

VETERINARY MEDICINE

Kansas Cattle Research Confirmed by Russian

➤ RESEARCH ON BLOAT, a condition in cattle causing an estimated \$50 million annual loss to U. S. dairymen, has been reported in Russia, some two years after a Kansas State University professor of dairy science reported similar findings.

Both Russian and Kansas research showed that saliva in the cattle's rumen has an anti-foaming action that controls bloat by allowing quantities of bloat gases to escape.

They report that in cattle with dry rumen content, it may be possible to stimulate salivation with drugs that could be put into feedlot rations or fed in grain before animals go to pasture.

While researchers explore possibilities of bloat control, dairymen should remember that feeding of a few pounds of coarse hay to cattle before giving them access to bloat-causing rations will provide an excellent salivary stimulant.

Dr. V. A. Kaplan of the Karckovceki Zootechnique Institute reported his findings to the Academy of Science of the USSR, confirming the earlier work of Dr. Erle E. Bartley of Manhattan, Kans.

• Science News Letter, 83:47 January 19, 1963

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Veterinarians Play Vital Science Fair Role

➤ STUDENTS developing science projects dealing with animals now have a strong ally to help and guide them in their research, which involves handling and treatment of the animals.

Dr. Dan J. Anderson of Fort Worth, Texas, president of the American Veterinary Medical Association, announced that all members of the AVMA have been urged to assist locally in supervision of animal experimentation conducted by students preparing science fair exhibits.

The AVMA has presented annual awards at the National Science Fair-International for several years.

SCIENCE SERVICE, which administers the National Science Fair-International, has urged all science teachers to call upon their veterinarians and local AVMA chapters for assistance in supervision and guidance of experiments involving animals.

Concern for the welfare and humane treatment of animals prompted SCIENCE SERVICE several years ago to ask the National Society for Medical Research to prepare regulations for experiments with animals.

These regulations have since been amended by committees of the Animal Care Panel and the Institute of Laboratory Animal Resources.

Qualified adults must certify in writing that these rules have been carried out under their supervision before students with science projects dealing with experimental animals can participate in the National Science Fair-International.

• Science News Letter, 83:47 January 19, 1963

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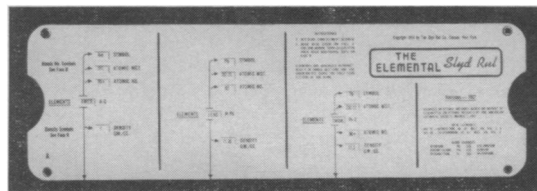
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