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Pegram Project

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Beef Herd Health Program

This beef herd health program was designed for three ranches in Southeastern Idaho which are part of a research and Extension project funded by the Idaho Beef Council. The recommendations may not be applicable for ranches in other areas with other management practices and disease conditions, but the program can offer guidelines to total beef herd health planning in any area.

The costs are estimates only and may vary with the purchasing practices of the ranches involved. Vaccines at their maximum effectiveness are only an aid to sound management practices in the prevention of disease.

The degree of immunity developed will vary in individual animals and therefore the protection afforded may vary. When live virus vaccines are used, occasional vaccine breaks occur, resulting in symptoms which may be similar to the natural disease.

Estimated costs by sex and age groups are:

Cost per head

Calves	\$1.75
Yearling steers and open heifers	2.68*
Replacement heifers	5.18*
Cows	1.30
Virgin bulls	1.85
Mature bulls	.70

*Includes calfhood vaccination and Bangs vaccination costs.

At this point in the research study, information concerning internal parasites has not indicated a need for routine worming treatments. As the study progresses, the recommendations may be revised to increase the effectiveness of the immunization program.

Recommended Vaccine Combinations

Vaccines to Use

- 7-way clostridium (60¢/dose)*: chavoei — blackleg; septicum — malignant edema; novyi — black disease; sordelli — blackleg-like disease; perfringens type C and D — protects against B and overeating disease.

- IBR-PI₃ (25¢/dose): IBR — rednose; PI₃ — influenza.
- IBR-PI₃ -BVD (55¢/dose): BVD — bovine virus diarrhea.
- Leptospirosis (60¢/dose): pomona; grippotyphosa; hardjo.
- Vibriosis (60¢/dose).
- Pasteurella (9¢/dose): multocida I, II, III; hemolyticum (if available).
- Redwater (10¢/dose): Bacillary hemoglobinuria.

*Costs are estimates only.

Recommended Systemic Insecticides

Lice-Grub Combination (1) Rulene, (2) Neguvon, (3) Warbex, (4) Tiguvon, (5) Prolate, (6) Co-Ral.

Lice — (1) Korlan, (2) Lysoff.

Summer flies — (1) salt, (a) Ronnel, (b) Rabon; (2) dust bag, (a) 1 percent Co-Ral.

Annual Herd Health Schedule — Calves

Spring

Calving — at birth: (1) number ear tag calf at birth, (a) record birth date, sex, calf number, cow number.

Before turnout: (1) castrate — knife preferred, (2) dehorn, (3) brand, (4) implant, (5) 7-way clostridium vaccine. In other areas a 2-way or 4-way vaccine may be more applicable.

Fall

Prewaning (time span — two weeks minimum before weaning): (1) 7-way — clostridial diseases, 2nd shot, booster, (2) pasteurella — 1st shot, (3) IBR-PI₃ — 1st shot, (4) grubicide, (5) individual calf weights.

Weaning: (1) pasteurella — 2nd shot, booster, (2) redwater (if needed), (3) implant — steers and non-replacement heifers (Ralgro).

Post weaning — replacement heifers: (1) Bangs vaccination (third through ninth month of age); vaccinate thrifty replacement heifers 2 to 3 weeks after weaning.

Before you use insecticides, read, understand and follow directions on the container label.

Annual Herd Health Schedule — Yearlings

Spring

Steers and open heifers: (1) 7-way — clostridial diseases, third shot, 2nd booster, (2) IBR-PI₃, 2nd shot, booster, (3) redwater (if needed), (4) implant — growth stimulant (Ralgro), (5) spay heifers.

Replacement heifers: (1) 7-way — clostridial diseases, third shot, 2nd booster; (2) leptospirosis; (3) IBR-PI₃-BVD — second shot for IBR-PI₃ and first BVD vaccination (6 weeks before breeding); (4) vibrio — 30 to 60 days before breeding; (5) redwater (if needed); (6) yearling individual weights, (a) breed Hereford heifers at 650 pounds and over, (b) breed Angus heifers at 550 pounds and over.

Annual Herd Health Schedule — Cows

Spring

Open cows — before breeding: (1) vibrio — 30 to 60 days before breeding; (2) leptospirosis; (3) redwater (if needed); (4) lice treatment, (a) systemic insecticide (pour-on application).

Summer

(1) Fly control, (a) salt, (b) dust bag.

Fall

(1) Redwater (if needed); (2) louse-grubicide combination, (a) systemic insecticide (pour-on application).

Annual Vaccination Schedule — Bulls

Spring

Virgin bulls: (1) IBR-BVD-PI₃, (2) redwater (if needed), (3) leptospirosis, (4) lice treatment, (5) 7-way.

Mature Bulls: (1) leptospirosis, (2) redwater (if needed), (3) lice treatment.

Fall

(1) Redwater (if needed), (2) grubicide.

DRUG AND VACCINE SUPPLY RECORD

Brand name	Company	Type of vaccine	Serial number	Lot number	Expiration date	Supplies	Doses	Cost	Doses returned

IMMUNIZATION RECORD

Disease	Brand	Serial number	Sex group	Number of head	Date	Storage	Reactions

TREATMENT RECORD — SICK ANIMALS

Disease	Sex group or animal ID no.	Product used	Company	Expiration date	Date of treatment	Dosage	Route of administration	Results

Trade names are used for better understanding of the information presented. No criticism is implied of similar products not mentioned

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