Approved: February 18, 2011

#### MINUTES OF THE HOUSE AGRICULTURE & NATURAL RESOURCES COMMITTEE

The meeting was called to order by Chairman Larry Powell at 9:00 a.m. on February 3, 2011, in Room 783 in the Docking State Office Building.

All members were present except:

Representative Dan Kerschen – Excused Representative Michael Peterson - Excused

#### Committee staff present:

Sean Ostrow, Office of the Revisor of Statutes Raney Gilliland, Kansas Legislative Research Department Michael Wales, Kansas Legislative Research Department Kay Scarlett, Committee Assistant

Conferees appearing before the Committee:

Dr. Tom Lenz, DVM

Others attending:

See attached list.

Chris Wilson, Deputy Secretary of Agriculture, requested introduction of a committee bill to update the Kansas Plant Pest Act. There being no objection, Chairman Powell said this request would be introduced as a committee bill.

Dr. Tom Lenz, DVM, presented an overview of the "unwanted" horse in the United States. Top contributors to the unwanted horse problem are the economy, irresponsible breeding, the closing of processing plants, and the high cost of euthanasia/carcass disposal. Solutions include educating owners to breed, purchase, and own responsibly; increase ability of private rescue/retirement facilities to care for unwanted horses; reopen U.S. processing plants; and increase options and resources to euthanize and dispose of unwanted horses. He said the "unwanted horse" problem cannot completely be eliminated. We can't prevent aging, all injuries, poor athletes, or unattractive horses. We can minimize it by buying rather than breeding, adopt rather than buy, find alternative careers, and euthanize rather than discard. (Attachment 1)

Representative O'Hara said that she didn't feel that her questions concerning the \$6 million federal grant for the broadband data and development program had been answered. Raney Gilliland will contact Carole Jordan, Director, Rural Development Division, Kansas Department of Commerce, for further explanation.

The meeting adjourned at 10:10 a.m. The next meeting of the House Agriculture & Natural Resources Committee is scheduled for February 4, 2011.

### HOUSE AG & NATURAL RESOURCES COMMITTEE GUEST LIST

DATE: FEBRUARY 3, 2011

NAME	REPRESENTING
Heath Kohl	KDA KS Lusk, Assin Ks. Pural Center
Paul Johns	Ks. Fural Center
	1

### The "Unwanted" Horse in the U.S. An Overview of the Issue

Tom R. Lenz, DVM, MS, DACT 26760 State Line Road Louisburg, Kansas 66053 "Animal Welfare is fast becoming the major challenge of the veterinary profession for this century"

Dr. Bernie Osborn, Dean of the University of California-Davis, School of Veterinary Medicine. "Animal Welfare is fast becoming the major challenge of the veterinary profession for this century"

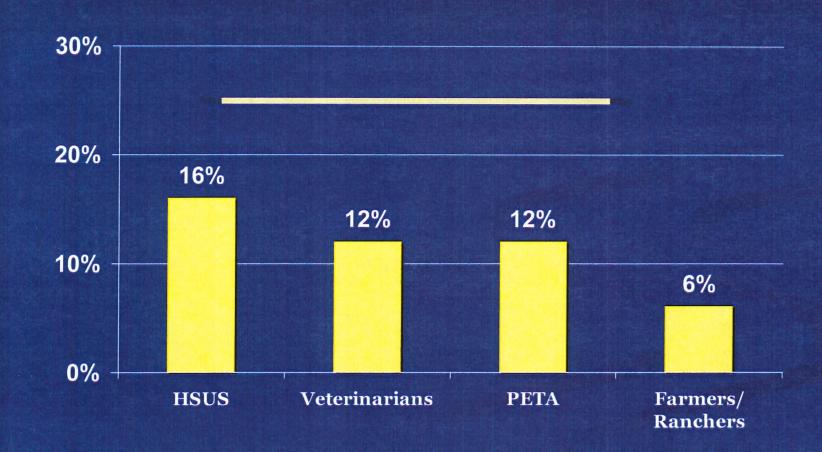
Dr. Bernie Osborn, Dean of the University of California-Davis, School of Veterinary Medicine.

"The greatest threat to animal agriculture is a misinformed consumer"

Todd Allen, Former President, Kansas Livestock Association"

### Center for Food Integrity Survey:

Most credible source of information on farm animal care according to consumers



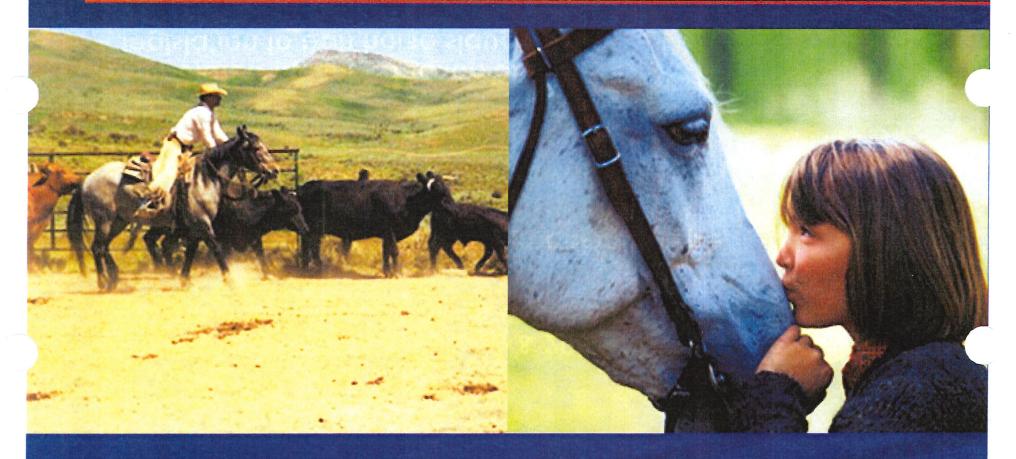
# What Started the "Unwanted" Horse Discussion?

