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Keeping Cattle in the Brazilian Eastern Amazon — Constraints on Improving Smallholder Management

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Exotic large ruminants have been kept on flood plains and riversides of the Brazilian rain forest since the 17th century. Their incursion onto the non-flooded areas is recent. New settlers to the Amazon region were encouraged with financial incentives, particularly during the 1970s, for politico-strategic reasons. Initially, large ranchers were the main beneficiaries of official settlement programmes. Then the droughts in the Northeast and land shortages in the South triggered the migration of poorer people who became smallholders in the North. The new environment was very different from the places they had left. Some of these small farmers started to adopt the cattle keeping activities of the large-scale neighbours. Credit lines were launched supporting the purchase of cattle and the building of fences. In the development agenda, no differentiation was made between smallholders and ranchers. The non-flooded areas were covered by rainforest, which had to be slashed before any cultivation of pastures could start. The re-growth of the secondary vegetation competed with the introduced pasture plants for space and scarce soil nutrients. This paper examines the specific limitations for improvement of cattle production imposed by the smallholders’ overall farming system. For 15 months thirty-seven smallholdings with cattle were visited monthly in order to draw a realistic picture of the whole farm system. Smallholders in the Bragantina study region kept an average of 14 head mostly for beef production, but their main enterprise was cropping: two competing land uses within one system. Whereas ranchers had at their disposal surplus funds to modify the environment, smallholder pastures were established with family labour in competition with economically more important cropping activities. Problems of adequate pasture establishment and maintenance were aggravated by the smallholders’ lack of capital and specialised knowledge. Furthermore, their cattle served mainly as a means of financing, rather than production. Consequently, husbandry was hardly ever being based on long-term planning or on continuous keeping. Sales and purchases of complete herds were observed in a quarter of the farms studied. Therefore, farm advisers need to consider the low-input character of cattle keeping and focus on the prevention of ecological degradation of pasture.

Keywords: Brazilian Amazon, cattle, production conditions, smallholder, systems approach

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Cattle, Deforestation and Development in the Amazon: An Economic, Agronomic and Environmental Perspective. New York: CABI International. Google Scholar. Fujisaka, S., Bell, W., Thomas, N., Hurtado, L., and Crawford, E. 1996. “Rights to Forest Products, Deforestation and Smallholder Income: Evidence from the Western Brazilian Amazon.” World Development 31(11): 1889–1901. CrossRef Google Scholar. Vosti, S.A., Carpentier, C.L., Witcover, J., and Valentim, J.F. 2001. Valuing cattle on mixed smallholdings in the Eastern Amazon. Ecological Economics, Vol. 69, Issue. 4, p. 857. Smallholders play a major role in the expansion of oil palm as a global commodity crop. Yet outside of Southeast Asia, there is limited research on how it impacts smallholder livelihoods. This paper examines how different smallholder modes of production have emerged in the largest oil palm producing region of the Peruvian Amazon, Ucayali, and presents a typology of these arrangements. Results show that there is considerable variation in how smallholders produce oil palm, and in the outcomes associated with different production strategies. Independent production, corporate partnerships, and government assistance programs were viewed positively by smallholders. Does this mean Brazil now controls the phenomenon? Answering this question is a complex task because deforestation unfolds through several dimensions: economic (what are the rationales behind deforestation), social (access to land, land conflicts), environmental (impacts on climate, local or global effects, biodiversity) and geopolitical (the role of Brazil in international negotiations on climate and GES emissions). The enormous size of the Amazon rainforest adds to this complexity, as the issues at stake are not necessarily the same throughout the region. Despite this complexity, we will pro I'll be giving a copy to each member of our management team next. I'm giving it to a potential business partner. I've read it once on Audible, and I bought a Kindle version so I can go through it line by line and make notes and action plans based on what's in it. This book may be a little dry for someone without experience in the types of problems explored, but I can tell you from experience that investing the effort at the very young stages of your business (<$50,000 in sales) will make the process of reaching $250,000 in sales less overwhelming.