

**AG. BUSINESS  
DAIRY ENTERPRISE**

- lack of appetite
- rapid breathing
- convulsions, coma, death

**b. Causes**

- cows put on lush pasture in cool weather

**c. Prevention**

- rations should contain sufficient magnesium
- never pasture cows when they're hungry!

**4. forage changes - different feeds in silo of many maturities**

- a. in a bad forage year low amounts of forage is put in silo at a time. This not only causes too often changed forages , but also increases mold possibility.

**IV. Evaluating Roughages for Quality(2 methods)**

**A. Crude Fiber Method**

1. divides plant carbohydrates into two fractions
  - a. crude fiber
  - b. nitrogen free extract(N.F.E.)

**B. Acid Detergent Fiber Method(A.D.F.)**

1. much more accurate than crude fiber because measures lignon and cellulose present
2. usually higher than crude fiber levels