- 2000-BSE outbreak in Europe & 2001-Foot & Mouth disease epidemic in Great Britain
- Increased demand for horse meat in Europe
- Drew media attention to the horse processing plants in the U.S.
- Stimulated the introduction of federal legislation to ban horse slaughter
- Fostered realization in U.S. horse industry there was an "unwanted" horse issue



### Unwanted Horse Issue

Complicated by:



Horses as livestock vs. companion animals

### Horse Related Businesses

Understanding Their Viewpoint.....Experiences

- Production efficiencies
- Competitive Pressure, return on investment
- Tradition (habituation)
- Often viewed as 'cold' or 'uncaring' by public

 Equine welfare is important, but .....they have to live with business practicalities & demands









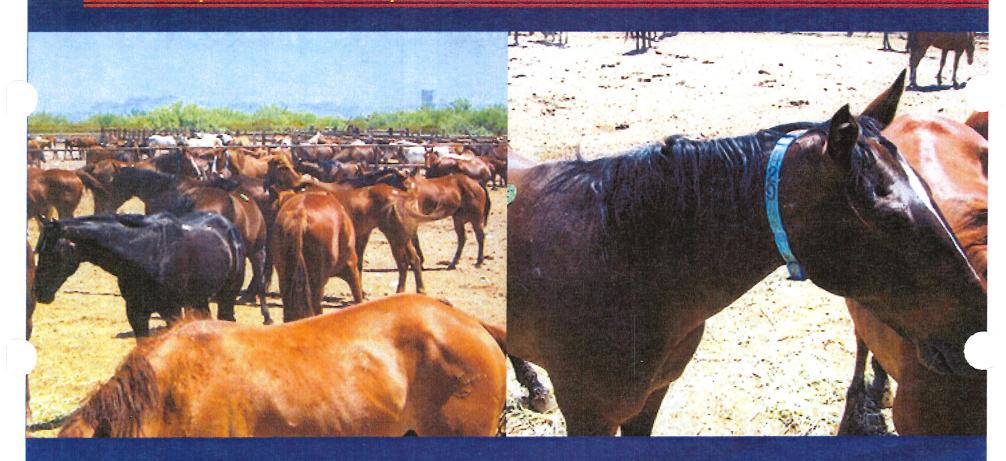






### **Unwanted Horse Issue**

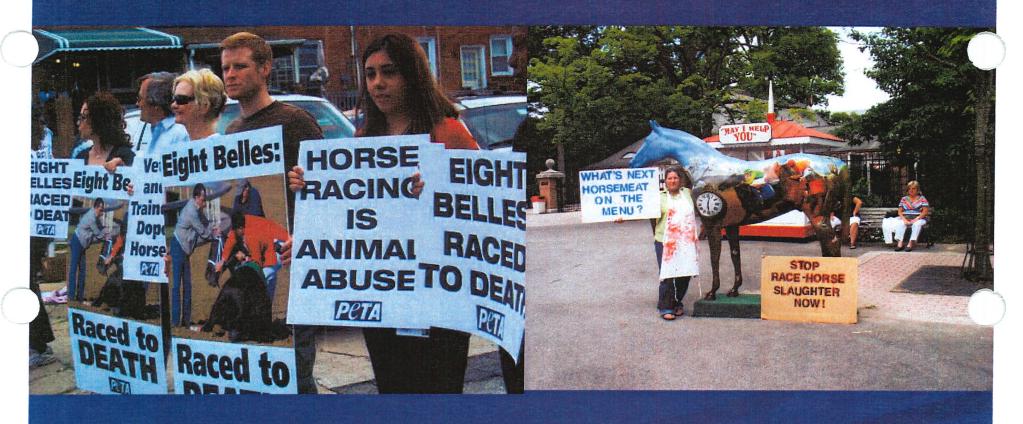
Complicated by:



Processing of horses for human consumption

### Unwanted Horse Issue

Complicated by:

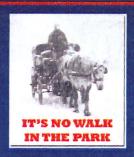


Aggressive campaign by animal activist groups

### **Animal Protection Activists**

Understanding Their Viewpoints.....Experiences

- ☐ Come from all walks of life
- ☐ Many not familiar with animal industries and animal care practices
- ☐ Most driven by genuine desire or passion to make sure animals (as they view them) are used appropriately



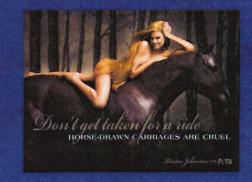
Save an Animal NOW

Make a gift of just \$19 a month.



