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动物生产层

动物生产层内蒙古畜牧精细化气候区划研究刘 洪, 郭文利, 权维俊

摘要:

摘要: 根据内蒙古107个气象站资料, 利用梯度距离平方反比法, 推算出内蒙古自治区千米网格的气候数据。根据内蒙古畜种结构地理分布规律, 确定了内蒙古五类主要放牧家畜地理分布的气候区划指标。利用气候区划指标, 对栅格点气候数据进行分级, 得出内蒙古自治区主要放牧家畜地理分布的区划图, 并分区进行评述。研究结果可为内蒙古畜牧业生产区域合理布局提供科学依据。

关键词: 内蒙古 畜牧区划 气候区划

A study on climatic division of animal husbandry in Inner Mongolia

Abstract:

Abstract: According to the records from 107 meteorological stations in Inner Mongolia and using the gradient inverse square formula, the climatic grid data of 1 km × 1 km were calculated by interpolating under the GIS environment. Based on the distribution characteristics of animal production structure in Inner Mongolia; the climatic regionalization indicators of five major grazing livestock, including horses, cattle, sheep, goat and camel, were identified. Using these climatic regionalization indicators the grades of the five major grazing livestock of each grid were classified and the regionalization thematic maps of the five major grazing livestock were also achieved. Each kind of region was remarked and suggestions for sustainable development of animal production were proposed. This study could provide scientific basis to the adjustment of agricultural structure and the optimal distribution of animal husbandry on grasslands in Inner Mongolia.

Keywords: Inner Mongolia division of animal husbandry climatic division

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