

# *New Mexico Livestock Board*

Serving and Protecting  
the producers and the  
integrity of the  
livestock industry  
since 1887.

**William Bunce, Executive Director**

**October 28, 2016**



> 29,000 Equine Inspections – CY 2015  
> 25,400 Equine Inspections YTD - 2016



**One of the most vibrant, equine based agri-tourism economies in the United States**



**+ - \$50 Million in purse money**  
**+ - \$40 Million in on-site  
wagering**  
**+ - \$50 Million in simulcast  
wagering**

**A 2012 NMSU study suggested  
NM's horseracing economic  
impact was about \$386 million  
(in 2006), not including the  
effects of racetracks or  
associated gaming activities.**



# 2016 EHV-1 Outbreak

- ▶ **How it all began**
  - ▶ First confirmed case  
1/21/2016–Sunland Park
  - ▶ By 1/22/2016, 4  
quarantined facilities
  - ▶ Approx. 3000 horses  
under quarantine
- ▶ **Diagnosis**
  - ▶ Clinical signs
  - ▶ PCR (polymerase chain  
reaction test) on whole  
blood and nasal swabs

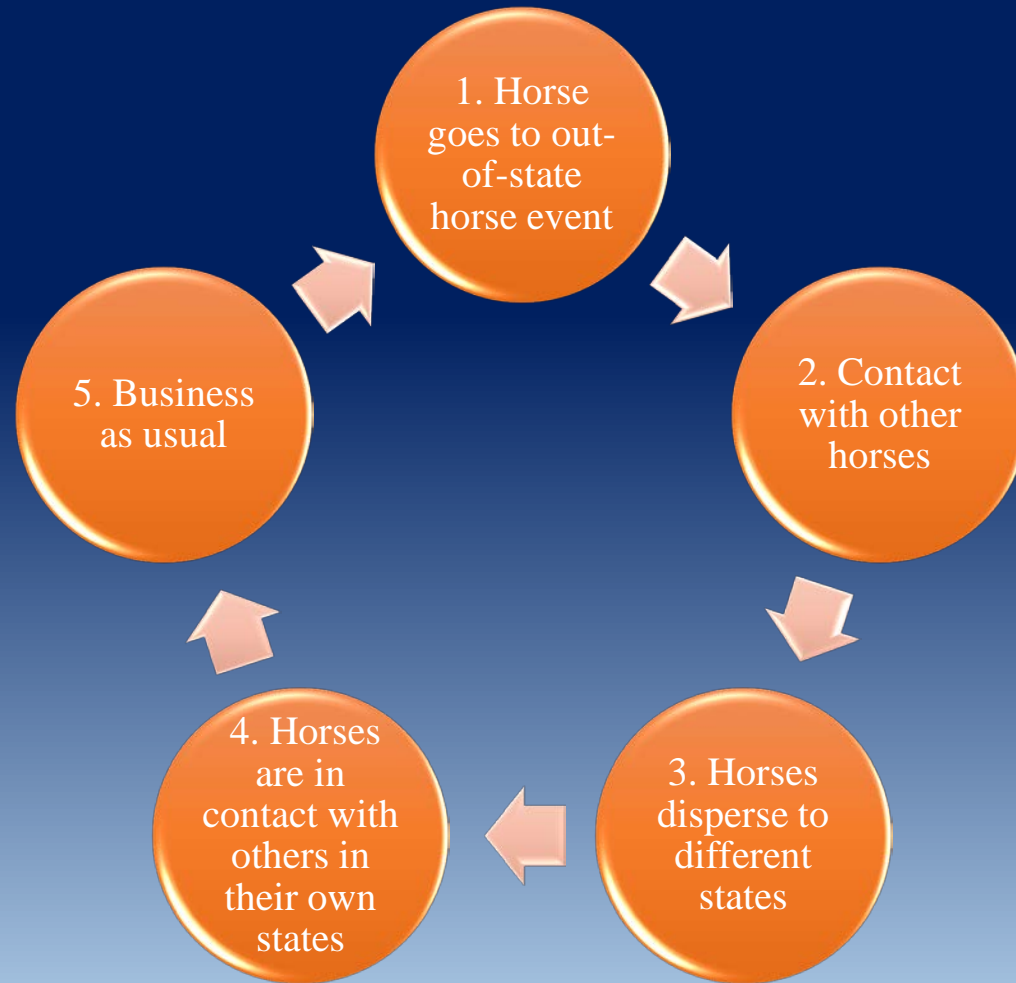


# Previous EHV-1 Outbreak



- Natl. Cutting Horse Association  
April 29- May 8, 2011 – Ogden, Utah
- More than 400 horses exposed in 19 states
- 1635 horses at risk for secondary exposure
- 90 confirmed cases in 10 states, 13 dead horses
- Of the 90 confirmed, 54 had been at show

