



## **Pork Producers Know Biosecurity**

**John H Kirk**

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Pork producers have been concerned about biosecurity for a long time. They have worked out effective and doable ways to ensure the safety of their pigs from outside diseases.

Dairy producers can benefit from looking at what the pork producers are doing. I've adapted this article from one of their publications "Biosecurity – Guide for Pork Producers" They suggest two main strategies – use of isolation facilities and prevention of indirect entrance.

This guide for pork producers reminds us that the entire biosecurity program is only as good as the weakest point. Therefore, based on our current knowledge, a response that is "unacceptable" indicates a high risk of introduction of new pathogens even though other responses in a particular area are all "Excellent."

"Questionable" responses also indicate an area of higher risk, and dairymen should be aware of these risks and, where possible, promote more cautious practices to prevent pathogens from entering the dairy. All "Questionable" responses should be discussed with your herd veterinarian for safeguard strategies that might be applicable.

The pork industry has set high standards. Applying these standards surely will raise the bar for the dairy industry. Any dairyman adopting these biosecurity standards can greatly reduce the risk of introducing a new pathogen to the animals currently on the dairy. To view the entire guidelines visit [www.porkboard.org](http://www.porkboard.org).

### **Isolation facilities**

#### **Do you have an isolation facility for new cattle?**

Yes – Good

No – Unacceptable

#### **Is the Isolation facility located ...**

100 yards from other cattle – Questionable

Greater than 100 yards from other cattle – Adequate

More than half a mile from other cattle – Excellent

**Is animal flow through the isolation facility ...**

Continuous flow through the facility – Unacceptable

All in/ all out without cleaning between groups – Questionable

All in / all out with cleaning between group – Excellent

**Is the duration of stay in isolation ....**

Less than 14 days – Unacceptable

15 – 30 days – Adequate

Greater than 31 days – Excellent

**Do people working in isolation ....**

Go back and forth to non isolation areas – Unacceptable

Change clothes and boots before working with other animals – Questionable

Work with other animals after an overnight without contact – Adequate

Work only in isolation areas with no other animal contact – Excellent

**Source of herd replacements**

No communication with source herd – Unacceptable

Preshipment communication with source herd – Adequate

Written source herd health information – Excellent

**Monitoring of cattle in isolation**

Blood testing for diseases only – Questionable

Monitored daily for clinical signs of disease only – Questionable

Cultured for infectious diseases only – Questionable

Blood tested, monitored, and cultured – Excellent

Sick or dying animals receive no diagnostic workup – Questionable

**Monitoring for specific diseases**

Only clinical cases – Questionable

Some animals in each group – Questionable

All statistically valid samples – Adequate

All animals – Excellent

**Monitoring schedule of incoming cattle**

Only upon arrival – Questionable

Once about 14 days after arrival – Questionable

All statistically valid samples – Adequate

All animals – Excellent

### **Test result and interpretation**

Results confirmed by phone – Questionable

Results confirmed by paper or electronic means – Excellent

Replacements moved before results reported – Unacceptable

Replacements not moved before results confirmed by vet – Excellent

### **Prevention of indirect entrance**

Distance from public road

Less than 200 yards – Questionable

200 – 500 yards – Adequate

Greater than 500 yards – Excellent

### **Deterrents to entrance**

Biosecurity signs at entrance – Questionable

No perimeter fence or gated driveways – Questionable

No perimeter fence; driveways gated; not locked – Questionable

No perimeter fence; driveways gated and locked – Adequate

Buildings are secured with locks - Adequate

An occupied residence exists on site – Excellent

Perimeter fence with driveways gated and locked – Excellent

### **Pest /wildlife control programs**

No pest control program – Questionable

Pest control done by producers – Adequate

Pest control done by professionals - Excellent

Dogs, cats and wildlife have access to feeds – Unacceptable

Nesting and roosting sites minimised – Adequate

Feed spills cleaned up daily – Adequate

### **Feed and feed delivery**

Feed and truck dirty upon arrival (inside cab, outside) – Unacceptable

Drivers wear clean overalls and boots – Adequate

Driver enters animal housing areas – Unacceptable

Feed truck and driver remain outside dairy perimeter – Excellent

Feed mixed on dairy and deliver on dedicated trucks – Excellent

Front-end loaders used only for feed mixing – Excellent

Producer familiar with feed mill biosecurity plan – Excellent

Feed delivery trucks crossing animal walkways – Unacceptable

### **Animal hauliers**

Trucks/trailers not washed and disinfected after each load – Unacceptable

Trucks /trailer not inspected by dairyman before loading – Unacceptable

Trucks/trailer inspected prior to entry on dairy\* - Excellent

Drivers wear dirty coveralls or boots – Unacceptable

Drivers wear clean coveralls and boots – Adequate

Drivers enter cattle housing areas – Unacceptable

Dairy has a perimeter transfer station – Excellent

### **\*Dirty trucks should be rejected**

### **Employees**

Workers have routine contact with other cattle – Unacceptable

Workers bring “international” food on dairy – Unacceptable

Workers are trained about risks of contact on foods – Excellent

Provided protective clothing and boots – Excellent

Workers in “high risk areas”

Restricted to activities within high risk areas – Excellent

Change clothes and boots before leaving areas – Adequate

Only wash boots before leaving areas – Unacceptable

Move freely about the dairy – Unacceptable

Receive training in biosecurity – Excellent

Alert supervisor when unknown people seen on dairy – Excellent

### **Visitors**

Visitors must sign in upon arrival – Excellent

Visitors wear their own clothing – Unacceptable

Visitors wear protective clothing provided by dairy – Excellent

Visitors permitted to drive within dairy – Unacceptable

Visitors park in designated areas on dairy – Adequate

Visitors park outside perimeter of dairy – Excellent

International visitors been in UK for at least five days – Adequate

**Carcass removal**

Carcasses removed daily – Excellent

Carcasses protected from access by dogs or wildlife – Adequate

Renderers pick up carcasses at perimeter transfer point – Excellent

Renderers drive onto dairy – Unacceptable

Designated equipment used to handle dead animals – Excellent

Equipment cleaned and disinfected routinely – Adequate

*The author is an extension veterinarian at the School of Veterinary Medicine, University of California-Davis, Tulare, California.*

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