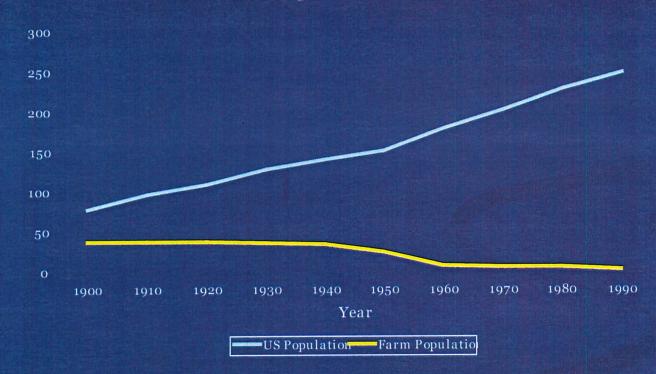
- ☐ But......their organizations need to survive/raise money
- □ Therefore
  - Create a platform and craft a message that resonates with donors (animal lovers)
  - Very effective in using 30 second sound bite
  - Use celebrities to strengthen message





## Unwanted Horse Issue Complicated by:

US and Farm Populations: 1900 - 1990



**Urbanization** 

### The Public

Understanding Their Viewpoints.....Experiences

- Urbanization
- Animals move from utility to companions
- Are moderate animal rights advocates
- Vision of animal welfare similar to their own, personal welfare needs
- Increase in disposable income
- Want to protect animal welfare.....but aren't always sure what that means













## The Daily Journal January 2009 — Kankakee, Illinois



Serving Kankakee, Will, Iroquois, Ford, Grundy & Livingston counties.

Speakout from Jan. 4, 2009

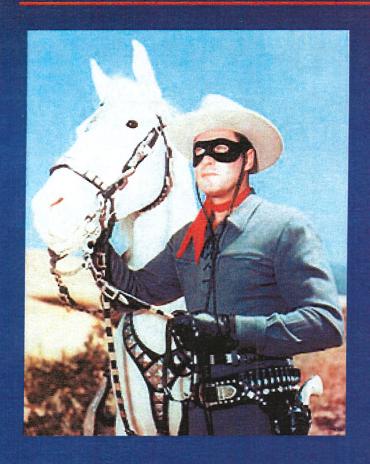
It's really sad. And another thing is you could really use a stupid meter in this column because I can't believe the stupidity of most of the people that call into this column.

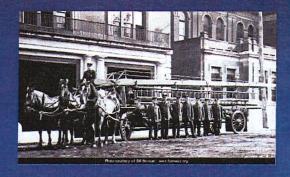
To all you hunters who kill animals for food, shame on you; you ought to go to the store and buy the meat that was made there, where no animals were harmed.

Speakout is an anonymous 24-hour phone line. The Daily Journal edits remarks before publication. Comments are not verified for accuracy: therefore, readers are advised not to rely on assertions of fact. To reach Speakout, call (815) 937-3878.

### **Unwanted Horse Issue**

Complicated by:









American Public's love affair with the horse

## Unwanted Horse/ Horse Slaughter Connection

- U.S. horse population peaked in 1910 at 19.8 million head
  - □ Numbers ↓ as horses lost value as work animals & recreational interest had not yet surfaced
  - □ Number of horses processed for meat ↑ as national herd was reduced
- Population reached an all time low of 1.6 million horses in 1974
  - Processing numbers followed & reached an all time low of 40,000 head in 2002
- Current U.S. horse population ~
   9.3 million
  - ☐ Processing numbers ~ 100,000/ year

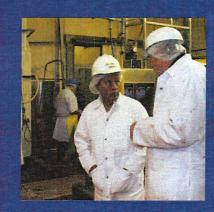




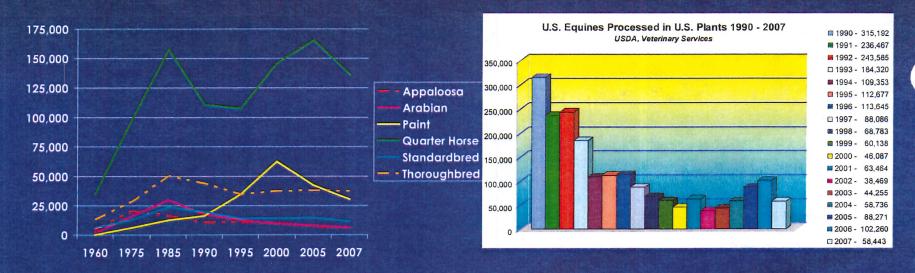
## Unwanted Horse/ Horse Slaughter Connection

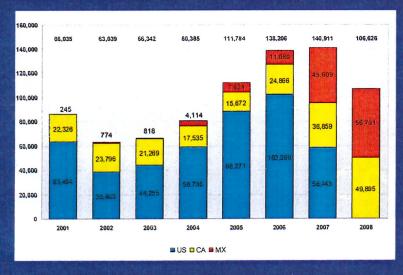
- Slaughtered horses represent the lowest economic level of the horses population and typify the "unwanted horse"
  - ☐ Set the bottom of the horse market
  - ☐ Market in U.S. driven by <u>availability of</u> <u>cheap horses</u>, not demand
- "Slaughter" (U.S.)
  - ☐ The humane ending of an animal's life under strict federal regulations and is used only when the carcass is processed at a licensed meat plant for food
- "Slaughter" (European Union)
  - ☐ Humane animal death, no matter the end result of the carcass.





