

Fresh New Ideas in Farrowing Management



Compost-A-Mat[®] Farrowing Mats



A bright, clean, inviting place for piglets to sleep

Contents of the Compost-A-Mat[®] Farrowing Mat

- Cornstalks and wood products



Compost-A-Mat[®] Advantages



- Pathogen-free
- Biodegradable
- Excellent source of feedback material
 - Unbred gilts
 - Prefarrowing sows
- Promotes piglet comfort

Compost-A-Mat[®] Advantages

- Lightweight, easy to handle
- Promotes excellent hygiene
- No washing / disinfecting



Are the mats comfortable?

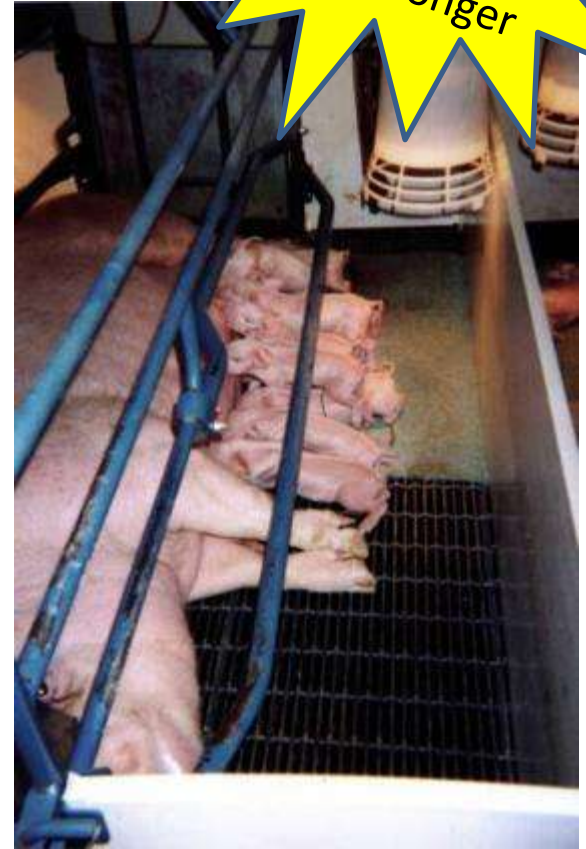
- Yes!
 - Soft to lay on
 - Absorbs heat from heat lamp
 - Compost-A-Mat[®] will draw young pigs to it



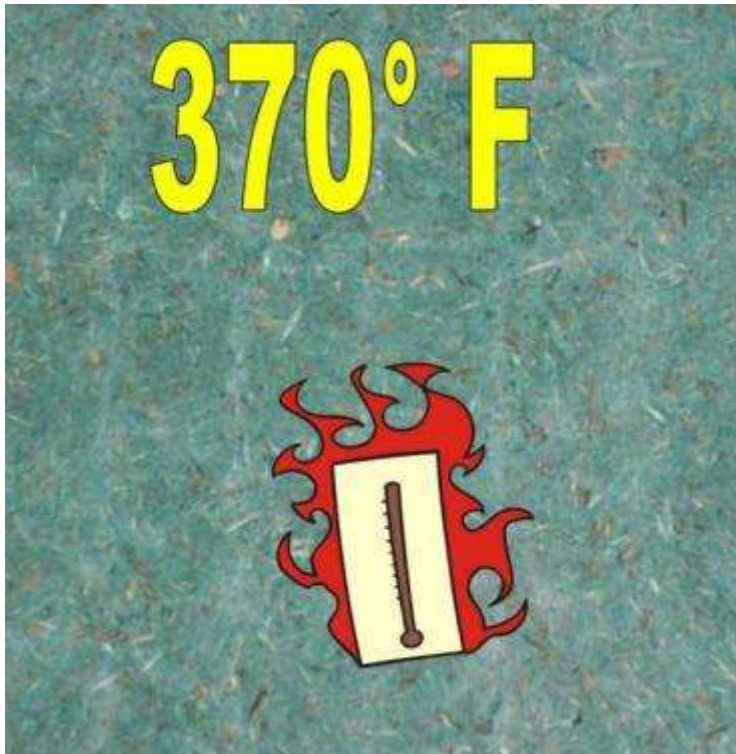
How long do the mats last?

- Compost-A-Mat[®] has been improved and is now 46% stronger
 - The mats should last 10 and 19 days

New and Improved!
46% Stronger



Can the mats harbor outside diseases that I could bring into my barn?



