WASHINGTON STATE UNIVERSITY
EXTENSION

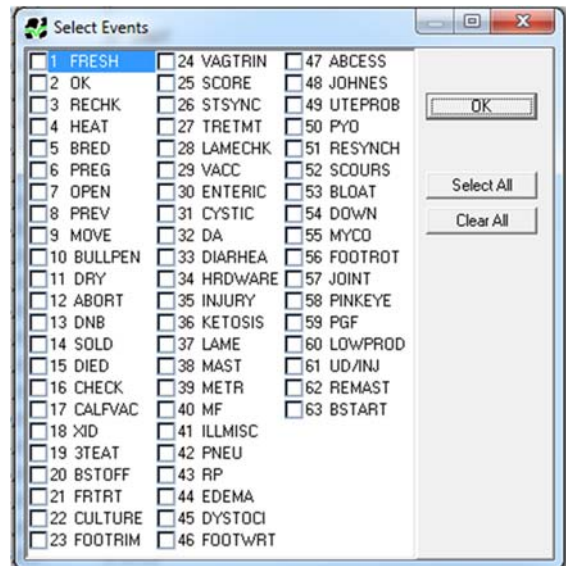## Veterinary Medicine Extension

MORTALITY RECORDS

Mortality Alphanumeric Code: letters 1-8

1-2) Category related to target area for intervention
3)   Euthanized versus Death by natural causes (E/D)
4)   Death certificate (Y/N)
5-6) Immediate/proximate disease related to cause-of-death
7-8) Underlying or intermediate disease process or causative factor if known

Death Themes & Categories

• Specific disease process as a stand alone problem
  DZ: Specific disease such as HBS, metritis, etc.
• Traumatic injury
  IC: Injury related to calving trauma
  IJ: Injury such as spinal, stifle or hip damage
  HE: Trauma due to human error
• Multifactorial failures linked to transition period
  TN: Multifactorial transition/early lactation disease
  or negative energy balance issues
• Feed management
  FD: Feeding error
• Miscellaneous events not conducive to prevention
  MS: Miscellaneous
• Undetermined
  UN: Undetermined

Disease codes	Immediate/Intermediate/Underlying Disease or Causative Factors
AB	Abomasitis
BK	Back injury
BL	Bloat (53)
BO	Bleed out/hemorrhage
CA	Cancer
CH	Choke
CC	Concrete flooring
CE	Cancer eye
CL	Clostridial leg
CN	Congenital defect
CT	Cecal torsion
DA	Left displaced abomasum (32)
DI	Diarrhea/Infectious gastrointestinal disease (33)
DW	Down cow (54)
DY	Dystocia (45)
ED	Edema (44)
FL	Fatty liver
FR	Footrot (56)
FS	Freestall/facility issues
FW	Footwart (46)
HB	Hemorrhagic bowel syndrome
HP	Hip displacement
HW	Hardware disease (TRP) (34)
HT	Heart pathology
IC	Ice
IN	Indigestion (30)
JN	Johnes disease (48)
KE	Ketosis (36)
LG	Leg injury
LI	Listeria
LM	Generic lameness--needs attributed to specific causative factor (37)
LV	Liver abscesses
MA	Mastitis (38)
MC	Malignant catarrhal fever
ME	Metritis (39)
MF	Milk fever/Metabolic (40)
MV	Mesenteric root volvulus
PA	Parlor issues
PE	Peritonitis
PN	Pneumonia (42)
RD	Right displaced abomasum
RN	Renal disease/failure
RP	Retained placenta (43)
SA	Sole abscess (47)
SE	Septicemia
SH	Shoulder injury
SJ	Septic joint
ST	Stifle injury
UI	Udder injury (61)
UL	Perforated gastrointestinal ulcer
UT	Uterine tear (49)
VT	Vaginal trauma

Select Events

1 FRESH	24 VAGTRIN	47 ABCESS
2 OK	25 SCORE	48 JOHNES
3 RECHK	26 STSYNC	49 UTEPROB
4 HEAT	27 TRETMT	50 PYO
5 BRED	28 LAMECHK	51 RESYNCH
6 PREG	29 VACC	52 SCOURS
7 OPEN	30 ENTERIC	53 BLOAT
8 PREV	31 CYSTIC	54 DOWN
9 MOVE	32 DA	55 MYCO
10 BULLPEN	33 DIARHEA	56 FOOTROT
11 DRY	34 HRDWARE	57 JOINT
12 ABORT	35 INJURY	58 PINKEYE
13 DNB	36 KETOSIS	59 PGF
14 SOLD	37 LAME	60 LOWPROD
15 DIED	38 MAST	61 UD/INJ
16 CHECK	39 METR	62 REMAST
17 CALFVAC	40 MF	63 BSTART
18 XID	41 ILLMISC	
19 3TEAT	42 PNEU	
20 BSTOFF	43 RP	
21 FRTRT	44 EDEMA	
22 CULTURE	45 DYSTOCI	
23 FOOTRIM	46 FOOTWRT	

OK
Select All
Clear All

Example 1: Hemorrhagic bowel syndrome sudden death

DZDYHBxx

DZ = Specific disease to target for intervention

D = Died of natural causes

Y = Death certificate completed with necropsy findings

HB = Hemorrhagic Bowel Syndrome as the immediate cause of death

xx = No relevant underlying or intermediate disease processes

Example 2: Failure to treat/heal lameness due to a chronic sole abscess

DZENLMSA

DZ = Lameness failure related to hoof care

E = Euthanized

N = No death certificate completed

LM/37 = Generic lameness as the immediate cause of euthanasia

SA/47 = Sole abscess as the disease process underlying the lameness

Example 3: Severe calving trauma leading to euthanasia

ICEYVTDY

IC = Injury related to calving trauma

E = Euthanized

Y = Death certificate completed with necropsy findings

VT = Vaginal trauma as the immediate cause of death

DY/45 = Dystocia as the underlying cause of death

Example 4: Back injury leading to euthanasia

IJEYBKFS

IJ = Traumatic injury

E = Euthanized

Y = Death certificate completed detailing sequence of events underlying the injury

BK = Back injury affecting the spinal cord

FS = Injury related to freestall issues

Example 5: Early postpartum death related to multiple diseases

TNDYSEDA

TN = Multifactorial transition cow/early lactation disease problems

D = Died of natural causes

Y = Death certificate completed with necropry findings and history of disease

SE = Septicemia as the immediate cause of death

DA/32 = Displaced abomasum representing an intermediate disease process

Example 6: Late lactation death due to choking on foreign material

MSDYCHxx

MS = Miscellaneous event

D = Died of natural causes

Y = Death certificate completed with necropsy findings

CH = Choke

xx = No relevant underlying or intermediate disease process

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CULLING RECORDS

Culling Alphanumeric Code: letters 1-8

1-2) Category related to target area for intervention
3) Economic cull versus underlying Biologic reason for removal (E/B)
4) Destination code (sale barn, slaughter plant, etc.)
5-6) Immediate/proximate disease or reason related to cause-of-removal
7-8) Underlying or intermediate disease process or causative factor if known

Culling Categories

AB: Abortion

AG: Aggressiveness or belligerence (kickers)

DZ: Other specific diseases besides those listed

IC: Injury related to calving trauma

IJ: Injury such as spinal, stifle or hip damage

JN: Johne's Disease

LM: Lameness

MA: Mastitis problems

PD: Poor production not related to above problems

RE: Reproductive problems

RT: Sold as replacement animals to another dairy

UD: Udder conformation (excepting mastitis)