

LISTERIA MONOCYTOGENES
Examples of PREVENTATIVE MEASURES

<p>ANIMALS, FEED & HOUSING</p>	<p>Cows that</p> <ul style="list-style-type: none"> -like lying half in guttering and not on their bedding -lie in mud -have wet, muddy, wrinkly or warty udders -who wade into ponds or rivers to drink -may harbour (carry) the organism (intracellular- inside leukocytes) -Wet soiled bedding -Silage with soil contamination. -Wet windy weather increases incidence
<p>MILKING EQUIP & BULK TANK</p>	<ul style="list-style-type: none"> -Floor splashes into low level outlet pipe connections or changing impellers in pumps. -Contaminated flexi hoses -General or floor utensils used inside tank -Clusters on floor- most dairies have retractable types -Inadequate CIP temperatures, chemical dilutions and contact time -Tank lids open- condensation drips in -Harboured in vacuum seals & perished rubber joints -Cracked tank jackets -Some farmers use the milk from the immediate previous milking or just morning milk only
<p>Bottle Filler or Vending machine cleaning/assembly</p> <p>ENVIRONMENTAL</p> <p>PERSONNEL PRACTICES</p>	<p>Increased risk with wet windy weather blowing into area.</p> <p>Backed up drains or flooding.</p> <p>Cracks in floor or wall/floor junctions –Rain seeping down walls behind plastic panelling.</p> <p>Sink waste emptying on floor.</p> <p>Chiller condensate on floor.</p> <p>Keep milk as chilled as possible to reduce growth, but the aim is to be <i>Listeria</i> free.</p> <p>Bottle cleaning without adequate temperature, detergent or contact time.</p> <p>Using dairy equipment to wash cars at weekend.</p> <p>Buckets and other equip placed on milk contact surfaces, or</p> <p>Using different colour coded buckets, brushes, spanners, etc for retail milk contact.</p> <p>Dragging wet hoses over cleaned milk contact surfaces.</p> <p>Consider dedicated gloves and aprons for this operation</p> <p>Cleaned equipment stored on floor, handled then milk contact surfaces touched.</p> <p>Staff toilet or drain cleaning rota.</p> <p>Pressure hose use: this aerosols the contamination and can cause a problem- not recommended.</p> <p>Using utensils for personal weekend use eg washing the van or car.</p>