
题 目 奶牛养殖移动机器人整体结构设计

摘 要

根据全球经济的发展, 每一个人的生活水平慢慢也高了起来, 对奶产品的需求量慢慢的多了起来。但是关于牛奶生产成本的开始有幅度的增涨, 以及奶价的一直保持低廉, 使得每一个国家的牛奶业发展顶着巨大的压力, 怎么样降低牛奶的生产成本是现在重要的问题, 减少对奶牛的喂养成本以及生产成本。

现如今, 在我国奶牛场里一般对奶牛喂养的方式有两种: 第一种是经过人来对奶牛进行喂养, 第二种是混合饲料进行喂养奶牛。经过时间的验证, 不管是经过人来对奶牛进行喂养还是混合饲料进行喂养, 都需要很高的作业水平, 在每一个地方, 养牛场仅仅通过人工劳动根本无法满足循环饲喂的要求, 如果通过用智能化机器人来进行饲喂, 就可以处理掉这个麻烦。所以, 有必要研发一种智能化的奶牛精确饲养机器人, 代替人去对奶牛进行喂养过程中的再次补料工序, 从而使得奶牛的喂养成本和生产成本进行有幅度的减少。

关键词: 智能化; 奶牛精确饲养机器人; 再次补料。

ABSTRACT

According to the development of the global economy, every people's standard of living is high up slowly, slowly, the demand for dairy products up but more about milk is amplitude is increased, the beginning of the production costs and prices remained low, makes dairy development of every country under the huge pressure, how to reduce the production cost of milk is now the important question, reduce feed cost and production cost of cows.

Today, in our country dairy farm general of cow feeding in one of two ways: the first is a person to feed cows, the second is mixed feed for cattle feed after verification of the time, whether through people to feed cows or mixed feed for feeding, require a high level of operation, in every place, cattle by artificial labor can not only meet the requirements of circular feeding, if by intelligent robot for feeding, can get rid of the trouble Therefore, it is necessary to develop an intelligent robot for precise feeding of cows, which can replace humans to replenish the feeding process of cows, so as to reduce the feeding cost and production cost of cows.

Key words: smart technologies; Cow precise feeding robot; Supplementary food again.

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