

Estrogen Content in Beef*

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

Estrogen in 500 gm serving

Untreated Steer	8 nanograms
Implanted Steer	11 nanograms
Untreated Heifer	9 nanograms
Pregnant Heifer	700 nanograms
Intact Bull	110 nanograms
Peas	2,000 nanograms
Wheatgerm	2,000 nanograms
Soybean oil	1,000,000 nanograms
Milk	65 nanograms

Nanogram = 1 billionth of a gram

1 ounce = 28,349,523,125 billion nanograms

A NANOGRAM IS LIKE 1 BLADE OF GRASS ON A FOOTBALL FIELD OR 1 DROP OF WATER IN OLYMPIC POOL.

Human Estradiol Production*

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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 E_217_b a carcinogen.
- One Birth Control Pill contains the same amount of estrogen as 125,000 lbs of beef from implanted steers.

Source: Iowa State University

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