

ANIMAL PATHOLOGY.

Diagnostic Work:

The laboratory facilities provided by this department have become increasingly popular. During the past year material has been received from the Maritime Provinces, Quebec and Ontario, and has been forwarded by veterinarians, agricultural officials and live stock owners. The materials were taken from all classes of domestic animals, poultry and fur-bearing animals, and have necessitated autopsy, bacteriological, histo-pathological and transmission studies.

The Serological Work as a part of the diagnostic service has increased over 100% during the year. The diagnosis of the diseases known as "Bang's abortion disease" of cattle, "pullorum disease" of fowls, and abortion disease of horses have supplied the bulk of the serological work.

Autopsies:

Post mortem examination of poultry, cattle, horses, pigs, sheep and fur-bearing animals has been conducted for diagnostic purposes.

Preparation of Biological Products:

Fowl pox vaccine has been manufactured and supplied to poultry farmers. During the year over 12,000 doses of the vaccine have been dispensed. Reports received indicate that the use of this vaccine served to protect fowls against the disease and therefore prevented enormous losses among flocks where the disease was known to have existed. Bacterins and vaccines (autogenous) have been prepared for special cases.