

Hunting Aided By Wildlife Studies

Studies of wildlife are helping to provide basic information needed for a balance between successful hunting and protection of forests and other resources, says James S. Lindzey, leader of the Cooperative Wildlife Research Unit at The Pennsylvania State University. Dr. Lindzey and associates are conducting field experiments on the 6,800 acres of the University Experimental Forest in Huntingdon County.

The work is designed to aid in evolving new management programs that will increase wildlife habitat productivity while reducing conflicts between wildlife interests and other human interests such as farm crops and timber production.

Initial phases of several long-range studies stress collection of information on behavior, physical characteristics, and harvest of game animals from selected sites. This is done, Dr. Lindzey explains, to examine productivity of sites, condition of animals, and recreational and economic impacts.

The area has provided considerable recreation for hunters, with up to 10,000 man hours a year recorded for deer hunting alone. A total of 930 deer have been harvested from the Experimental Forest in eight years. Hunters have been very helpful in providing information for the research team.

The best deer browse has been found where openings exist in the forest. An area including 2,000 acres of mixed oak woodland was found to produce enough browse for 58 deer if the deer ate nothing but browse the year around. Wild turkeys spend most of their time in forests of mixed oaks, according to another study. A few wild turkeys have been trapped and equipped with radio transmitters to trace their movements.

Gray squirrel trapping has been carried out in the Shaver's Creek section of the Experimental Forest. A recent phase of the study suggests that more than twice as many squirrels occupied uncut areas as compared to cut areas. Squirrels in the cut areas traveled twice as far from their den trees as those in the uncut areas.

Pioneer Announces New Alfalfa Variety

The Pioneer Corn Company Inc., with several research locations in the Midwest and eastern United States, announces the naming and production of a new alfalfa variety, namely 520 adapted to the Midwest and eastern United States. This new variety has dark green foliage color which should be of particular interest to dehydrators and others interested in producing high quality alfalfa.

520 is an eight clone, wilt resistant, winter hardy synthetic variety adapted to the areas where Vernal and Ranger are presently grown. 520 has averaged more than 10 percent more hay per acre than Vernal or Ranger in tests conducted over a four year period in Iowa, Illinois, Minnesota, Wisconsin, and Pennsylvania. It is more resistant to downy mildew than either Vernal or Ranger. 520 represents a major improvement over other available alfalfas in resistance to the leaf spot caused by *Leptosphaeria*. 520 produces somewhat more growth in the late fall period than does Vernal.

Pioneer Brand 520 Alfalfa was favorably reviewed by the National Certified Alfalfa Variety Review Board at its December, 1968 meeting and has been accepted for certification.

Final Action On Pesticide Label Wording Delayed

Final action on a proposal to standardize meanings and uses of words, phrases, and symbols on pesticide labels has been postponed about two months, until Aug. 1, the U.S. Department of Agriculture reports.

Additional time is being allowed for industry to evaluate and prepare comments on the proposal, which modifies Interpretation 18 of the Federal Insecticide, Fungicide, and Rodenticide Act. Notice of the extension is to be published in the Federal Register June 17 by USDA's Agricultural Research Service.

"The proposed revision was originally published in the April 4 issue of the Federal Register and interested parties were given 60 days to submit comments."

explained Dr. Harry W. Hays, Director of ARS' Pesticides Regulation Division. "But the modification of Interpretation 18 is of such a sweeping nature that manufacturers requested additional time to study possible effects on their development, marketing, and advertising programs."

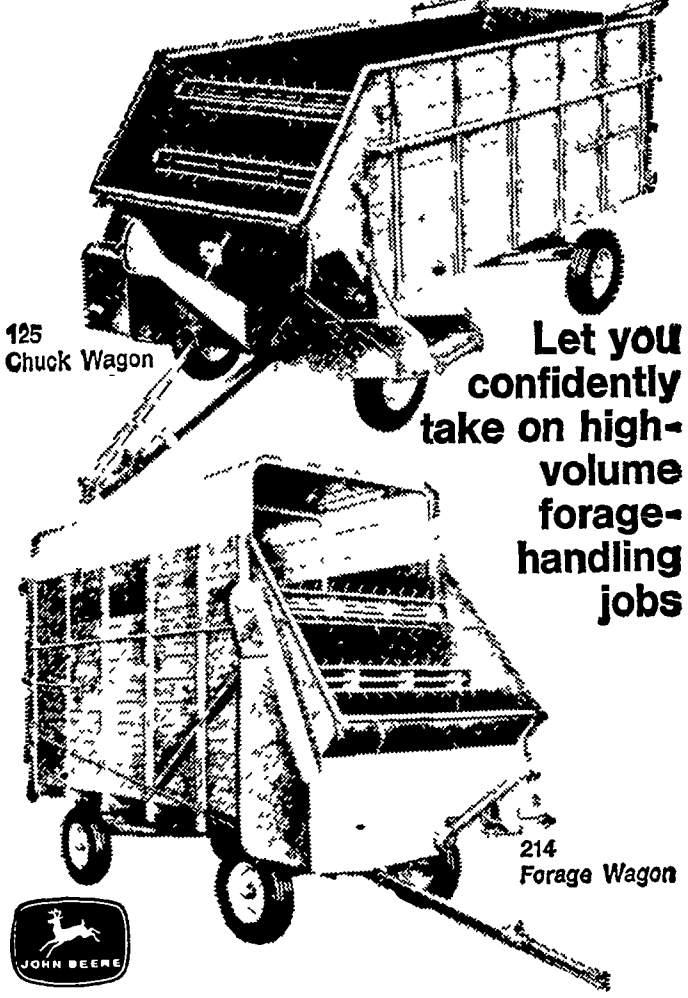
"The revision of Interpretation 18 will provide better consumer protection in the use of pesticides," Dr. Hays said. "At present, there is no standard wording or phrasing for warning, caution, and antidote statements. Label information on similar products may be phrased many different ways, thus confusing and misleading purchasers."

Persons desiring to submit written data, views, or arguments relating to the proposal



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