

G E N E R A L   I N T R O D U C T I O N .

This paper deals in three parts with the preliminary investigations of a wide, long term, research programme undertaken at the Imperial College of Tropical Agriculture, to investigate and attempt to clarify the problem of degeneration, and growth retardation which has been reputed to take place in crosses between Bos taurus and Bos indicus in Trinidad. Part I covers a study and definition of the growth rates of cross-bred dairy calves. Haematological standards for these animals are established in Part II, and Part III deals with the determination of the extent of normal variations in the body temperature of tropical dairy calves.