

DENSITY TESTING SILAGE FACES OF BUNKS, PITS AND DRIVE OVER PILES



The primary concern when working around the face of a silage face should be safety. RESPECT THE SITUATION.!



The most accurate measurements of packing density will come from corings taken within the top few feet of the silage pile. Samples taken lower are affected by compaction.

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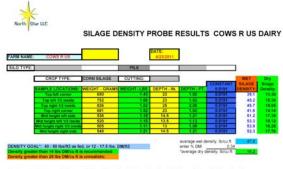
Every face may fall and when it does it can bring tons of silage down and out the distance it is high or more! Use good judgment whenever near the face of any silage.



The coring drill is a standard size so by knowing the depth of the hole and weight of the silage removed from the hole, density can be calculated using a spreadsheet



To measure density of the silage at the face, multiple holes must be drilled and corings removed and weighed. Locations are determined by practicality and safety.



Density goals, should be used only in combination with consideration to the sliage dry matter. In combination with sliage dry matter dry matter density can be used to provide the best estimate of porosity. Porosity is a measure of the ability or inability air or oxygen to penetrate into the slibon mas.

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The silage dry matter, location, weight of material removed and depth of each hole is recorded and entered in the spreadsheet. Both As Fed and DM density per cubic foot are then calculated