- Processing temperatures exceed 370°F
 - Enough to kill disease organisms in the cornstalks and wood
- Tested and found free of swine specific pathogens

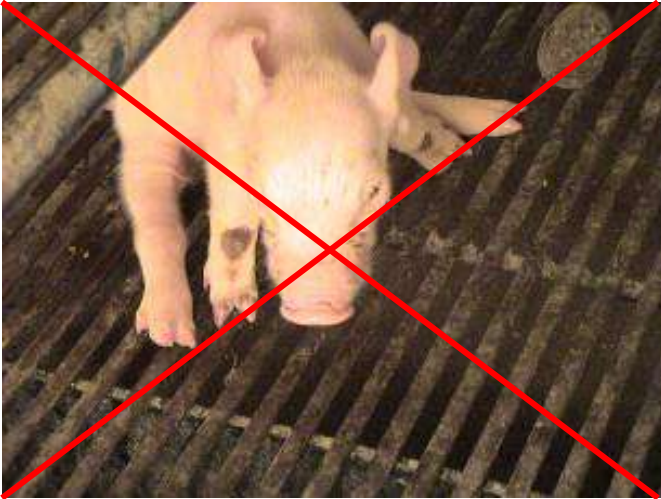
Are the mats flammable?

- Tests concluded the mats will not ignite into flame when exposed to a normal heat lamp.



Are the mats slippery?

- No
 - Actually, they provide more traction than the traditional rubber mats
 - May reduce spraddle / splay injuries



How much do the mats weigh?

- 105 -125 grams per square foot



Rubber mat farrowing mat
~15 lbs



Compost-A-Mat® farrowing mat
~2 lbs

How are Compost-A-Mat[®] delivered?

- Shipped on pallets
- 400 mats per pallet
- Wrapped in plastic



I can't use 400 mats at once.
Will they break down or get moldy before I get to them?



- Low moisture content (<3%)
- Wrapped in plastic

Are the mats reusable?



- The mats are designed for a single use
- After use, the mats can be...
 - An excellent source of feedback material
 - Composted



So...
just how well does
the
Compost-A-Mat[®]
product work?



A trial was conducted on an better than
average 2500 sow farm
by the Swine Vet Center of St. Peter, MN



Traditional rubber mats

vs.



Compost-A-Mat®



Compost-A-Mat[®] beat out rubber mats

- Results:
 - Compost-A-Mat[®] = 6.97% PWM
 - Rubber mats = 7.62% prewean mortality
 - Over 1% more rubber mat litter's had scours



Financial Comparison

- Compost-A-Mat™
 - 110 sows * 10.8 BA
 - 1188 pigs born/week
 - PWM of 6.97%
 - 1105 pigs weaned per week
 - Cost of mats \$164.45
- Rubber mats
 - 110 sows * 10.8 BA
 - 1188 pigs born
 - PWM of 7.62%
 - 1097 pigs weaned per week
 - Cost of Mats ??



Financial Comparison (Based on trial results)

- Decreased Pre-weaning Mortality
 - **.65%**
- Increased number of pigs per week
 - **7.72**
- Increased revenue
 - **\$231.60 per week**
- Mat cost: 55 mats * \$2.99 = **\$164.45**
- Improved bottom line of **\$67.15**
 - **40%** return on investment



Improved PWM On An Average Farm

- 110 farrowings per week at 10.8 born alive
 - **1188 pigs per week**
- Improved Pre-weaning Mortality
 - **1.5% (from 13% to 11.5%)**
- Increased number of pigs per week
 - **17.82**
- Increased revenue
 - **\$534.60 per week**
- Mat cost: 55 mats * \$2.99 = **\$164.45**
- Improved bottom line of **\$370.15**
 - **225% return on investment**

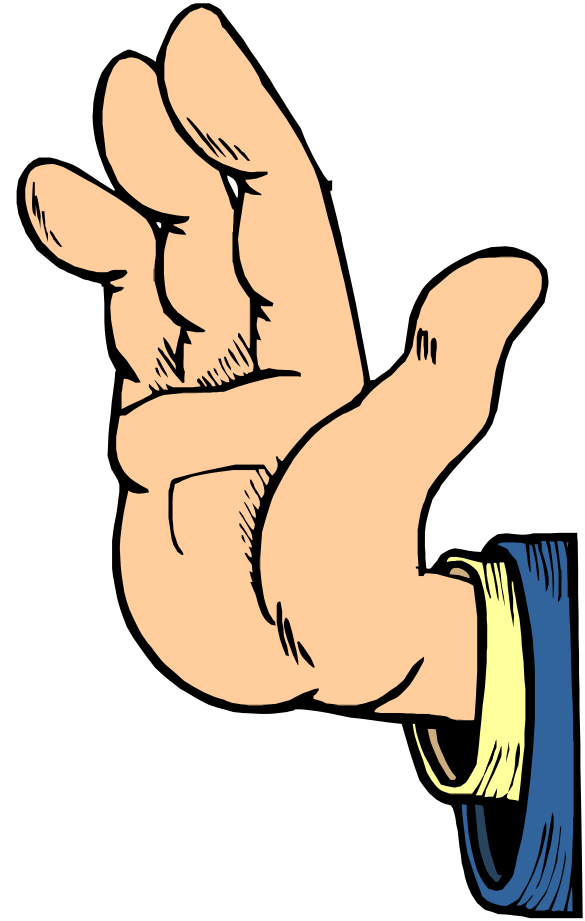


On an annual basis:

- 2500 sows
- 24 pigs weaned per sow per year
- Lower PWM by 1.5%
- Extra 900 weaners per year @ \$30
- Less cost of mats
- **\$23,496.00 return**



Wait!
There's more...