# Trends in U.S. Horses Processed for Meat





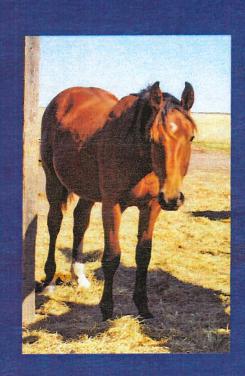


### What is an "Unwanted" Horse?

Phrase 1<sup>st</sup> coined by AAEP

\* "Horses which are no longer wanted by their <u>current</u> owner because they are old, injured, sick, unmanageable, or fail to meet their owner's expectations."\*

\* AAEP hosted Unwanted Horse meeting-2005



# Demographics of the "Unwanted" Horse

- Generally horses:
  - □ Old
  - □ Incurably lame
  - ☐ Behavioral problems
  - □ Dangerous
  - ☐ Un-adoptable feral horses (mustangs)
  - ☐ Fail to meet owner's expectations
    - ◆ Unattractive
    - ◆ Not athletic
    - Unmarketable
    - Wrong color (no color)
    - ◆ Cost too much to care for
  - □ Normal, healthy horses of various ages and breeds



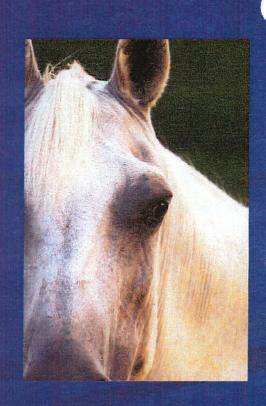




# Demographics of the "Unwanted" Horse

#### Initial Unknowns:

- ☐ What breeds are represented?
- ☐ Is there a sex predilection?
- ☐ What's their age?
- ☐ How many are purebred vs. grade?
- ☐ What was their most recent occupation?
- ☐ What was their original value?
- ☐ What is their current value?
- Do they become neglected, abused, or processed for meat?
- ☐ Who is responsible?

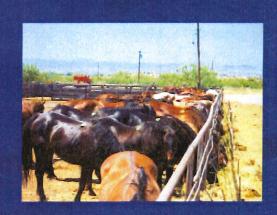


### How Many "Unwanted" Horses are There?

- ± 42,178 horses exported to Canada annually for processing in 2009\*
- ±46,098 horses exported to Mexico for processing in 2009\*
- As of Oct. 2010, 103,040 exported for processing
- Others
  - ☐ Indian Nations?
  - ☐ Abandoned/ neglected/ abused?

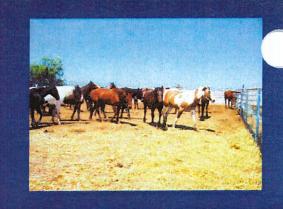
\*USDA, Veterinary Services
\*\*Bureau of Land Management





### How Many "Unwanted" Horses are there?

- **BLM Horses** 
  - ☐ BLM Free Roaming Horses & Burros
    Act of 1971
  - ☐ Since 1971, 235,000 horses & burros have been removed from federal lands & adopted
  - ☐ Herds double in size every 4 years
  - ☐ Horses over the age of 10 yrs or up for adoption 3 times go into long term holding facilities





### How Many 'Unwanted" Horses are there?

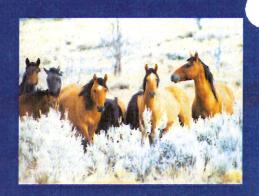
#### **BLM Horses**

- ☐ 26,400 un-adoptable feral horses in BLM funded sanctuaries\*
  - ♦ \$38 Mio spend each year
  - ◆ BLM budget \$63.9 Mio



- ◆ Cost per horse to remove \$1,392
- $\square$  38,400 feral horses on the 26.6 million acres
  - 180 Herd management Areas
  - ◆ 12,000 over range's capacity

