

WHAT ARE hormone implants?

Hormone implants are small capsules placed under the skin of the animal’s outer ear in inedible tissue.^{1,2,3} Approved by the FDA in 1954³ for use in beef cattle, implants increase the efficiency by which cattle convert the feed they eat into meat⁴ to feed a growing population.



HORMONE IMPLANTS:

- ✓ Work with the animal's natural hormones to regulate body functions such as reproduction, metabolism, and growth^{1,5}
- ✓ Release a small amount of natural or synthetic hormones over time with the active ingredient depleted in 80 to 200 days^{1, 2}

HORMONE IMPLANTS ARE SAFE FOR HUMANS AND ANIMALS

The U.S. Food and Drug Administration (FDA) regulates the development and use of hormone implants that have been used in the U.S. beef cattle industry for decades.



Research studying cattle growth and consumer safety is extensive²

The FDA approves hormone implants only after information and/or studies have shown^{3,4} meat from the treated animals is safe to eat and hormone implants are:

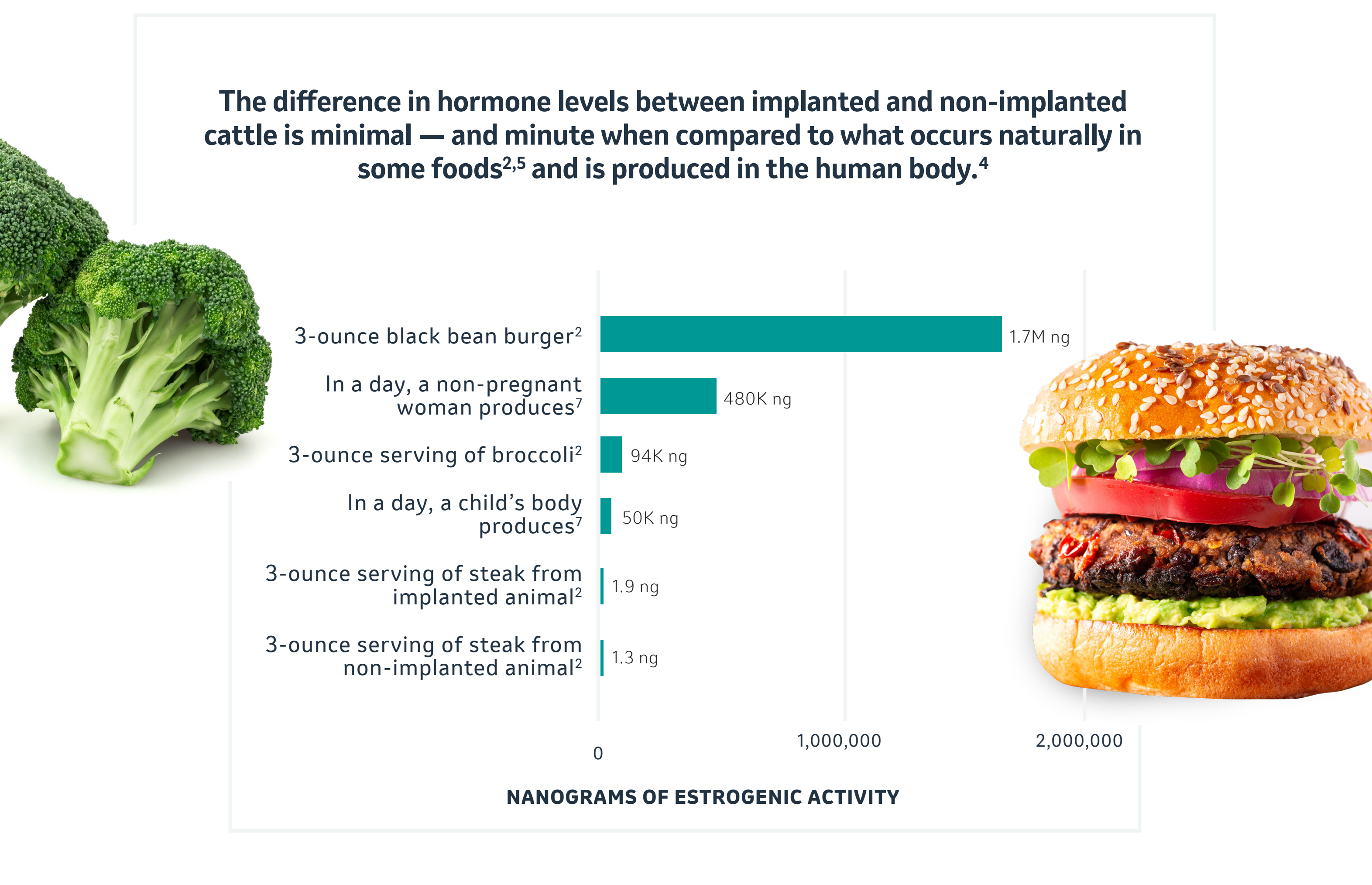
- o Safe for the animal
- o Safe for the environment
- o Effective and work as intended

The USDA Food Safety Inspection Service (FSIS) routinely monitors residues of synthetic hormones in meat⁵

