

---

**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?
2. Name a zoonotic agent, other than *E. coli* O157:H7, that has apparently been transmitted to human foods via manure.
3. What principle, applied by Nurmi to chickens, is supposed to be involved in the action of probiotics in humans?
4. What zoonosis, occurring on-farm here in California, led to culling ~3,000 cattle in 2002?
5. What was the alleged vehicle in the perceived epidemic of *Salmonella* Enteritidis Phage type 4 in southern California in the mid-1990s?
6. Name two groups of foodborne pathogens that cannot multiply in food.
7. Which is the only one of our foods that is naturally alkaline?
8. Which group of microbes will grow under the most acid conditions in foods?
9. How does USDA classify *E. coli* O157:H7 found in raw ground beef?
10. What is the clinical term for kidney failure caused by *E. coli* O157:H7?