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NEVADA DEPARTMENT of AGRICULTURE Agency Review & Update

Paul Iverson, Director
Don Henderson, Asst. Director
February 10, 2003

NV DEPT of AGRICULTURE

Vision

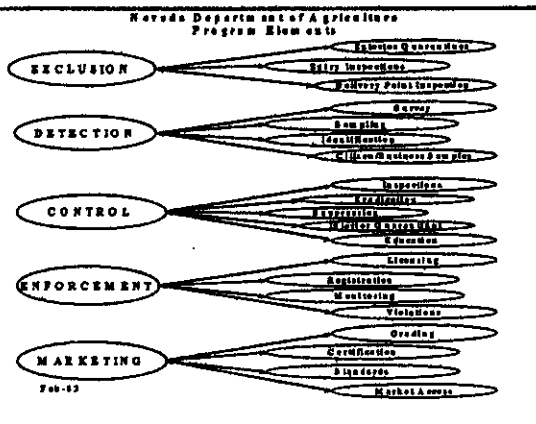
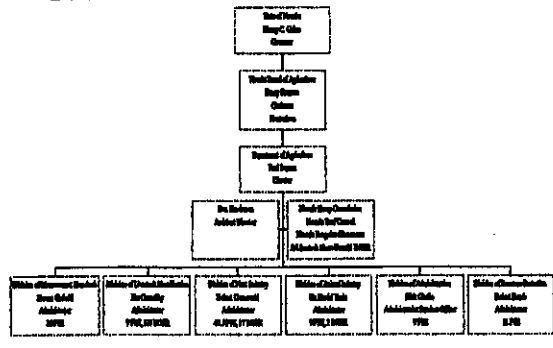
As we move into the 21st century, the Dept. of Agriculture envisions a Nevada where present and future generations enjoy a quality of life which includes a safe and productive environment that incorporates protection and encourages an economically vibrant agricultural industry. We also see the Department as being able to carry out its regulatory and service programs in an effective, efficient, and professional manner.

NV DEPT of AGRICULTURE

Mission Statement

The mission of the Department of Agriculture is to benefit the welfare of all persons residing in the state by encouraging the advancement and protection of Nevada's agriculture and related industries.

NV DEPT of AGRICULTURE



EXCLUSION

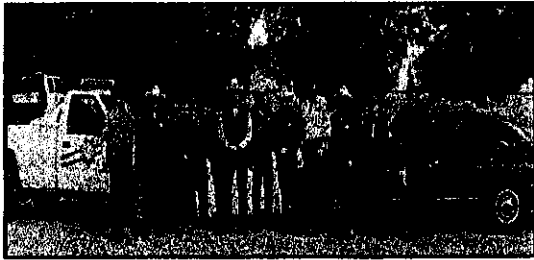


Border enforcement of pests
Carried on nursery stock



Road enforcement of
animal diseases and brands

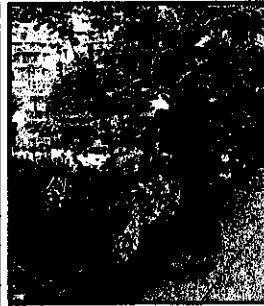
EXCLUSION



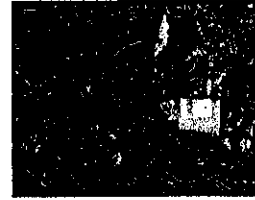
Agricultural Enforcement Unit

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DETECTION



Nursery Inspection



Imported fire ant trapping

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West Nile Virus

- First isolated in West Nile District, Uganda, 1937
- Commonly found in humans and birds and other vertebrates in Africa, Eastern Europe, West Asia, and the Middle East, but was not previously documented in the Western Hemisphere prior to 1998
- Basic transmission cycle involves mosquitoes feeding on birds infected with the West Nile virus
- Infected mosquitoes then transmit West Nile virus to humans and animals when taking a blood meal

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West Nile Virus Surveillance Activities Since 3/1/01

• Health Division

Human cases

• Department of Agriculture

Sentinel Chickens Flocks	Wild Bird Sampling
Mosquito Pools	Dead Bird Sampling
Wild Horse Sampling	Ill Domestic Horses