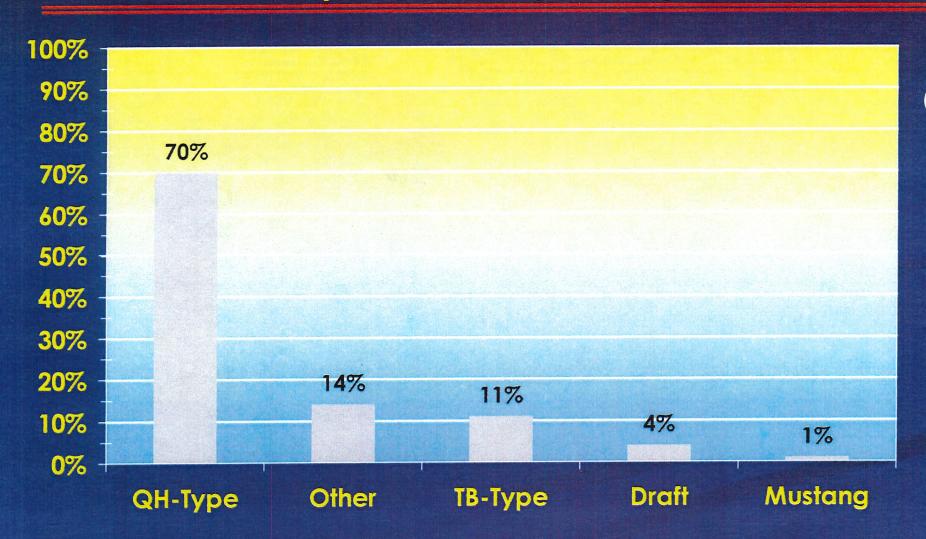




## Breed/Type of Horses Processed in U.S. 2001 — 2005

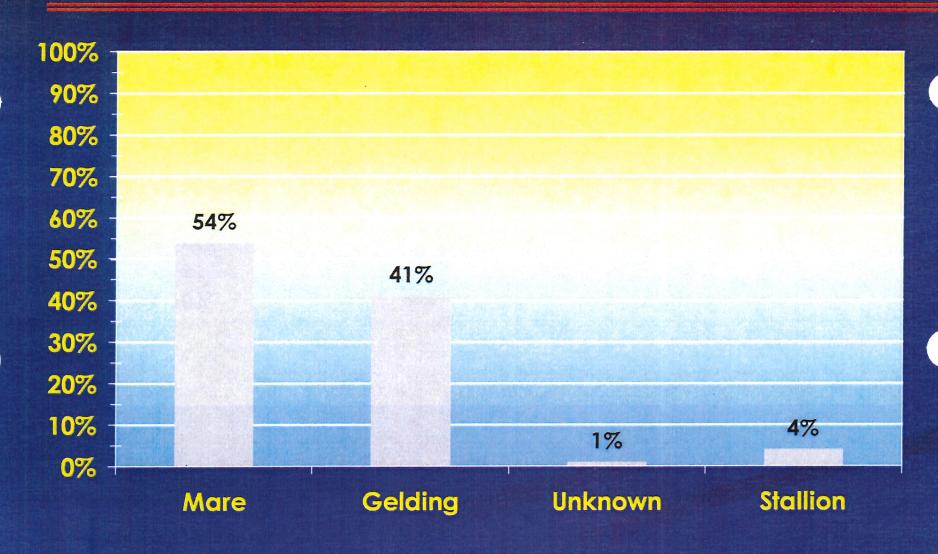
1-25

(USDA, Veterinary Services)



## Gender of Horses Processed in U.S. 2002 — 2005

(USDA, Veterinary Services)



### **Unwanted Horse Survey Highlights**

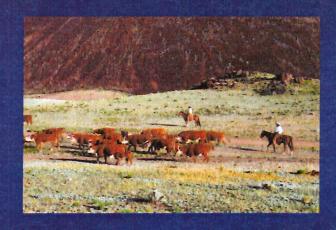
- Conducted February Dec. 2008-Feb. 2009
  - ☐No significant difference by region, district or state
- ❖ Website Survey 23,151 respondents
  - □20,484 horse owners
  - **□2,245** influencers
    - ◆ Veterinarians
    - ♦ Horse trainers
    - ◆ Equine media
    - ◆ Equine association staff
  - **□60** rescue facilities
  - **□422** non-horse owners



### **Unwanted Horse Contributing Factors\***

- Downturn in the economy
- Closing of nation's processing facilities
- High cost of euthanasia/ carcass disposal
- Indiscriminate breeding

\*UHC's National Assessment Study of Contributing Factors Surrounding the Unwanted Horse Issue, 2009. www.unwantedhorsecoalition.com

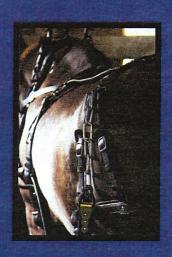






## Top Indexing Reasons Horses Become Unwanted

- Five relate to the owner and three are attributed to the horse itself
  - 1. Owner could no longer afford
  - 2. Horse was old/injured
  - 3. Horse was unmanageable/ trainable
  - 4. Owner lost interest in owning a horse
  - 5. Change in Owner's employment status
  - 6. Owner no longer had a use for the horse
  - 7. Horse did not meet owner's expectations
  - 8. Owner no longer had time to spend with the horse



### **Unwanted Horse Demographics\***

- Unwanted Horse most likely to be sold
  - ☐ Show/ competition horse
  - ☐ Quarter Horse/ Paint/ Thoroughbred
  - ☐ Did not meet owner's expectations
  - $\square$  3-10 years of age
  - $\square$  45% mares/ 48% geldings



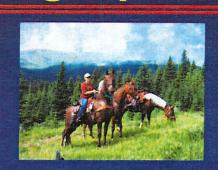
- Unwanted Horse most likely to be <u>donated</u>
  - ☐ Race horse
  - ☐ Thoroughbred/ Quarter Horse
  - ☐ Did not meet owner's expectations
  - $\square$  6-20 years of age
  - $\square$  33% mares/ 63% geldings



\*UHC's National Assessment Study of Contributing Factors Surrounding the Unwanted Horse Issue, 2009. www.unwantedhorsecoalition.com

### **Unwanted Horse Demographics**

- Unwanted Horse most likely to be euthanized
  - ☐ Recreational/riding horse
  - ☐ Horse was old or had terminal illness/injury
  - ☐ Quarter Horse/ Thoroughbred/ Arabian
  - □ 10-21+ years
  - $\square$  55% geldings/ 42% mares
- Stallions are seldom sold or donated
- 75% of unwanted horses sold/donated/euthanized were registered







## Horse Owners and Stakeholders have shared beliefs

- Horses are an integral part of their lifestyle & a vital part of their livelihood
- Believe the public and media do not fully understand the challenges of caring for, training and maintaining horses

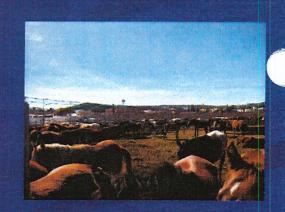


- Top contributors to unwanted horse problem
  - Closing of processing plants
  - ◆ The economy
  - Irresponsible breeding
  - High cost of euthanasia/carcass disposal
- Responsible for solving horse owners / breeders
- Solutions reopen plants /educate owners / rescue funding



