ERGONOMICS ON THE FARM







Ergonomics is the science of designing work to minimize the risk of injury. This includes arranging work areas to promote healthy body positions, using well designed tools, and sitting on supportive seats.

WHAT CAUSES INJURIES ON THE FARM?

Driving a tractor, hauling buckets, hoisting bales, pulling calves, and stooping may be daily occurrences. These actions can result in back pain, tendonitis, and other muscle and joint problems. Back pain among farmers is the most common cause of job related disability.

Poor ergonomics can lead to:

- Backaches
- Shoulder pain
- Hand, wrist, and/or elbow pain
- Muscle ache
- Injuries

Caused by prolonged exposure to physical workload such as:

- Stooped positions
- Carrying heavy loads
- Kneeling often
- Working with raised or outstretched arms
- Repetitive hand and/or wrist motions
- Vibrations from operating machinery

Resolve this by reducing the physical workload:

- Rest periodically when doing physical work
- Alternate between heavy and light work, if possible
- Redesign the job
- Modify tools

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ERGONOMIC-ASSOCIATED INJURY PREVENTION CHECKLIST

 LIFTING AND CARRYING LOADS Avoid lifting from floor or over shoulder height and keep objects close to your body. Hold handles on containers using both arms to balance weight. Avoid lifting objects weighing fifty pounds or more. Use mechanical equipment whenever possible. Use dollies, pallet trucks, or carts to transport heavy items. 			
 HAND WORK Work at or below shoulder height. Work within 17 inches of body. Rotate job to reduce repetition. Standing on floor mats will increase of the standard of the standard	comfort, but may not pre	event an injury.	
POWER HAND TOOLS Use tool handles that allow forefinger Chose hand tools with handles covered by the wrist to the wisk to the wrist to the weak of the wrist to the written wrist to the written written with the wrist to the written written written with the written written written with the written with the written written written with the written written written written with the written written written with the written written written with the written written with the written written written with the written written with the written written written written written with the written writen written written writen written written written	ed with smooth, non-slip stay straight. purchasing those with v		າg.
SHOVELING AND STOOPED WORK Use long handles for stooped work a Sit on a stool when doing stationary of the stooped work intermittently with Use leg and arm muscles instead of be instead of fewer large ones.	work. other tasks and avoid tv	visting.	
VEHICLE USE Choose vehicle seats with lumbar sup Sit using a slightly inclined posture w Maintain three-point contact facing t Shift driving position frequently.	ith full back support.		g.

RESOURCES



UMASH:
Ergonomic Strategies for
Preventing Pain While Farming



Simple Solutions: Ergonomics for Farm Workers