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West Nile Virus

- Nevada is currently free of this disease
- Nevada is likely to become infested
- Detection of equine WNV will help define areas of infestation.
- The detection WNV equine cases will not predict human cases.
- Vaccination of horses is recommended

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CONTROL



African rue eradication



Produce condition inspection

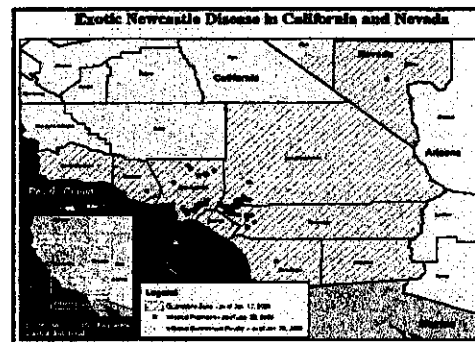
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EXOTIC NEWCASTLE DISEASE ERADICATION

- Exotic Newcastle Disease is a contagious and fatal viral disease affecting all species of birds.
- It is one of the most infectious diseases of poultry in the world.
- It is so virulent that many birds die without showing any clinical signs, and a death rate of nearly 100 percent can occur.
- Chickens and Eggs are Safe to Eat.
- This disease has NO Public Health Consequences.

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EXOTIC NEWCASTLE DISEASE



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CONTROL



Continuing education of pest control applicators

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CONTROL

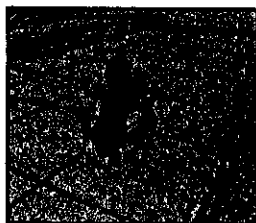


Control of birds near airports to reduce the risk of jet engine damage

Control of a duck in a hotel swimming pool

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ENFORCEMENT



Soil sampling for adequate pre-termite treatment



Rejection of a shipment in violation of a quarantine

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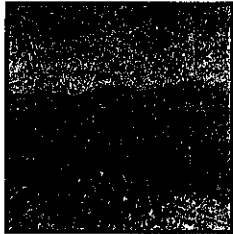
ENFORCEMENT



Enforcement of accuracy of a fuel meter

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MARKETING



Garlic field sample collection for certification



Garlic sample preparation for nematode analysis

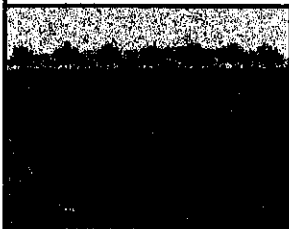
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MARKETING

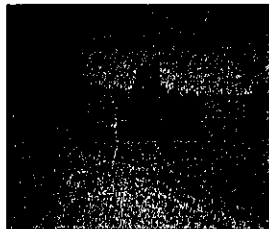
- Phytosanitary certification of \$6.4million in exports:
 - Alfalfa hay shipped to Japan
 - Garlic seed shipped to Spain
 - Dehydrated onions and garlic shipped to Australia and New Zealand
 - Onions shipped to Mexico
 - Mushroom Span shipped worldwide
- Free sale certification of 15.9 million pounds of breakfast cereal, hydrolyzed protein and cigars
- Heat treatment certification of 666,233 pounds of telephone equipment and minerals shipped to China

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MARKETING



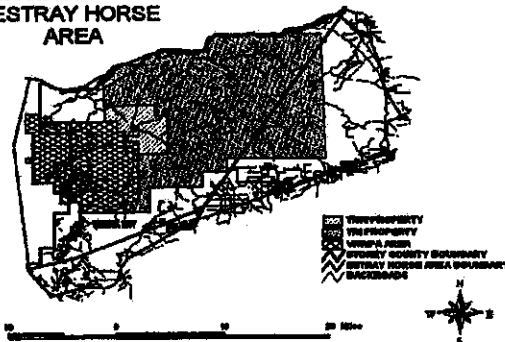
USDA specialty crop grant funds used to assist the development of wine grape production.



USDA specialty crop grant funds used to assist the development of native seed production.

