

6 – HARVESTING OF TREE FRUIT

“A fork-lift in a trailer” (Preparing fruit cranes for transport to orchard)

Task Description: PL_6a (PL–Poland, 6 – Harvesting of tree fruit, outside, a–male, 55 years, field space 10 ha (9 ha apples, 0,5 ha pears, 0,5 ha plums))

- Manual handling and loading the fruit cranes on a trailer
- Task connected with lifting and moving big objects

Pictures:

AFTER



1.

Comments of the employee:

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | Continuously repetition of the same gestures |
| <input checked="" type="checkbox"/> | Work height not in accordance with work posture |
| <input checked="" type="checkbox"/> | No helping devices available |
| <input checked="" type="checkbox"/> | Loads too heavy, carrying distance too far, too low, ... |

Comments of the employer: motivation regarding solution:

Working in position with hands above shoulders level, load of the upper limbs and lower back

Comments of the employee:

- “When I am moving cranes I feel discomfort in upper limbs”
- “Discomfort in shoulders and lower back increases when I lift cranes from ground level to a trailer”
- “After all day work I feel strong pain in my hands”

MSD risks:

- | | |
|-------------------------------------|---------|
| <input checked="" type="checkbox"/> | Posture |
| <input checked="" type="checkbox"/> | Force |

Exposed areas:

- | | |
|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Neck/shoulder |
| <input checked="" type="checkbox"/> | Arm/wrist |
| <input checked="" type="checkbox"/> | Lower back |

Solutions:

Add a fork-lift as a supporting device for carrying, lifting fruit cranes on a trailer with lift-platform and in a cold storage.

Comments after implementing good practice solution:

- Performing this kind of task involves high load especially in hands and shoulder, due to carrying big and heavy fruit cranes
- In order to decrease load of the shoulder you need to adopt optimal body posture and reduce carrying load, which can be achieved by a fork-lift

Using a fork-lift allows you to keep hands below the shoulder and reduce load of the shoulders