

研究报告

农用地综合生产能力测算及应用研究——以霸州市为例

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摘要:

农用地分等成果为耕地综合生产能力核算提供了新的思路。以霸州市为例,构建农用地综合生产能力的4个层次即自然生产潜力、可获生产潜力、现实生产能力和实际产量及相应的计算方法,并应用核算结果划分了农用地重点保护区域和优先整理区域。通过综合优势模型对各乡镇的农用地综合优势进行定量分析,应用聚类分析将全市13个乡镇划分为4类,并划定农用地重点保护区域和优先整理区域以及各类地今后发展方向。

关键词: 农用地 生产能力 综合优势指数 霸州市

Study on Calculation and Application of the Integrated Productive Capacity of Cultivated Land |——A Case Study of Bazhou City

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Abstract:

The results of cultivated land classification provide a new approach to calculate the integrated productive capacity of cultivated land. Based on the database of cultivated land classification in Bazhou city, in order to evaluate the productive capacity of cultivated land at different levels and to make clear the distribution of the productive capacity, this paper builds up a system for calculating the productive capacity of cultivated land, including natural production potential, accessible production potential, current productivity and actual crop production, and then provides relevant calculation models. Then key protected land regions and priority settlement land regions are divided by applying the results of these calculation modles. A quantitative analysis on comprehensive priorities of various arable lands in each village and town was conducted through these models. By clustering analysis of SPSS, 13 towns are classified into 4 groups, and key protected land regions and priority settlement land regions are rowed up, and each group will have its own development orientation.

Keywords: cultivated land production capacity integrated advantage index Bazhou city

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