DROUGHT HEALTH PROBLEMS IN BEEF CATTLE
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THIN CATTLE
• Malnutrition/Starvation
• Range Ketosis – Hypoglycemia
  – Thin, nursing cows/stress
• Grain Aflatoxin Poisoning
  – Corn, Sorghum Stressed
  – > 400 PPB
• Lumpy Jaw/Woody Tongue
  – Irritated Mouth/Tongue

DEHYDRATED CATTLE
• High Salinity Tanks
  – > 10,000 PPM
  – Reduced Water Intake
  – High Salt Intake (Neurological Signs)

STRESSED CATTLE
• Heat, Malnutrition, Dehydration
  – Low Fertility
  – Low Milk Production
  – Abortion
  – Dystocia
  – Retained Afterbirth
  – Uterine Prolapse
  – Immunosuppressed

SICK CATTLE
• Stress
  – Immunosuppressed
  – Germ Recrudescence
  – Germ Shedding
  – Low Immunity
  – Low Response to Vaccines
  – Contact Exposures
DOWNER/DEAD CATTLE

• Malnutrition
• Foot Founder (Laminitis)
  — Front Feet
• Polio (Polioencephalomalacia)
  — Low protein, low roughage, and high sulfate diet
  — Confined and fed a grain diet without roughage
  — Downer cow attempts to stand
  — Ankles remain flexed or knuckled over
• Grain Aflatoxin Poisoning
  — Corn, Sorghum Stressed
  — > 600 PPB
• Plant Nitrate Poisoning
  — Corn, Sorghum, Johnson Stressed
  — > 1%
• Plant Cyanide Poisoning
  — Sorghum, Johnson Stressed
• Poisonous Plants
• Blackleg Group (Soil-Borne/Recrudescence)
• Anthrax (Soil-Borne)

DEAD CATTLE AFTER RAINS

• Plant Cyanide Poisoning
  — Sorghum, Johnson New Growth
• Fog Fever (Pulmonary Emphysema and Edema)
  — Toxic reaction in the lungs
  — Lush, green grass in spring or fall
• Blackleg Group (Soil-Borne/Recrudescence)
• Anthrax (Soil-Borne)

PURCHASED CATTLE/CARRIERS FOR RESTOCKING

• Johne’s Disease (Cow/Bull)
• Neosporosis (Cow)
• Vibriosis (Bull)
• Trich (Bull)