

## CONCLUSIONES

Los resultados obtenidos del presente estudio nos permitieron primeramente establecer que existe la presencia inmunológica de anticuerpos en el ganado bovino del Noreste de México (Coahuila, Nuevo León y Tamaulipas) producidos en contra de los antígenos pertenecientes al Protozooario *Neospora caninum*, agente causal de la denominada enfermedad de la Neosporosis. Cabe mencionar que fue encontrada tal evidencia serológica tanto en ganado lechero como de carne. Asimismo se reconfirmó que todavía existe la presencia serológica de otras enfermedades de importancia reproductiva y económica como la Brucelosis y la Infección por el Virus de la Leucosis Bovina en niveles por arriba de los esperados.

Las conclusiones sobre Neosporosis son las siguientes:

- ✓ La seroprevalencia en bovinos de la zona Noreste de México es de 36%.
- ✓ Los Estados más afectados fueron Coahuila con 45% de prevalencia, seguido por Nuevo León con 40% y el menos afectado fue Tamaulipas con 16%.
- ✓ La seroprevalencia por municipio estudiado varió desde 0 hasta 78%.
- ✓ Los bovinos destinados a la producción de leche resultaron más afectados con 39% que los destinados a la producción de carne con 10%.
- ✓ La raza Holstein-Friesian con 40% de prevalencia resultó la más afectada y las menos afectadas fueron las razas Charolais con 10% y Criollo con 0.

**Las conclusiones con respecto a Leucosis son las siguientes:**

- ✓ La seroprevalencia en bovinos lecheros de la zona Noreste de México es de 35%.
- ✓ El Estado más afectado fue Nuevo León con 52% y los menos afectados son Coahuila con 35% y Tamaulipas con 18%.
- ✓ La seroprevalencia por Municipio estudiado varió desde 0 hasta 100%.
- ✓ La raza Holstein-Friesian resultó ser la más afectada con 36% de prevalencia, mientras que los bovinos Criollos resultaron ser la más baja con 0.

**Las conclusiones con respecto a Brucelosis son las siguientes:**

- ✓ La seroprevalencia en bovinos lecheros de la zona Noreste de México es de 4.3%.
- ✓ El Estado más afectado fue Nuevo León con 6% y los menos afectados fueron Coahuila con 5% y Tamaulipas con 2%.
- ✓ La seroprevalencia por Municipio estudiado varió desde 0 hasta 40%.
- ✓ La raza Holstein-Friesian resultó ser la más afectada con 4.3% de prevalencia que los bovinos Criollos donde la prevalencia fue de 0.

Tales datos nos indican que existen fallas en los programas de manejo para el ganado, tanto de leche como para el de carne, por lo que hay que reforzar los conocimientos y esfuerzos en materia zoonosanitaria para los veterinarios encargados de dichas instalaciones. Esto se pudiese lograr con las campañas de control y erradicación de las enfermedades en las diversas ganaderías en las

zonas afectadas para tener mejores condiciones ambientales, reconocer los factores de riesgo y alcanzar más altos niveles de producción.

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