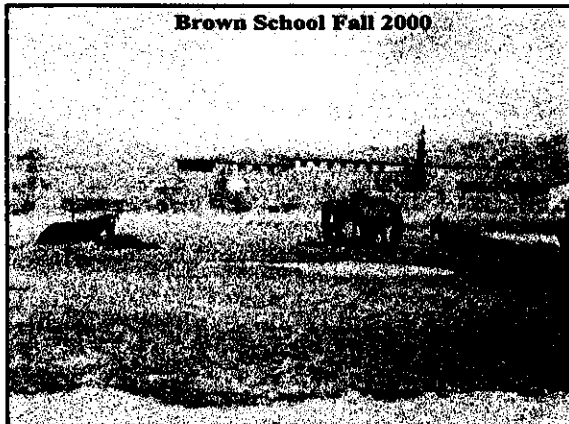
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VIRGINIA RANGE ESTRAY HORSE AREA



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Brown School Fall 2000



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V.R. ESTRAY HORSE PROGRAM Program Goals

- Remove excess horses and adopt or place them in good homes or preserves
 - Remove horses where human safety concern
 - Remove horses where they are in harms way
 - Remove horses to match habitat capacity
- Target population of 400-600 head for herd area
- Evaluate range conditions to assess carrying capacities.

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VIRGINIA RANGE ESTRAY HORSE PROGRAM



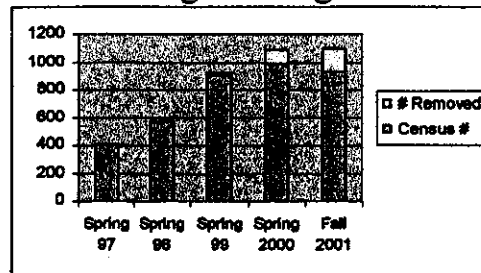
Estray horse training facility



Estray horses

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Virginia Range



	Spring 97	Spring 98	Spring 99	Spring 2000	Fall 2001
Census #	413	668	900	952	932
# Removed	0	0	25	102	166
Total	413	668	925	1054	1098

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NDOA BILL DRAFT REQUESTS

- NDOA has submitted 7 bill draft requests for consideration this session.
- Most of these BDRs streamline or provide clarification for department programs to increase effectiveness and efficiencies.

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NDOA BILL DRAFT REQUESTS

BDR 565

Changes the method Weights & Measures collects fees (from testing fees to licensing fees) and updates 1911 state law to conform with National Institute for Standards and Testing (NIST) model law.

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NDOA BILL DRAFT REQUESTS

BDR 566

Amends state statutes for certification of organic products to conform with recently established Federal rules.

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NDOA BILL DRAFT REQUESTS

BDR 567

Amends state fertilizer statutes to:

- Track sale of fertilizers that may be used as explosives
- Regulate contaminants (i.e., heavy metals)
- Add penalty for selling unregistered fertilizers
- Streamlines process for registering fertilizers or agricultural minerals

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NDOA BILL DRAFT REQUESTS

BDR 568

- Clarifies NRS 586.250 by requiring each pesticide brand to be registered and eliminating same formula exemption
- Allows for surplus pesticide disposal funds to be applied to the groundwater & surface water pollution monitoring and protection program

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NDOA BILL DRAFT REQUESTS

BDR 569

- Allows NDOA to adopt regulations to recover costs for services, products or publications
- Transfers the deposit of pest control licensing fees from Plant Industry (4540) to Agricultural Registration & Enforcement Account (4545)

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NDOA BILL DRAFT REQUESTS

BDR 570

- Eliminates Sheep Commission & adds sheep industry representative to State Agriculture Board
- Removes NV Beef Council from State government
- Allows Brands Division to recover costs for special services associated with lien filings
- Defines "feral livestock" and allows designation of feral livestock areas
- Clarifies ambiguity in diseased animal terminology and allows for indemnity at fair market value for animals destroyed for public protection

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NDOA BILL DRAFT REQUESTS

BDR 571

- Change procedures for depositing fines to General Fund accounts
- Clarifies terminology relating to plant diseases & pests
- Clarifies nursery licensing requirements and allow costs to be assumed by violators
- Clarifies means of "incidental" pest control applications & improves enforcement efficiencies

