Bovine chronic ill thrift/weight loss diagnostic panel work-up

Common differential list:

- Bacteria: *Salmonella spp., Mycobacterium avium* subsp*. paratuberculosis (*Johne's disease*)*
- Parasites: *Eimeria* spp., GI nematodes
- Neoplastic: Bovine leukosis virus (BLV)
- Nutritional

Samples to submit (fresh and fixed)

- ☐ Small intestines: duodenum, jejunum, ileum (2-3 segments/each)
- ☐ Cecum
- ☐ Colon
- ☐ Abomasum, rumen, ruminal contents
- ☐ Kidney
- ☐ Liver
- ☐ Spleen
- ☐ Mesenteric lymph node
- ☐ Lung
- ☐ Adrenal gland
- ☐ Bone marrow from diaphysis (or femur)
- ☐ Heart
- ☐ Uterus (if female)
- ☐ Any additional gross lesions

Standard tests run at the laboratory (included in the general investigation)

- ☐ Histopathology
- ☐ Enteric culture
- ☐ Fecal flotation

Additional tests (check website for preferred samples and current prices)

- ☐ Johne's PCR
- ☐ Trace mineral analysis
- ☐ Bone marrow fat percentage