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Valuation of barley agro-ecosystem services in Lhasa-river valley region——A case study of Dazi County

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Agro-ecosystem is very important to our human beings, but the fact is we know veryless about its ecosystem services. So this study selects barley agro-ecosystem of Dazi County in Lhasa-river valley and uses different methods (such as market value ,substitution engineering,shadow price)to calculate its value.The result shows that the total value of barley agro-ecosystem services is 37 249.77×10⁴ yuan;the order of various ecosystem services values is respectively production value16 973.38×10⁴ yuan(45.57%),release of O₂ 10 649.81×10⁴ yuan(28.59%),fixation of CO₂ 7 875.03×10⁴ yuan(21.14%),nutrient circle maintained 1 478.23×10⁴ yuan(3.97%),and water holding 273.32×10⁴ yuan(0.73%).So agro-ecosystem provides great ecological services to its economic productivity,but the production service is its most important service.

【Key Words】 : **Lhasa-river valley agro-ecosystem evaluation of ecosystem services**

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