## Rescues and non-owners have shared beliefs

- Rescue operators are voluntary caretakers who are passionate about their work
- Voice their opinions through the media and other public forums
- Believe processing plants should <u>never</u> be reopened
- Top contributors
  - ☐ The economy
  - ☐ Irresponsible breeding
  - ☐ Closing of plants <u>not</u> a factor
- Responsible for solving equine associations / breeder
- Solutions \(\gamma\) rescue funding / educate owners



### **Unwanted Horse Survey Highlights**

- Rescue/ Retirement/ Retraining Facilities
  - ☐ American Defense Fund lists 432 rescue facilities nationally
    - Average maximum capacity 42 horses
    - Can handle 18,060 horses
  - □ UC-Davis Study
    - 326 registered non-profit rescues
    - ◆ Can handle 13,400 horse
  - □ Depend on public donations
    - 58% private donations
    - 25% owner's personal income
    - ◆ 12% facility fees
    - 5% grants
  - □ Average maintenance cost per horse per year \$2300
  - As many horses stay at facility for life as are adopted out



### Top Indexing Solutions for Unwanted Horse\*

- ☐ Educate owners to breed, purchase, & own responsibly.
- ☐ Increase ability of private rescue/retirement facilities to care for unwanted horses.
- ☐ Reopen U.S. processing plants.
- ☐ Increase options & resources to euthanize & dispose of unwanted horses.

\*UHC's National Assessment Study of Contributing Factors Surrounding the Unwanted Horse Issue, 2009







#### **Unwanted Horse Survey Highlights**

- Survey Respondent's <u>Least</u> Appealing Solutions:
  - Expand legislation or regulation to control horse
  - Secure federal funding for carcass removal
  - Secure federal funding to expand horse adopti



# Annual U.S. Equine Mortality Slaughter vs. Death/Euthanasia

- □Horses processed for meat ± 112,000 (1.24%)
- Died/euthanized (30 days of age or older)  $\pm 167,000 (1.8\%)^*$
- $\Box$ Total Mortality  $\pm$  270,000 horses (3% $\pm$ )\*\*
- □%'s similar to 1998 report

\*USDA & NAHMS 2005 Report

\*\*AHC estimates U.S. Horse population-9 million

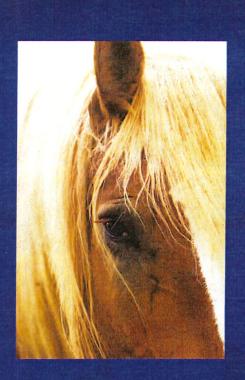


### Economic Impact: Euthanasia & Disposal vs. Care

- Cost of euthanasia & disposal @\$383/ Head\*
  - ☐ \$38.3 Million/year

\*National Assessment Study of Contributing Factors Surrounding the Unwanted Horse. 2009. www.unwantedhorsecoalition.com

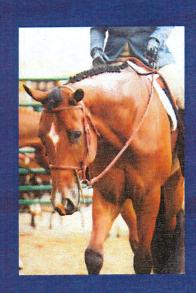
\*\*North MS, Bailey D. 14th Annual World Food and Agribusiness Forum, 2004



# Current Options for "Unwanted" Horses?

- Change of occupation
- Rescue/retirement facilities
- Adoption
- Donation to teaching/research institution
- Donation to therapeutic riding program
- Euthanasia at processing plant
- Euthanasia at request of owner
- Abuse/Abandonment/Neglect





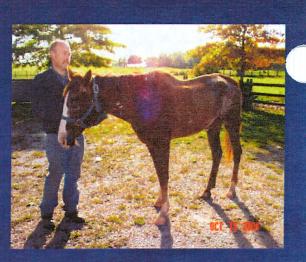
#### **Euthanasia**

- One of the most difficult decisions for any horse owner
- Decision frequently avoided unless forced upon owner
- Derived from the Greek terms:
  - □Eu good
  - □Thanatos death



#### Euthanasia Eu – good/ Thanatos - death

- A "good death" occurs
  - ☐ With minimum pain
  - ☐ At a time in a horse's life that prevents unnecessary pain & suffering
- Criteria: Based on Medical Assessment
  - ☐ Condition presents a hopeless prognosis
  - ☐ Horse's condition causes unnecessary pain & suffering
  - ☐ Horse is a hazard to itself or its handlers
  - ☐ Horse requires continuous medication for relief of pain for the remainder of it's life
- "No longer meets owners needs"????



#### Euthanasia

- Acceptable methods:\*
  - **□**Barbiturate Overdose
  - **□**Gunshot
  - **□**Penetrating Captive Bolt

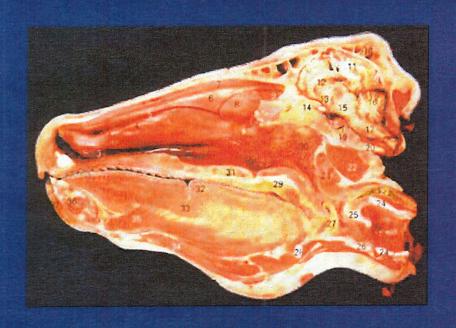


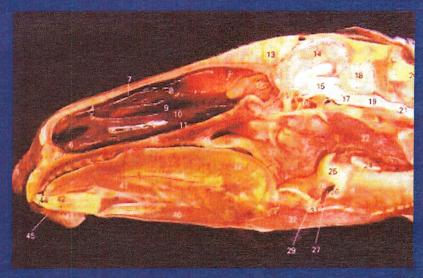
\*2000 AVMA Panel on Euthanasia-a 17 member panel of experts on animal behavior anesthesiology, animal protection, equine practice, neuroscience, small animal practice, wildlife biology-JAVMA, Vol. 218, 3/1/2001



