

EVALUATION OF THE FEASIBILITY OF APPLYING RUBBER COATING ON DAIRY FARMS

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Abstract. *The paper discusses the advantages and disadvantages of using different materials for decorating the aisles in barns and advisability of using rubber coating for passages in the cattle farms. Livestock on a solid concrete floor provokes a lot of diseases of limbs and joints of animals, so the feasibility of applying rubber coating for passages in the cattle farms are obvious.*

The main criteria that should guide you during the selection is the surface material, which is non-slip and elastic qualities and the ability to recover quickly. In addition, the surface of the material to be pressed through under the hoof of the animal to a depth of at least 3 mm.

The material should also have warranty for at least 5 years and to withstand the pressure of the scraper. If cleaning is carried out by the tractor, it should be clarified how much weight can withstand the specific coating, and to compare it with the weight of the harvesting machine. Besides the bucket of the tractor should protect the bottom rubber pads so as not to break coating does not pull out attachment while cleaning.

Key words: *agricultural production, livestock, floor, manure passage, concrete coating, rubber coating*