

that no tuberculosis has existed in the departmental stock during the past ten years.

The Leucosis, which is at present causing losses in stock and revenue, is due to a virus which may be soil borne on the range or carried in the housing used by the infested stock, or hereditary, being transmitted from bird to bird in the flocks. The disease takes various forms of attack. It may be carried in the blood vascular system, causing degeneration of such organs as the liver and spleen, or causing tumourous growths in various organs of the body. It may also affect the nerves or bones of the body, causing paralytic conditions in the legs or wings.

Departmental Activities in Relation to Possible
Disease Spread.

The character of the work being carried on by the department in relation to general agriculture throughout the Province is such that diseases may be easily carried to the department either by persons visiting it for advice and flock inspection; by the assistants through carrying flock work among flocks in the province; by the introduction of new stock; or by specimen birds forwarded to the department for advice re disease or management problems. Through the fact that many avenues of transmission of disease are open in a public institution it is often impossible to trace the possible source of the infestations occurring from time to time.

The policy of the department has been to organize and plan the housing of the stock so as to grow it in as healthy a condition as is possible under the existing conditions and with the available equipment.