Estrogen Content in Beef*

*Oklahoma State University, Implant Symposium, May 1997, p. 199

Estrogen in 500 gm serving

8 nanograms		
11 nanograms		
9 nanograms		
700 nanograms		
110 nanograms		
2,000 nanograms		
2,000 nanograms		
1,000,000 nanograms		
65 nanograms		

Nanogram = 1 billionth of a gram

| OUNCE = 28,349,523,125 Billion Nanograms

Human Estradiol Production*

*Oklahoma State University, Implant Symposium, May 1997, p. 199

Estradiol 17_b Produced/day

Boys	40,000 nanograms
Girls	40,000 nanograms
Adult Male	100,000 nanograms
Non-Pregnant Female	5,000,000 nanograms
Pregnant Female	90,000,000 nanograms

- The E.U. has declared E₂17_b a carcinogen.
- One Birth Control Pill contains the same amount of estrogen as 125,000 lbs of beef from implanted steers.

Naturally occurring hormones ie. Estrogen in foods: (Nanograms or ng per 500 g of food)	Naturally occurring hormones ie. Estrogen in foods: (Nanograms or ng per 500 g of food)	Naturally occurring hormones ie. Estrogen in foods: (Nanograms or ng per 500 g of food)	Naturally occurring hormones ie. Estrogen in foods: (Nanograms or ng per 500 g of food)	Naturally occurring hormones ie. Estrogen in foods: (Nanograms or ng per 500 g of food)
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Hormones in implanted beef 1.7 ppt (parts per trillion) vs. non-implanted beef 1.2 ppt. Equivalent to 1.7 vs. 1.2 blades of grass on regulation sized football field	Hormones in implanted beef 1.7 ppt (parts per trillion) vs. non-implanted beef 1.2 ppt. Equivalent to 1.7 vs. 1.2 blades of grass on regulation sized football field	Hormones in implanted beef 1.7 ppt (parts per trillion) vs. non-implanted beef 1.2 ppt. Equivalent to 1.7 vs. 1.2 blades of grass on regulation sized football field	Hormones in implanted beef 1.7 ppt (parts per trillion) vs. non-implanted beef 1.2 ppt. Equivalent to 1.7 vs. 1.2 blades of grass on regulation sized football field	Hormones in implanted beef 1.7 ppt (parts per trillion) vs. non-implanted beef 1.2 ppt. Equivalent to 1.7 vs. 1.2 blades of grass on regulation sized football field
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