



contains a principle (Nicotia or Nicotin) so deadly, that a drop of it in the state of concentrated solution will kill a dog. Few human tobacco chewers can swallow much of it with impunity.

rious. Mr. P. and his neighbors being determined to continue their experiments, should very carefully observe the results: and we invite them to continue to report them to us.

Communications, Etc.

WAS IT HYDROPHOBIA?

EDITORS RURAL NEW-YORKER:—Mr. HUGH COLVILLE of the town of Sheridan in the county of Chautauque, lost two cows, one on Sunday, Dec. 25, the other on Monday, Dec. 26, of a disease which no one present could determine.

On Friday night previous, the cow refused to take her feed. Saturday morning following, she refused to eat or drink, and soon began to show signs of uneasiness.

Both of the cows were opened. In the stomach of one was found some gravel stones about the size of buckshot, with three or four stubs of nails.

Now I wish to propound two or three questions: First—Since the cows died, retaining all their blood, would it affect the gill as to color and size?

Second—Would an overflowing of the gall create frothing, and so much apparent distress? E. J. WILCOX.

ARKWRIGHT, Dec., 1864. REMARKS.—It may be that these deaths were caused by rabies, but we cannot say.

CONFINEMENT OF CATTLE.

EDS. RURAL NEW-YORKER:—Every person ought to know that alternate exercise and rest is a law that governs the health and longevity of all animal existence.

Some years since, a man partitioned off a portion of his stable in which he confined two calves he was raising, thinking to have a nice, warm place for them.

All animals need shelter from cold and storms that they may take adequate rest; but they also need some daily exercise.

ABOUT THE MOLE.

EDS. RURAL NEW-YORKER:—In your issue of Jan. 14th, there appears an article on the mole, giving directions how to make a trap to catch him, &c., which may do among the rocks and stumps of the Eastern and Northern States.

marks on a checker board. Thousands of dollars of damage was done to the corn fields in this section last spring by his rooting up the hills of growing corn; nor did he stop until the second cultivation, making it too late to replant.

The damage done in fields of small grain does not amount to much, but in our vegetable and flower gardens he is a great nuisance.

PLAN OF MILKHOUSE FOR FIFTEEN COWS.

SIZE, sixteen by twenty feet inside, twenty by twenty-four feet outside; side upon the outer, and plaster upon the inner walls, they being two feet apart.

A LOG-BOAT.

EDITORS RURAL NEW-YORKER:—Two curved sticks, seven or eight feet long and five or six inches in diameter, forms the runners.

Rural Spirit of the Press.

Management of Muck in Composting. THE following statement was made by the successful applicant for the premium offered by the Kennebec, Me., Agricultural Society, for the best experiment in the use of muck:

The following is the method I practice in the preparation and use of muck on my farm in Winthrop, and which I find very beneficial. By thus composting it, I increase my dressing two-thirds more than I could have without it.

I stated that I cleaned my yard just before the ground closed up for winter, and the sooner it freezes after it is out, the better, as it prevents evaporation or further drying.

Breeding Short-Horns.

How is it, a correspondent asks in substance, that the best Short-Horn families run the greatest risk of being spoiled by bad crossing; and that many families, once famous, have been spoiled irretrievably?

by ill-considered appliances, the peculiar characteristics of their purchases, and at length have little left beyond the name of what was once excellent.

Gapes in Chickens.

I WILL next mention a disease common to chickens at an early age—I mean the gapes. These are caused by numerous small worms in the throat.

There is also another description of gapes, arising probably from internal fever; I have found meal mixed with milk and salts a good remedy.

There is also another description of gapes, arising probably from internal fever; I have found meal mixed with milk and salts a good remedy. They are sometimes caused by a hard substance at the tip of the tongue; in this case, remove it sharply with the thumb-nail.

Rural Notes and Queries.

