

## Status of Current Eradication Programs

Current VS disease eradication programs include cooperative State-Federal efforts directed at cattle and swine brucellosis; bovine and cervid tuberculosis; and pseudorabies in swine. The following table shows the status of States in these programs.

State	Cattle Brucellosis*	Swine Brucellosis**	Bovine TB***	Cervid TB***	Pseudorabies****	Scrapie*****
	Last Update Oct. 10, 2008	Last Update Oct. 10, 2008	Last Update Oct. 10, 2008	Last Update Oct. 10, 2008	Last Update Oct. 10, 2008	Last Update Oct. 10, 2008
AL	Free	Free	Free	MA	Stage 5	Consistent
AK	Free	Free	Free	MA	Stage 5	Consistent
AR	Free	Free	Free	MA	Stage 5	Consistent
AZ	Free	Free	Free	MA	Stage 5	Consistent
CA	Free	Free	MAA	MA	Stage 5	Consistent
CO	Free	Free	Free	MA	Stage 5	Consistent
CT	Free	Free	Free	MA	Stage 5	Consistent
DE	Free	Free	Free	MA	Stage 5	Consistent
FL	Free	Free	Free	MA	Stage 5	Consistent
GA	Free	Free	Free	MA	Stage 5	Consistent
HI	Free	Free	Free	MA	Stage 5	Consistent
IA	Free	Free	Free	MA	Stage 5	Consistent
ID	Free	Free	Free	MA	Stage 5	Consistent
IL	Free	Free	Free	MA	Stage 5	Consistent
IN	Free	Free	Free	MA	Stage 5	Consistent
KS	Free	Free	Free	MA	Stage 5	Consistent
KY	Free	Free	Free	MA	Stage 5	Consistent
LA	Free	Free	Free	MA	Stage 5	Consistent
MA	Free	Free	Free	MA	Stage 5	Consistent
MD	Free	Free	Free	MA	Stage 5	Consistent
ME	Free	Free	Free	MA	Stage 5	Consistent
MI	Free	Free	MA/MAA/Free	MA	Stage 5	Consistent
MN	Free	Free	MA/MAA	MA	Stage 5	Consistent
MO	Free	Free	Free	MA	Stage 5	Consistent
MS	Free	Free	Free	MA	Stage 5	Consistent
MT	Class A	Free	Free	MA	Stage 5	Consistent
NC	Free	Free	Free	MA	Stage 5	Consistent
ND	Free	Free	Free	MA	Stage 5	Consistent
NE	Free	Free	Free	MA	Stage 5	Consistent
NH	Free	Free	Free	MA	Stage 5	Consistent
NJ	Free	Free	Free	MA	Stage 5	Consistent
NM	Free	Free	MAA	MA	Stage 5	Consistent
NV	Free	Free	Free	MA	Stage 5	Consistent

NY	Free	Free	Free	MA	Stage 5	Consistent
OH	Free	Free	Free	MA	Stage 5	Consistent
OK	Free	Free	Free	MA	Stage 5	Consistent
OR	Free	Free	Free	MA	Stage 5	Consistent
PA	Free	Free	Free	MA	Stage 5	Consistent
RI	Free	Free	Free	MA	Stage 5	Consistent
PR	Free	Free	Free	MA	Stage 5	Consistent
SC	Free	Free	Free	MA	Stage 5	Consistent
SD	Free	Free	Free	MA	Stage 5	Consistent
TN	Free	Free	Free	MA	Stage 5	Consistent
TX	Free	Stage 2	Free	MA	Stage 5	Consistent
UT	Free	Free	Free	MA	Stage 5	Consistent
VA	Free	Free	Free	MA	Stage 5	Consistent
VI	Free	Free	Free	MA	Stage 5	Consistent
VT	Free	Free	Free	MA	Stage 5	Consistent
WA	Free	Free	Free	MA	Stage 5	Consistent
WI	Free	Free	Free	MA	Stage 5	Consistent
WV	Free	Free	Free	MA	Stage 5	Consistent
WY	Free	Free	Free	MA	Stage 5	Consistent

\* Class A (less than .25 percent herd infection rate) or Class Free

\*\* Stage 1, 2 or Free

\*\*\* Modified Accredited (MA), Accredited Free (Free) or Modified Accredited Advance (MAA)

\*\*\*\* Stage 1, 2, 3, 4 or Free

\*\*\*\*\* A State that APHIS has determined, conducts an active State scrapie control program consistent with Federal requirements.

Disease control and eradication measures include quarantines to stop the movement of possibly infected or exposed animals; testing and examination to detect infection; destruction of infected (sometimes exposed) animals to prevent further disease spread; treatment to eliminate parasites; vaccination in some cases; and cleaning and disinfection of contaminated premises.

APHIS animal health programs are carried out by a field force of about 250 veterinarians and 360 lay inspectors working out of area offices (usually located in State capital cities). Laboratory support for these programs is supplied by APHIS' **National Veterinary Services Laboratories** (NVSL) at Ames, Iowa, and Plum Island, N.Y., which are centers of excellence in the diagnostic sciences and an integral part of APHIS' animal health programs.

Under the Virus-Serum-Toxin Act of 1913, APHIS enforces regulations to assure that animal vaccines and other veterinary biologics are safe, pure, potent, and effective. Veterinary biologics are products designed to diagnose, prevent, or treat animal diseases. They are used to protect or diagnose disease in a variety of domestic animals, including farm animals, household pets, poultry, fish, and fur bearers.

In contrast to animal medicines, drugs, or chemicals--all of which are regulated by the U.S. Food and Drug Administration--veterinary biologics are derivatives of living organisms. Unlike some pharmaceutical products, most biologics leave no chemical residues in animals. Furthermore, most disease organisms do not develop resistance to the immune response produced by a veterinary biologic.

Veterinarians and other professionals in the APHIS VS **Center for Veterinary Biologics** regulate and license all veterinary biologics as well as the facilities where they are produced. They also inspect and monitor the production

of veterinary biologics, including both genetically engineered products and products produced by conventional means. Necessary tests of veterinary biologics are conducted at the APHIS National Veterinary Services Laboratories at Ames, Iowa.

APHIS also regulates the licensing and production of genetically engineered vaccines and other veterinary biologics. These products range from diagnostic kits for feline leukemia virus to genetically engineered vaccines to prevent pseudorabies, a serious disease affecting swine. With the pseudorabies vaccines, tests kits have been developed to distinguish between infected animals and those vaccinated with genetically engineered vaccines.

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