# Are the Equine and Bovine Skulls Different?

(Courtesy - Dr. Nat Messer, Univ. of Missouri)





#### **Carcass Disposal**

- Must be done in a safe manner that does not pose a hazard to people or animals
- Wide variation
  - **within animal species**
  - states, counties and municipalities



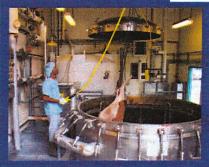
#### **Current Disposal Options**

- **♦ Landfills...\$80-500**
- ❖ Rendering...\$75-250
- ❖ Cremation...\$600-2000
- Composting
- **❖ Bio-digestion...\$225-1100**
- Processing for Meat









# American Horse Slaughter Prevention (Morella) Act - 2001

- Horse Industry View on Legislation
  - $\square$  Adequate regulations <u>already</u> in place.
    - Increase oversight & enforcement
  - ☐ Legislation provides no infrastructure to address welfare of horses no longer removed from the horse population
  - ☐ Legislation does not address carcass disposal issue
  - Legislation does not provide enforcement plan or agency
  - □ Legislation does not provide funding for enforcement plan





#### Legislation Affecting U.S. Horse Slaughter

- State laws closed all three U.S. plants in 2007
  - ☐ 1949 Texas Ag code
  - □ 2007 Illinois-HB1711
- 2009 pending legislation
  - ☐ <u>H.R. 503</u>/ <u>S.727</u>-Prevention of Equine Cruelty Acts of 2009
    - Amends horse protection act-illegal to sell, ship, etc. horse for slaughter for human consumption
    - Prevents export of horses to Mexico or Canada for slaughter
  - H.R. 305 –Horse Transportation Safety Act of 2009
    - Prohibits transport of horses in double-decker trailers
- GAO Study -Sen. Brownback (R) KS
  - Status of horse welfare after plants closed
  - Affect closures have had on farm/ranch income





### **USDA Transport Requirements**

1996 Farm Bill gave USDA responsibility for regulating commercial transport of horses to slaughter & ensures:

- Each horse is fit for travel
- Horses provided food, water and rest prior to loading on vehicles
- Each horse has enough floor space to avoid injury or discomfort.
- Stallions or aggressive horses are completely segregated
- Transport documents certify the date, time and place the equine(s) were loaded on conveyance.





#### Horse Transportation Studies

- Temple Grandin Study (CSU-1999)
  - ☐ 63 trailer loads arriving at U.S. processing plants
    - ♦ 92% arrived in good condition
    - ♦ 7.7% had welfare issues
      - Poor Body Condition
      - Foot & limb problems
      - Lacerations
    - Fighting was major cause of injuries during shipment
    - ◆ 77% of welfare issues were due to neglect or abuse by owner
- Caroline Stull Study (UC-Davis-1999)
  - ☐ 29.9% injury rate in double-decker trailers
  - 8% injury rate in straight trailers





#### **Anticipated Slaughter Federal Legislation**

- Likely new anti-slaughter legislation will be reintroduced in 2011
- United Organizations of the Horse may introduce alternative legislation
  - ☐ Tightening of regulations on horse transportation and slaughter
- Change in leadership of House Appropriations Agriculture Subcommittee could reinstate USDA Inspector's salaries
- New Sustainable BLM plan
  - "Everything on table except euthanasia & unrestricted sale"
    - ◆ Bob Abbey Director BLM



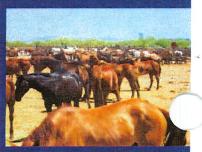
### Mexican Horse Processing Plants Inspection (November 9, 2008)

- Drs. Doug Corey, Sergio Salinas, & Tom Lenz
- TIF- Federal Inspection Type Plant
  - ☐ One of two Mexican based plants processing American horses as well as Mexican horses.
  - ☐ Meat sent to Europe and Japan
  - ☐ Arrive in trailers sealed at U.S. border
  - ☐ Horses handled properly
  - ☐ Euthanized humanely with penetrating captive bolt



- ☐ Processes Mexican horses and meat consumed in Mexico
- ☐ Well run, horses euthanized with penetrating captive bolt
- Canadian Horse Processing Plants







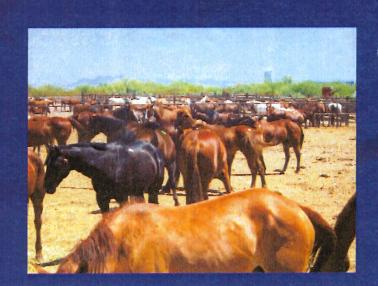


### Mexico/ Canada Meat Processing Facilities

#### Mexican Plants

- ☐ TIF Plants (Tipo Inspección Federal)
  - ◆ Destination of all U.S. horses
  - Meet European standards
  - ◆ SAGAPA Vet. Inspectors
  - ◆ Captive bolt euthanasia
- ☐ Municipal Plants
  - ◆ Process Mexican horses
  - Meet Mexican Standards
- ☐ "Clandestine" Plants
  - ◆ Not regulated
  - "Puntilla" euthanasia?
- Canadian Plants





