

Regional Economic Analysis of Beef Cattle Business in the Eastern Region of West Java Province

F.D Perwitasari^{1,2}, B. Suhartanto³, N. Ngadiyono⁴, T.A. Kusumastuti², A. R. S. Putra², B. Suwignyo³, and R. Widiati²

¹Muhammadiyah Cirebon University, Jl. Fatahila no 40 Watubelah Sumber Sub-District Cirebon Regency-Indonesia

²Department of Livestock Socio-Economic, Faculty of Animal Science, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia

³Department of Animal Nutrition and Feed Science, Faculty of Animal Science, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia

⁴Department of Livestock Production Laboratory of Beef Cattle, Faculty of Animal Science, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia

Email: : *rini_w@ugm.ac.id*

Abstract. The productivity of beef cattle in Indonesia is still lacking to meet the demand for beef in the community. One of the factors for the low productivity of cattle is the lack of research or information regarding the designation for the development of livestock areas, especially in the eastern region of West Java Province, Four Regency (Ciamis, Cirebon, Majalengka, and Indramayu). Research the aimed to identify priority areas in the four districts for beef cattle growth and development in comparative and competitive analysis. The sustainable development of beef cattle business areas was analyzed through the determination of superior products (shift-share analysis and LQ (Location Question) analysis, as well as analysis of the area's carrying capacity potential and forage carrying capacity index). The results show that four regencies have safe CCI. Competitive advantages, and comparative advantages, the West Java Provincial Government should give Ciamis Regency and Indramayu Regency priority as a foundation for developing the beef cattle industry. The Regional Government of the West Java Province expanded the population of cattle not only in terms of output but also had to start to open prospective and conservative land for the growth of grass by using forest areas for grass agriculture.

Key Words : Shift Share analysis, LQ analysis, CC dan CCI