A SOLDIER'S OPINION AND ADVICE.—Writing us from "Fort Davis, near Petersburg, Va.," a soldier says:—"I have taken the RURAL NEW-YORKER about a year and a half, and I cannot refrain from expressing my admiration of it."

THE NEW JERSEY AGRICULTURAL COLLEGE.—The Board of Visitors of the New Jersey State College "for the benefit of agriculture and the mechanic arts," submitted a report to the Senate which says that the authorities of Rutgers College, to whom had been committed the trust, had purchased a farm for experimental and practical instruction.

AGRICULTURAL COLLEGE OF PENNSYLVANIA.—We have before us the Catalogue of this College for 1864. This College is located ten miles S. S. W. of Bellefonte, Pa.

"WAR'S MISERERE."—The Editor of the Ohio Farmer is informed that the poem which appeared in our columns the 4th of February with the above title, was sent us as original by a correspondent who signed herself ANNIE E. HUBBARD, Leon, New York.

BEST SUGAR.—Can Beet Root Sugar be made here with profit? Would it pay to organize a company and manufacture it extensively raising the roots, &c., for that purpose?

PERSONAL.—Of President ALLEN, the successor of the late Dr. PUGH to the Presidency of the Penn. Ag'l. College, the Philadelphia Evening Bulletin says:—"His long experience as an educator, in the distinguished faculty of Dickinson College, over thirty years ago, and afterwards in Girard College, and his eminent talent as an administrative officer, together with his experience as a practical farmer and scientific man, peculiarly qualify him for his new position."

GARGET.—R. K. M., Elkhart, Ind.: Your inquiry was mislaid or it would have received attention before. Your cow had the garget. If she has not recovered from it, you should physic her in some way at once.

POLING HOPS.—C. A. T., Madison, Ohio, asks which, in our opinion, is the best mode of poling a hop-yard—the old method with long poles, or with poles eight feet long and slats running at right angles across the field.

CHEESE MANUFACTURERS' MEETINGS.—We notice that meetings auxiliary to the New York State Cheese Manufacturers' Association are being held in different parts of the State—in Jefferson, Lewis and Oswego counties.

COOK'S SUGAR EVAPORATOR.—We have received a "Sugar Hand Book" to accompany the above named Evaporators, published by BLYMYER, BATES & DAY, Mansfield, Ohio, in which are some practical hints of especial value to such as use these evaporators.

THE SUGAR CANE GROWERS' ASSOCIATION of Michigan is to meet at Jackson, Mich., Feb. 22. The State Ag. Society unites with the Association and will make its awards of premiums offered for sirup and sugar, at the same time and place.

URBANA WINE COMPANY.—The attention of our readers, who wish to invest money, is directed to the Prospectus of the Urbana Wine Company in another column, which fully explains itself.

MICHIGAN AG'L. COLLEGE.—In our advertising columns our Western readers will find something interesting concerning this College.

COW MILKER.—W. K., Hannibal, Mo.: We do not know where you can purchase a "Cow Milker."

Agricultural Societies.

NEW YORK STATE AG'L. SOCIETY.—We learn that the Annual Meeting of this Society was not largely attended, probably on account of the great storm which prevailed at the time.

CORRESPONDING SECRETARY.—Benj. F. Johnson, Albany. RECORDING SECRETARY.—E. Corning, Jr., Albany. TREASURER.—Luther H. Tucker, Albany.

YORK TOWNSHIP (C. W.) AG. SOCIETY.—The annual meeting of the York Township Ag. Society was held at Eglington, the 15th inst., to receive the report for 1864, and appoint officers and directors for 1865.

LODI (N. Y.) AG. SOCIETY.—I enclosed I send you the names of the just elected officers of the Lodi Ag. Society for 1865: President—DAVID L. KASE.

VAN BUREN CO. (MICH.) AG. SOCIETY.—President—F. M. MANNING. Treas.—E. G. Butler. Sec.—O. H. P. Sheldon.











