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| **Item name** | Thesis |
| **Bibliography** | Bannik, Alphonse Kapuma (1985) A study of crossbreeding and inter mating of droughtmaster and Javanese zebu breeds of beef cattle, - , 91 pages, University of Papua New Guinea, Faculty of Agriculture, Port Moresby |
| **Associated conference** |  |
| **Abstract / Content summary** | The study was conducted at the Pastoral Research Centre, Erap (Lat. 06.22 S, Long. 146.41 E, Altitude 100), Morobe Province, during 1977 to 1982, using 2-4 year old Javanese Zebu and Droughtmaster heifers. The study involved 80 breeders in all, 40 from each respective dam breed plus 4 bulls, 2 from each sire breeb. The sires were replaced at the end of their 2nd year of service to minize inbreeding. The experimental design allowed for pure breeding and the production of reciprocal crossbreds between the 2 breeds, so that there were 4 breeding groups with 20 cows in each group on a continuous mating system and subjected to rotational grazing within the 200 hectare study area. Dta are presented on body weight at birth, weaning, age at first calving and calving interval of JZ, DM AND reciprocal crossbreds, e.g. JZ x DM and DM x JZ. Since the data had unequal and disprotionate subclass frequncies, causing nonorthogonality of effects, the least - squares procedure of fiting constants was used to study the analysis of the data [Original introduction] |
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