All FDA approved steroid implant products have a zero-day withdrawal prior to harvest,⁶ which means that meat from treated animals is safe for humans to eat at any time⁴

THERE IS NO SUCH THING AS “HORMONE-FREE” BEEF⁵

Hormones are naturally occurring and without them, the animal could not survive.⁵



HORMONE IMPLANTS HELP REDUCE BEEF’S ENVIRONMENTAL FOOTPRINT¹

HORMONE IMPLANTS

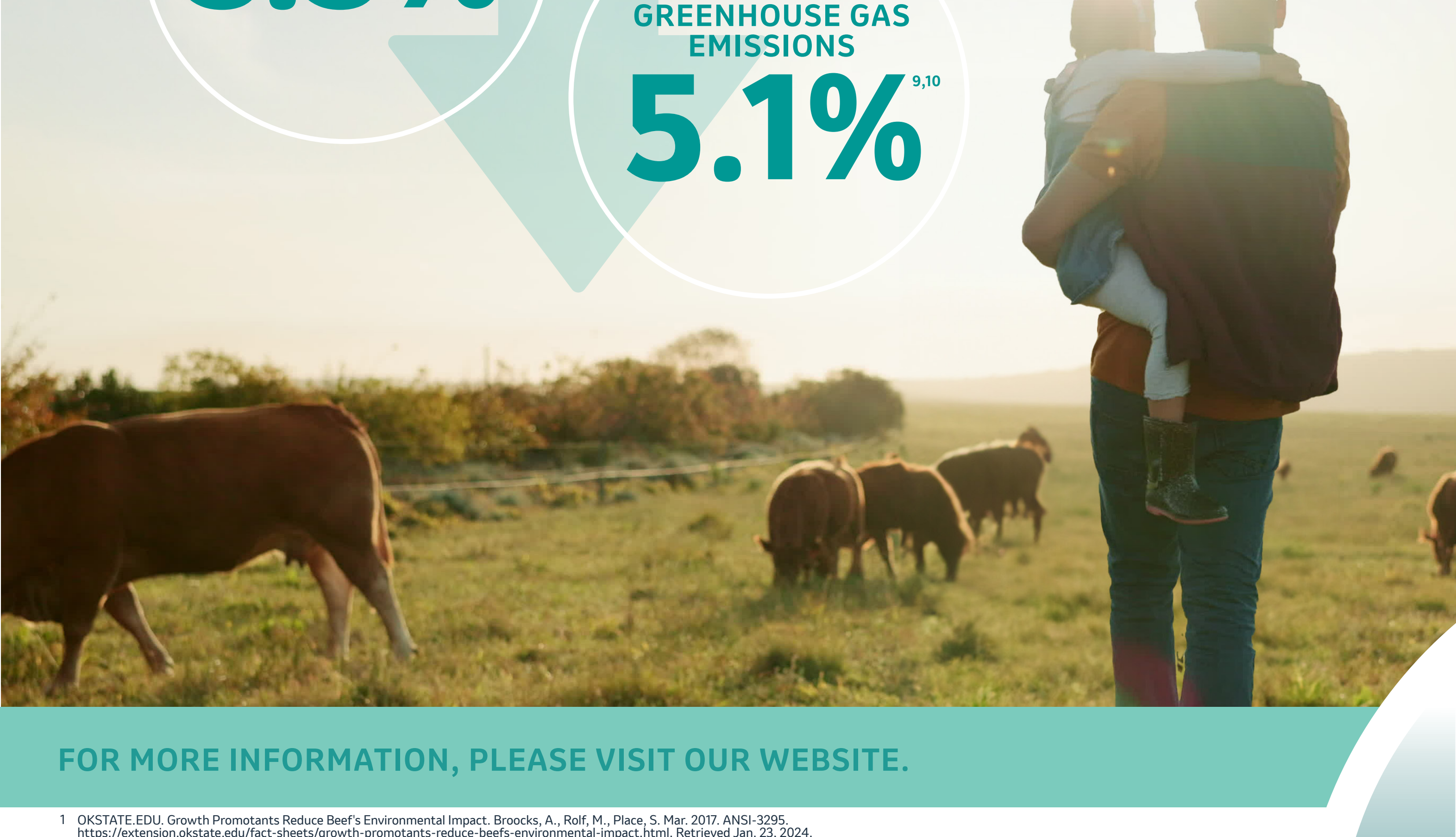
- ✓ Support beef production efficiency by helping cattle convert the feed they eat into beef¹
 - ✓ Allow cattle to be finished earlier, requiring less time on feed and fewer resources per pound of meat produced⁵
- ✓ Increase muscle, market weight, and feed efficiency²
 - ✓ Enable cattle ranchers to raise more beef with fewer animals¹

Current research shows that implanted cattle decrease:

WATER USAGE
5.5%^{10,11}

LAND USAGE
7.8%⁸

GREENHOUSE GAS EMISSIONS
5.1%^{9,10}



FOR MORE INFORMATION, PLEASE VISIT OUR WEBSITE.

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