

Name: _____

Nutrition

Chapter 5, Dairy Resource Handbook

Name all six "Essential Nutrients" for dairy animals.

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____

True or False _____ A Lactating Dairy cow can drink 80-90 gallons of water per day.

Name the four compartments of a dairy cow's stomach.

- 1) _____
- 2) _____
- 3) _____
- 4) _____

Describe why a dairy animal and the rumen microbes need a "symbiotic relationship".

Name two major minerals that are necessary for milk production.

1) _____

2) _____

True or False _____ “Papilliae” are projections from the rumen wall where absorption takes place.

Referring to the Vitamin section, please list the “water-soluble” Vitamins.

What feedstuff is considered to be the “foundation” of the cow’s diet?

When a dairy farmer gives a cow a large magnet, what stomach compartment does it go into? Why is giving a magnet a good idea?

Explain why “Colostrum” is the first and most important feed for the newborn dairy calf.

How soon does Colostrum need to be given after birth, and how many pounds are recommended?

How old should a dairy calf be before you “wean” it from milk?

How many pounds of calf starter should the calf be eating before you can wean it?

A cow should be “dry” for _____ days before she has a calf and starts lactating again.

What is the CP% (Crude Protein) requirement of a large breed dairy cow producing 100 pounds of milk in mid-lactation?