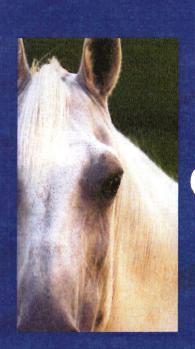
1.5%

## Affect of Unwanted Horse issue on U.S. Horse Industry

- Debate over horse slaughter has polarized the industry
  - ☐ Extremely emotional issue!
- Lowered prices paid for mid to low-end horses
  - ☐ Average registered QH \$6840\*
  - ☐ Average farm/ranch horse \$2834\*\*
  - ☐ Ft. Collins Weekly Horse Sale \$23 \$380
  - ☐ Bonner Springs, KS Horses \$250/ Yearlings \$50-100
- Significant increase in number of horses abandoned or neglected
  - □ 3/23/08 USA Today "U.S. Shelters Saddled with Unwanted Horses"
  - ☐ 3/24/09 Southern Maryland Online "Homeless, Neglected Horses Multiply as Maryland's Equine Industry Struggles"

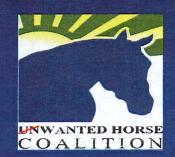
## Affect of Unwanted Horse issue on U.S. Horse Industry

- 4 69% of rescue, retirement, retraining facilities at or near capacity
  - ☐ Turn away 38% of horses presented
  - ☐ As many stay at rescue for life as are adopted out
- Increased activity by animal activists
  - ☐ Increased fund raising opportunity
  - ☐ Increased criticism of horse industry
  - ☐ Increased lobbying efforts
- Drawn the attention and input of the nonhorse owning public
  - pressure on government leaders to impose regulations



### Industry Efforts to Resolve Problem

- Unwanted Horse Coalition
  - ☐ Raise awareness & educate horse owners
  - ☐ Castration/ hay banks
  - Unwantedhorsecoalition.com



- Jockey Club Voluntary Check-off Program
  - ☐ Focused on TB retraining & adoption
  - □ Donations matched by Jockey Club



- AQHA Full Circle Program
  - ☐ Original owner option to adopt horse back



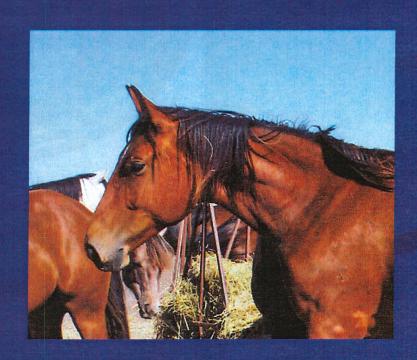


#### **Lessons Learned**

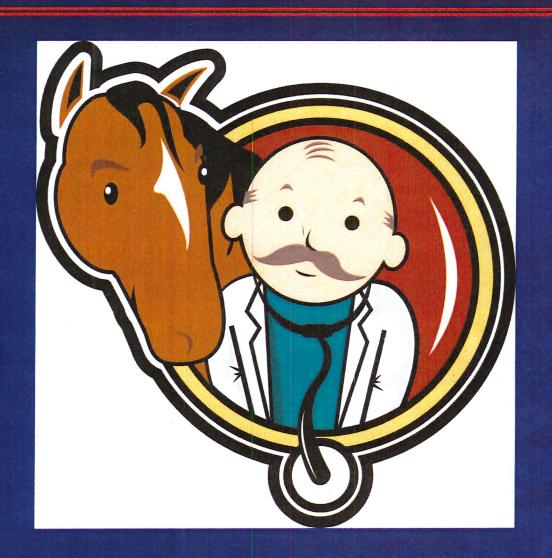
- Our viewpoints on animal welfare are conditioned by our individual knowledge base and life experiences
  - ☐ Farm vs. Urban background
  - ☐ Companion animal vs. Livestock
    - Care, compassion, guardian, humane vs.
    - Production medicine, herd health care, harvest
- And.....there are other players in the welfare debate
  - ☐ Equine-Related Businesses
  - ☐ Your neighbor or friends in the city
  - ☐ Animal protection activists
  - □ Public officials



- Horse industry has turned it's attention to the issue
- We cannot <u>completely</u> eliminate the "unwanted horses" problem
- We cannot prevent
  - ☐ Aging
  - ☐ All Injuries
  - □ Poor athletes
  - □ Unattractive horses
- We can minimize it
  - ☐ Buy rather than breed
  - ☐ Adopt rather than buy
  - ☐ Find alternative careers
  - □ Euthanize rather than discard



### Thank You



#### Bio for Dr. Tom Lenz

Active in equine private practice, academia, and industry for over 35 years, Dr. Lenz is a Past President of the American Association of Equine Practitioners (AAEP). He graduated from the University of Missouri's College of Veterinary Medicine in 1975, earned a Master of Science degree in Equine Reproduction from Texas A&M in 1988 and is a Diplomate of the American College of Theriogenologists(animal reproduction).

A long time advocate for the health and welfare of the horse, he has chaired the AAEP's Welfare Committee, served on the American Veterinary Medical Association's (AVMA) Welfare Committee and currently serves on the welfare committees of the American Horse Council and the Professional Rodeo Cowboy's Association. In recognition for his efforts in equine welfare, Dr. Lenz is the recipient of the AVMA's 2010 Animal Welfare Award. He is a trustee of the American Horse Council, where he is the immediate past Chair of their Unwanted Horse Coalition. In addition, Dr. Lenz is an Honorary Vice President of the American Quarter Horse Association (AQHA), where he chairs the AQHA Research Committee and writes a monthly horse health column for the *Quarter Horse Journal*. He is currently Senior Director of Equine Veterinary Operations for Pfizer Animal Health.