

论文

农牧交错区农户作物选择机制研究 ——以内蒙古太仆寺旗为例

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摘要:

市场经济条件下,农户经营不再受食物需求的限制,在种植结构选择方面自由度更大。论文通过农户调查获得数据,运用统计方法从三个方面分析农户作物选择机制:作物本身的投入产出效益、农地地块的差别、农户资源禀赋与家庭特征。研究发现,在劳动力普遍非农务工的背景下,劳动力约束成为农户作物选择的重要影响因素,劳动生产率较高的作物具有明显的比较优势,并且农户倾向于在质量较好的土地上种植这些作物。在农牧交错区,农户种植决策受到养殖业的强烈影响,兼有饲料用途的莜麦得到普遍种植。

关键词: 土地利用 作物选择 似不相关回归(SUR) 农牧交错区 太仆寺旗

An Analysis on Crops Choice and Its Driving Factors in the Agro-Pastoral Ecotone in Northern China—A Case of Household Survey in Taibus County, Inner Mongolia

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Abstract:

With the external socio-economic environment changing, driving factors of crops planting changed basically. After transition to market economy, farmers are no longer limited by food demand in China. Farmers have different choices of crops planting structure. Based on household survey data, this paper analyzes the mechanisms of farmers' crops planting in Agro-Pastoral Ecotone in northern China from three aspects: the benefit of crops, characteristics of farm households, and the differences of land plots. The results show that labor constraints and off-farming income have important impacts on crop planting decision-making due to farmers' wide participation in off-farm works. Farmers opt to choose the crops with high labor productivity (such as oats, benne and wheat), and they usually plant these crops on the land with higher quality. Furthermore, the crops choice is strongly influenced by livestock breeding in the Agro-Pastoral Ecotone. Farmers tend to plant more oats if they bread some livestock because the straw of oats is important forage during the winter.

Keywords: land use crops choice seemingly unrelated regression (SUR) Agro-pastoral Ecotone Taibus County

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