

# REDUCING EXPOSURE TO PATHOGENS

## 1. Selecting measures for newborn calves

- Collecting and feeding clean colostrum
- Dipping navels
- Keeping calves away from adult cow manure
- Keeping calves away from airborne pathogens

## 2. Selecting measures for preweaned calves

- Feeding clean milk replacer or milk
- Keeping adult cow manure away from calves including:
  - \*Calfcare personnel
  - \*Other farm employees
  - \*Veterinarians
  - \*Consultants
  - \*Suppliers
  - \*Equipment such as skidsteer loaders, tractors, manure spreaders
- Keeping calves away from calf manure including:
  - \*Clean pens or hutches
  - \*Clean bedding
  - \*Standing water
- Preventing calf-to-calf contact
- Providing low pathogen air by good ventilation

## 3. Selecting biosecurity measures for calfcare personnel (zoonotic disease prevention)

- Cryptosporidia
- Salmonella
- Ringworm

See also at [www.atticacows.com](http://www.atticacows.com) in the Calf Facts section the resource, "Managing Calfhod Diseases: HAACP Application."