# Normal Movement of Animals



# Why Issue a Quarantine ?





# 2016 EHV-1 Outbreak

- ▶ Establishing a Plan
  - ▶ Test and isolate based on clinical signs
    - ▶ Fever
    - ▶ Neurological signs
- ▶ Isolation barn on site
- ▶ Individual quarantined barns within a quarantine
- ▶ Biosecurity protocols
  - ▶ Twice daily temperatures
  - ▶ Disinfection
  - ▶ PPE

## Lip Tattoo



# Explaining the Importance of Biosecurity

- Highly contagious : aerosol and mechanical transmission
- Horse owners and trainers urged to take biosecurity measures
- Cleaning and disinfecting surfaces or items horses come in contact with
- Controlling foot, vehicle, and pet traffic on the racetrack grounds
- Wearing plastic boot covers, sanitizing footwear and clothing



# The Cost of EHV-1

## ▶ Personnel

▶ NMLB, NMDA, NMSU, “ALIRT” DVM’s  
NM State Police, Sunland Park Police Dept.  
Sunland Park Racetrack Administration  
& Security Personnel

## ▶ Mileage

▶ >13,000 miles  
▶ >\$6,000 in fuel

## ▶ Time

▶ Over 1,000 hours worked  
▶ Over 40 hours of conference calls



# The Stress of EHV-1

- ▶ On the Animal Side
  - ▶ Worst outbreak in New Mexico history
  - ▶ Risk to interstate movement
  - ▶ Risk to international protocol
- ▶ On the Human Side
  - ▶ Mechanical transmission from human to horse
- ▶ Teaching disease prevention
  - ▶ limit exposure, isolate, avoid contact between sick individuals, biosecurity



# 2016 EHV-1 Outbreak

- ▶ Communication
- ▶ No news is not good news
  - ▶ Education and outreach to trainers and owners
  - ▶ Media communication



# The Cost of EHV-1

- ▶ Traceability
  - ▶ 1632 horses on Sunland Racetrack
  - ▶ Approx. 1000 horses that had moved to - or were in adjacent facilities
- ▶ Total tally
  - ▶ 73 confirmed positive horses
  - ▶ 12 neurologic cases
  - ▶ 7/12 recovered
- ▶ Euthanasias – 11
  - ▶ 6/11 clinical signs
  - ▶ 5/11 owner's request



# The Cost of EHV-1

## ▶ Testing- NMDA VDS

- ▶ 407 blood samples
- ▶ 413 nasal swabs
- ▶ \$36.50/sample

## ▶ ALIRT Vets

- ▶ Deployment of 4 vets
- ▶ Approx. 1,000 miles
- ▶ Approx. 60 hrs.





# Fiscal Impact

Agency Costs Related to Sunland Park EHV-1 Quarantine					
January thru February 2016					
	<b>Personnel Hours</b>				<b>Expense</b>
	Inspection Staff	1,022 hrs			33,851
	Veterinarian Staff	204 hrs			9,458
	Administrative	175			10,435
					\$ 53,744
	<b>Staff Travel</b>				
	Per Diem	3,029			\$ 3,029
	<b>Vehicle Use</b>				
	Mileage	16,765			\$ 7,712
	<b>Contract Veterinarian Staff</b>				
	Contract Costs	5,747			5,747
	NMDA Testing (NMRC)	29,930			29,930
					\$ 35,677
	<b>Supplies</b>				
	Supply Cost	1,079			\$ 1,079
				<b>Total Expense</b>	<b>\$ 101,241.00</b>

# The Risk to New Mexico from EHV-1

- On the Economic Side
  - \* Employment - On track & off track.
  - \* Southern New Mexico and Statewide losses
- Economic Multiplier Effect
- Tax Revenue – since 1998, Sunland Park has paid over \$398 million in taxes
- Purse money \$ - Since 1998, Sunland Park has paid out over \$295 million in purses.

**DATE: JAN – MAR, 2016**

**PROGRESS NOTES EHV-1 SUNLAND PARK RACETRACK**

**21- Jan – 2016**

**- First confirmatory case-**

**Quarantines initiated and temperatures taken**

**25-Jan**

**12 horses diagnosed from 9 exposed barns**

**28- Jan**

**26 horses confirmed positives -17 exposed barns**

**USDA Epidemiologist moves into NMLB office**

**2-February**

**35 confirmed positives out of population >1600**

**3-February**

**Total-to-date 5 animals euthanized**

**3- February**

**48 Confirmed positives out of 19 exposed barns**

**8-February**

**56 confirmed positives out of 20 exposed barns**

**19- February**

**72 confirmed positive (NM) + 2 in Texas**

**27- February**

**73 confirmed positives (NM) +2 in Texas**

**7- March**

**Racing resumes**

**9- April**

**Last positive**

# What If...?

- ▶ Risk to Interstate Movement of all horses from/to/through New Mexico
  - ▶ Loss of confidence and acceptance of equine imports to other states
  - ▶ Risk to the national racing industry
  - ▶ Risk to breeding facilities
  - ▶ Impediment to any equine event
  - ▶ Economic impact to the equine industry and agri-tourism
  - ▶ Loss of credibility and reputation at a national and international level



