

VMD 413. Veterinary Food Safety — Spring, 2007
Second Practice Quiz (20 total points, 2 per question)

1. In what form do bacterial pathogens of humans tend to persist in soil?
spores
2. Name a zoonotic agent, other than *E. coli* O157:H7, that has apparently been transmitted to human foods via manure.
Cryptosporidium, Listeria, Salmonella
3. What principle, applied by Nurmi to chickens, is supposed to be involved in the action of probiotics in humans?
competitive exclusion
4. What zoonosis, occurring on-farm here in California, led to culling ~3,000 cattle in 2002?
***Mycobacterium bovis*, bovine tuberculosis**
5. What was the alleged vehicle in the perceived epidemic of *Salmonella* Enteritidis Phage type 4 in southern California in the mid-1990s?
eggs
6. Name two groups of foodborne pathogens that cannot multiply in food.
helminths, parasites, protozoa, viruses
7. Which is the only one of our foods that is naturally alkaline?
egg white
8. Which group of microbes will grow under the most acid conditions in foods?
molds
9. How does USDA classify *E. coli* O157:H7 found in raw ground beef?
illegal adulterant
10. What is the clinical term for kidney failure caused by *E. coli* O157:H7?
hemolytic uremic syndrome