



STANFIELD® HEAT MAT ENERGY SAVINGS CALCULATOR





This energy savings calculator will help you discover how much money you could be wasting year after year by using inefficient and dangerous heat lamps in farrowing.

Then, use **Your Energy Calculator** to calculate how much it could cost you to use Osborne's Stanfield Heat Mats. See for yourself why heat mats are the smartest choice for heating in farrowing because of their superior efficiency, allowing you to save money year after year!

ENERGY USE

Power Rate of Device	x	Time Unit of Operation	x	Cost per Energy Unit	=	Cost per Time Unit
 Heat Lamp 175 W Heat Lamp	x	24 hours	x	1 kWh	=	4.2 kWh
Litter		Day		1,000 W/Hour		Litter/Day
 Heat Mat 100 W Heat Mat	x	24 hours	x	1 kWh	=	2.4 kWh
Litter		Day		1,000 W/Hour		Litter/Day

Example Energy Calculator

 Heat Lamp	4.2 kWh	x	\$ 0.09	=	\$ 0.38	x	24	x	1	x	15	x	21	=	\$ 2,872
Litter/Day (Energy Use)			kWh (Energy Cost)		Litter/Day (Your Cost)		Stalls (# of Stalls)		Rooms (# of Rooms)		Turns (# Turns Per Year)		Days/Turn (# Days per Turn)		Annually/Room (Your Cost Annually)
 Heat Mat	2.4 kWh	x	\$ 0.09	=	\$ 0.22	x	24	x	1	x	15	x	21	=	\$ 1,663
Litter/Day (Energy Use)			kWh (Energy Cost)		Litter/Day (Your Cost)		Stalls (# of Stalls)		Rooms (# of Rooms)		Turns (# Turns Per Year)		Days/Turn (# Days per Turn)		Annually/Room (Your Cost Annually)





THAT'S A 42% SAVINGS!
\$ 1,209 per room x 14 rooms =

\$ 16,926
in annual energy savings

(Results using Model S2B4 and 175 W Heat Lamp at 100% power. Results may vary.)



Your Energy Calculator

 Heat Lamp	4.2 kWh	x	\$	=	\$	x		x		x		x		=	\$
Litter/Day (Energy Use)			kWh (Energy Cost)		Litter/Day (Your Cost)		Stalls (# of Stalls)		Rooms (# of Rooms)		Turns (# Turns Per Year)		Days/Turn (# Days per Turn)		Annually/Room (Your Cost Annually)
 Heat Pad	2.4 kWh	x	\$	=	\$	x		x		x		x		=	\$
Litter/Day (Energy Use)			kWh (Energy Cost)		Litter/Day (Your Cost)		Stalls (# of Stalls)		Rooms (# of Rooms)		Turns (# Turns Per Year)		Days/Turn (# Days per Turn)		Annually/Room (Your Cost Annually)