Diseases of the Farrowing Barn

- The following bacteria and virus are routinely found in the farrowing barn
 - E. coli
 - K-88
 - Clostridium
 - Type A
 - Type C
 - Difficile
 - Coccidia
 - Rotavirus



How can the Compost-A-Mat[®] help with a scour outbreak?

- Give your mats a break
 - Use disposable mats to buy enough time to thoroughly and correctly clean the old farrowing mat
- Reduce the bacteria/virus in environment
 - Remove one of the most obvious sources of the re-infection



Other Compost-A-Mat[®] benefits

- Compost-A-Mat[®] one time use saves labor (and money)
 - Labor investment for rubber mats
 - Washing
 - Disinfecting
 - Soaking in bleach
 - Hang them for drying
 - Prepare the crate for pigs



Compost-A-Mat[®] is cleaner

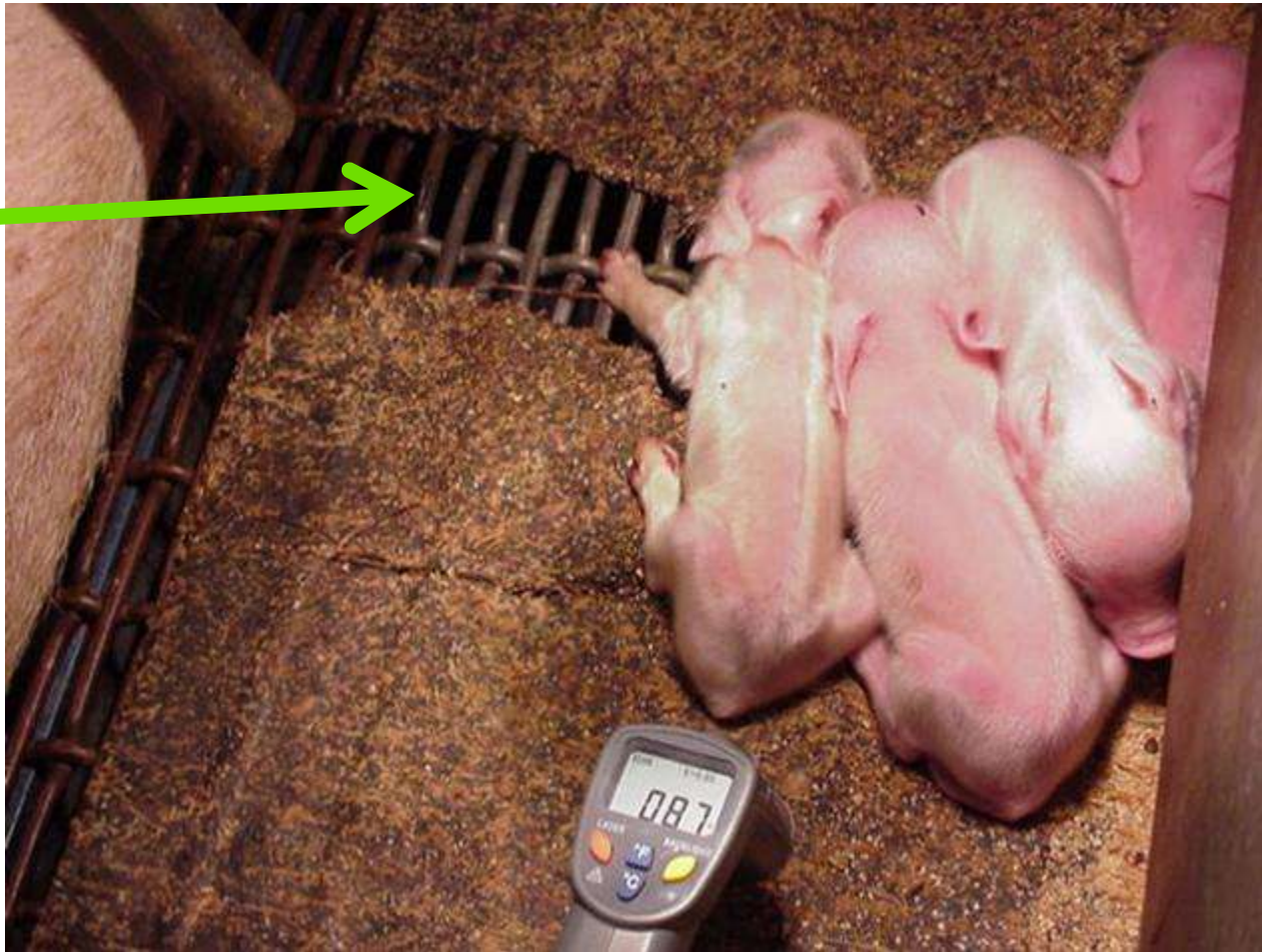
Average # of colonies per plate

Compost-A-Mat[®] :
38.6 colonies



Rubber Mat:
Too numerous to count
(>400 colonies)

Rubber mats don't last forever



Rubber Is Not Absorbent



Choose Compost-A-Mat® In The Farrowing House



Your Pigs (and labor) Will Thank You

