# TAPEWORM CYSTS *(CYSTICERCUS BOVIS)* IN CATTLE DISPOSITION DECISION TREE

Are there any tapeworm cysts of *Cysticercus bovis* in any of the usual inspection sites (heart, diaphragm and its pillars, muscles of mastication (cheek muscles), esophagus, tongue, and any muscles exposed during normal dressing operations?

*Do I need to submit samples to the lab to decide?*
*If so, what samples should I submit?*

**No** → Pass carcass and parts

**Yes** → Is the carcass musculature edematous or discolored?

- **Yes** → Condemn Carcass and parts
- **No** → Are at least two of the following sites affected?

(Heart, diaphragm and pillars, muscles of mastication, esophagus, tongue, or muscles exposed during normal dressing procedures)

- **Yes** → Perform Expanded PM procedure
- **No** → Retain and Pass for refrigeration or heating after removal and condemnation of lesions with surrounding tissues. Condemn any affected edible viscera or offal.

Were more tapeworm cysts found in at least two of the following sites when the Expanded PM procedure was performed?

*Site 1- An incision is made into each round exposing the musculature in cross section.*
*Site 2- A transverse incision into each forelimb commencing 2 or 3 inches above the point of the olecranon and extending to the humerus.*

- **Yes** → Condemn the carcass and parts as extensively infested
- **No** → Retain and Pass for refrigeration or heating after removal and condemnation of lesions with surrounding tissues. Condemn any affected edible viscera or offal.