

論文審査の要旨
Summary of Dissertation Review

博士の専攻分野の名称 Degree	博 士 (農学)	氏名 Author	RONI YULIANTO
学位授与の要件	学位規則第4条第①・2項該当		
論 文 題 目 Title of Dissertation	Analyses of Grazing Land Dominating Cattle Feed Plants		
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〔論文審査の要旨〕 Summary of Dissertation Review			
<p>The present research was conducted to examine (i) the abundance of plant species as cattle feed in Setouchi, Hiroshima, (ii) productivity of plant species including plant height, species number, percentage of cover range, diversity and evenness indexes, and (iii) dominant plant species which can adapt in spring and summer seasons and can be used for conservation and increased the productivity of cattle feed in grazing area.</p> <p>This study observed that the diversity of plant species in Setouchi, Hiroshima consisted of 32 and 21 species in spring and summer, respectively. The frequency of plant species was high in spring because the growth phase and plant species could adapt to cold weather, whereas the frequency decreased in summer because some plant species could not adapt to extreme temperature. There were three plant species, including <i>Trifolium repens</i>, <i>Paspalum dilatatum</i> and <i>Paspalum notatum</i> were found as dominant species. They showed promising contribution and increased productivity and availability for cattle feed in the grazing area.</p> <p>The observation of grazing area can be used to identify plant species, vegetation cover rate, productivity, and dominant plant species. The mixed combination of dominant plant species could increase productivity and balance of nutrition in grazing area.</p> <p>The examined committee agreed that the applicant is fully qualified to be awarded the degree of Doctor of Agriculture.</p>			