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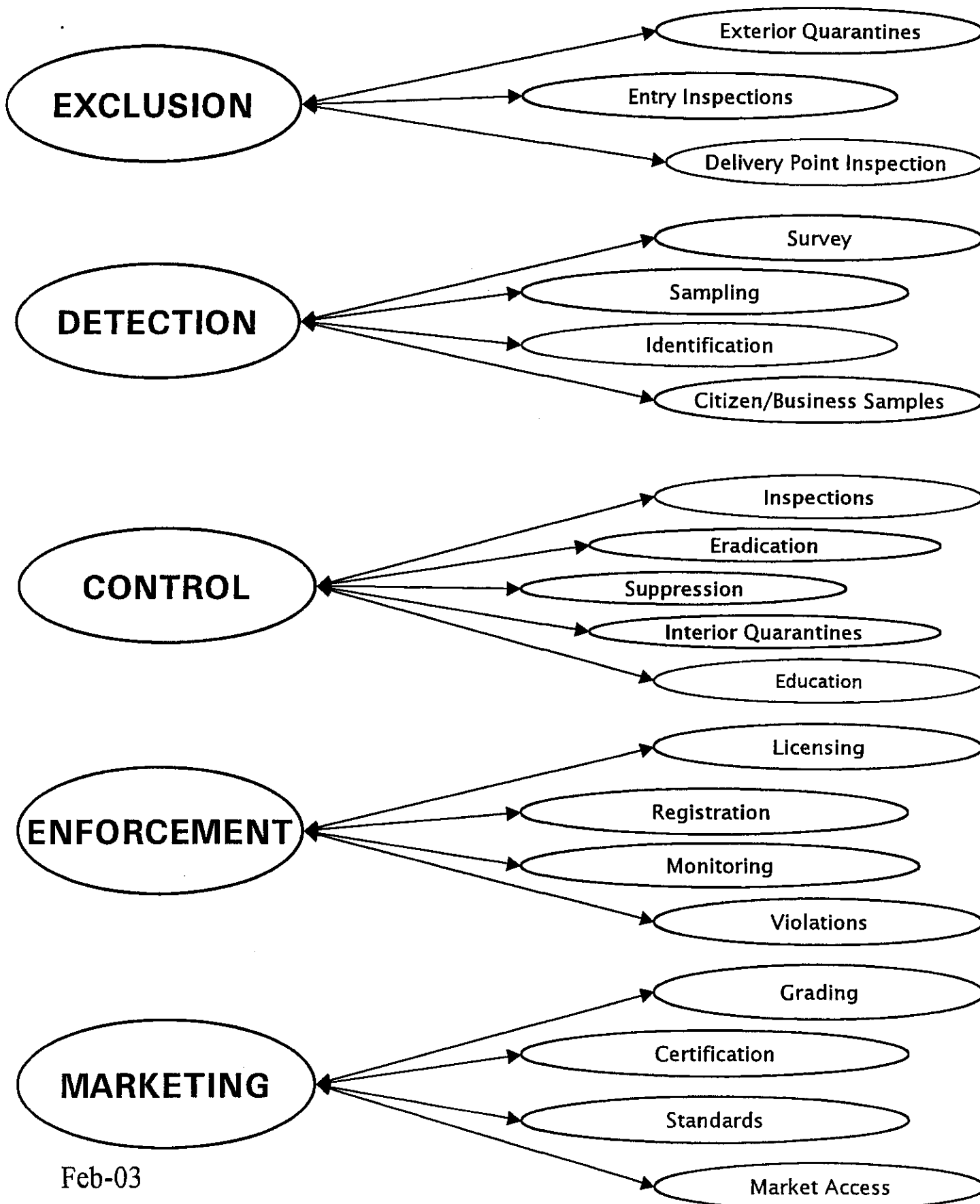
Nevada Department of Agriculture

For more information or assistance:

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Nevada Department of Agriculture Program Elements



Feb-03