



New "Bloodless" Castrator For Beef, Dairy Animals

"Once you try this new tool you'll never again use a knife to castrate," predicts Montana rancher LeGrand Wadsworth, of St. Ignatius, who has invented and patented a new "bloodless" castrator that has the important advantage of letting you raise beef or dairy calves as late-castrated bulls.

Called the Eze Bloodless Castrator, it "picks up where rubber band castrating, limited primarily to lambs, leaves off," explains Wadsworth. With animals standing in a chute, the tool is used to loop and tie surgical latex tubing tight around the scrotum, just above the testicles. The tool pulls the thick wall tubing (5/16 in. dia.) extremely tight to completely cut off the blood supply, and it affixes a clip which serves as a knot to secure the tightly stretched tubing so it can't slip loose. Once secured, you cut off the tubing which comes in a continuous length spool.

"In about 10 hours, the scrotum turns black because the blood supply has been cut off. In about 10 days, the scrotum is completely dead. It will fall off by itself, along with the stub piece of latex tubing and the clip, in about 25 days," explains Wadsworth. "Treated animals show very little if any stress. Usually, they're back eating, or chewing their cud, within 30 minutes after leaving the chute. The tool works on any size animal—from small calves to mature bulls. Limited trials indicate it'll also work on stallions and rams."

Since inventing the new tool four years ago, Wadsworth has castrated his annual calf crop without a knife. "We wait until bull calves are in the 500 to 600 lb. range. We run them through a chute and apply the Eze castrator treatment about 30 days before marketing, allowing sufficient time for the scrotoms to dry up and fall off. If you want to market sooner after treatment, and eliminate the bullish look, you can use a knife 10 days after treatment to cut off the dried up scrotoms.

"It's generally agreed that bulls grow faster than steers, and develop leaner carcasses. We figure late castration, without a knife, adds up to a bonus of 40 to 50 extra lbs. per animal over a 160 day period. At 80 cents a lb., it adds up to \$32 to \$40 more per head. Because they're no longer bullish, feeder buyers don't discount these late-castrated calves."

The new Eze Castrator tool, made of aluminum and stainless steel, sells for \$149.95 and comes with enough clips and surgical latex tubing to treat 50 animals. Replacement tubing costs 45 cents per ft. and clips are 25 cents each. "With practice, you can do about four 500-lb. bulls per foot of tubing for a cost of 36 cents per animal," notes Wadsworth.

For more information, contact: FARM SHOW Followup, Eze Castrator, Wadsworth Mfg., 889 Dublin Gulch Rd., St. Ignatius, Mont. 59865 (ph 406 745-4348).



"Heat Detector" Also Checks Pregnancy

"It's the most accurate heat and pregnancy detector ever developed," says Jun Matsuura, manufacturer of the new "Love Check" hand held heat detector that you simply insert into the animal and take an "instant" reading off the electronic meter.

The detector uses a new electronic process that measures the changes in ion levels in vaginal mucous membranes that are secreted by animals in estrous. "It makes it possible to determine the optimum time for breeding for 90 to 98% conception rate success. It'll predict pregnancy with near 100% accuracy 30 to 40 days after insemination," says Matsuura, noting that the new-style detector was developed by a team of Japanese researchers. He says the detector is also being developed for other animals and a smaller prototype model for humans is currently in testing.

The detector, powered by two 1.5-volt batteries, consists of a 3-ft. plastic probe with the meter and handle at one end and the sensor at the other. It is simply inserted into the animal and held against the vaginal wall in the area of the cervix. After 45 seconds, you read the meter which lights up from left to right to indicate the current level of estrous. The meter runs from "Don't", which means the animal is not in heat, to "Wait", which means check again in a few hours, to "Do", at which point you should breed naturally, and "AI", which signals the best time for artificial insemination.

The detector is used in the same way to



determine pregnancy, referring to a separate meter chart. At 20 days, Matsuura says it will predict pregnancy with 50% accuracy. It the meter still indicates pregnancy at 30 days, he says you can be 100% certain the animal is pregnant (one check alone at 30 days will not guarantee 100% accuracy). At 40 days, the detector will tell you with 100% accuracy whether the animal is pregnant.

The new detector, which was recently introduced at a Canadian farm show, sells for around \$1,000.

For more information, contact: FARM SHOW Followup, Love Check, Box 984, Woodstock, Ontario, Canada N4S 8A4 (ph 519 537-3455).



Fast New "Fence Fixer"

"If this handy new tool doesn't cut your fence installation or mending time in half, return it for a full refund. No one has ever done this yet," says Marvin Motley, inventor of a fence-fixing device he claims is "far superior to older methods."

Called the "Fast Fence Fixer," it allows you to tighten a loose fence wire in only 5 to 10 seconds, says Motley. Works on a wide variety of fencing, including barbed wire, smooth wire, woven wire, all-purpose stock fence and the new New Zealand wire fence.

The tool, made of lightweight aluminum

with steel plunger, pins and spring), is small enough to carry in your back pocket. With leverage provided by a T-shaped handle, the tool twists loose wire into a slip-proof figure 8 knot that takes up the slack. Tightens slack fence without having to remove steel post fasteners, or staples in wooden posts. It also works great to splice broken wires, according to Motley.

Sells for \$29.95, plus \$2.50 for shipping. For more information, contact: FARM SHOW Followup, M/M Distributors, 28818 S.E. 216th Way, Maple Valley, Wash. 98038 (ph 206 432-5839).