitted.
 Wear appropriate PPE, ensure cabin door is shut.
 Ensure equipment is turned off, apply handbrake.
 Control worker and visitor movements. Warning sign, light, horn.
 Always use equipment at a speed that will guarantee safe operating on the type of land being worked. Wear appropriate PPE.
 Ensure training has been conducted before operating.
 Wear appropriate PPE, use any steps and handles provided.
 Wear appropriate PPE, access to eye wash station.

WEAR THIS PPE FOR OPERATION OF ALMOND JACK RUNNER TRUCK

- Hearing protection
- Eye protection
- Foot protection
- Hi-Visibility shirt
- Dust mask
- Gloves



PLANT: Almond Jack Runner Truck

Certificates, licences, or training required to operate

- Induction training by Farm Manager or trained operator

Before operating

- Ensure only ONE operator is on the Jack Runner at one time.
- Do not start the engine unless doors and windows are closed.
- Be aware of vehicles, equipment and people at all times.
- Maintain 2-way communication and follow speed limits.
- DO NOT leave the Jack Runner when loading into the elevator.

Pre-start checks

- Ensure all guards, shields and skirts are in place and properly fitted.
- Proceed slowly:
 - to assigned working area
 - on rough or uneven ground
 - when turning
 - when travelling downhill.
- Verify work location with supervisor.
- Cease operation IMMEDIATELY if people approach the work area.
- Check hydraulic connections.
- Check fluid levels (oil, fuel, coolant).
- Check tyres are inflated to correct pressure and all wheel nuts are tight.
- Ensure that UHF is operating (where fitted).

PLANT: Almond Jack Runner Truck

Operation

- Ensure seatbelt is worn while operational.
- ALWAYS stay in the cabin seat when the engine is running.
- Start engine and warm up at idle for 1 minute.
- Use hand throttle to rev engine to ½ revs.
- DO NOT open doors or windows of the cabin.
- Drive to work area as directed.
- Low speed must be used around high traffic areas.

Picking up when at orchard

- Check row is correct and cleared of people.
- Within 25 metres of the pick-up trailer, approach with caution to allow matching speed upon reaching the trigger bar of the trailer.
- Watch the alignment of the bank out cart to the Jack Runner cabin.
- NEVER RAM THE BANK OUT CART when almonds from the harvester cart fill the runner, activate the augers appropriately in line with almond levels.
- When almond flow is slow from the harvester cart wait for build up before pushing almonds back.

Moving rows

- Do not leave augers on if there is little or no product as this will damage the almonds.
- When approaching the row ends, stop 10 metres back from the end and stay there until the pickup/harvester has begun another row.
- When crossing the tracks, the Jack Runner should be disconnected from the bank out cart.
- After establishing that the roadway is clear, emerge at safe speed.
- If you cannot fit the new row being harvested into the Jack Runner, note the row number and then drive to unload.
- Communicate this to the harvester operator when leaving so they know the bin is empty. This gives them a guide to not over fill the cart before your return.
- Always SLOW DOWN when driving through poor visibility areas and when loaded.
- DO NOT drive across narrow headlands when going to or returning from the elevator/bunker/row cart. Where possible, transit on wide headlands when travelling across the orchard and at safe distance from the end of rows.
- Travel at a safe speed and use 2-way radios to communicate with others to let them know the Jack Runner is travelling through the orchard.

PLANT: Almond Jack Runner Truck

Unloading at the elevator

- When travelling to the elevator, approach corners at a safe speed.
- BEWARE OF OTHER TRAFFIC. On approach, ensure the elevator is in the correct position so to obtain the right height and width for the stockpile as directed by your supervisor.
- If the elevator needs to be moved, STOP, and apply park-brake then perform this activity as directed by your supervisor before continuing with the unloading operation.
- Upon approaching the elevator, decrease speed to walking pace. Line up the elevator to approach parallel to the elevator hopper. You must travel as slow as possible to get as close as possible without hitting the side of the elevator hopper until in position to tip the Jack Runner.
- Once in the desired position engage the park brake.
- Open window porthole to access elevator controls.
- DO NOT GET OUT OF JACK RUNNER DURING THIS OPERATION. Switch on elevator. Ensure elevator is operating correctly and is in the correct position.
- Start to lift tipper ensuring it is in the correct position. Take engine to ½ revs during the lifting operation Proceed to lift and watch almond flow to ensure a steady delivery onto the elevator belt.
- Dump almonds in 1/3 to ¼ loads. Excessive tipping or opening action will result in excess almond delivery, which will jam the belt. IF BELT JAMS, IMMEDIATELY STOP THE ELEVATOR & TIPPING PROCESS, and call your supervisor. Continuing to operate the elevator will cause serious damage to the machine.
- Continue to operate until all almonds are removed from the runner bin. Immediately release the lever and drop the revs and steadily lower the runner bin making sure to lower it completely into position.
- Check that the almonds have been emptied from the bin, if not repeat the emptying process.
- Once the elevator hopper is empty, turn elevator off, release the park brake and slowly reverse away from the elevator until clear.
- Always be aware of other runners that could be operating using the same elevator. In dusty conditions, travel at slow speed and lights must be on. Use 2-way radio to communicate with other workers/operators.

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Shut down and parking

- Move to refuelling area. Refuelling to be carried out as required and at the end of each shift for the following shift (reducing condensation in tank).
- Drive to designated parking area travelling at safe speed.
- Always reverse park or park in an area where the plant can be driven forward.
- Park in a designated parking area that is fundamentally stable.
- Let the machine idle down for 1 minute before cooling off.
- Clean out the cab.

Maintenance & Servicing

- At completion of the task, wash down Jack Runner Truck to remove all dirt, mud and dust.
- Notify supervisor/farm manager of any problems or damage.
- Damaged equipment must be tagged with a lockout tag.

Refer to the Owners Operator Manual for full operating procedures.

DO NOT OPERATE IF YOU ARE UNSURE.