

FERTILIZERS, THEIR USES AND VALUES

What Fertilizer to Buy

How to Apply the Fertilizer After the Soil Has Been Thoroughly Pulverized, and How to Buy Them.

COMMERCIAL PRODUCT

Since the prime object in the use of all commercial fertilizers is to increase production, they must be used either to supply plant food directly or to act upon the soil that a larger quantity of its nutritive elements will be at the disposal of the plant.

What Fertilizer to Buy

Since the element of plant food already mentioned are required in different quantities by different plants and since the soils vary in their supply, it is well for the farmer to know what his soil and plants need before investing his money in fertilizers.

How to Buy Fertilizer

Commercial plant food, called "fertilizer," is never sold pure, but in combination with other substances. The substances with which it is combined are of no value to the farmer, but simply add to the weight.

Translated into terms of pounds, this means that in a sack weighing 100 pounds there are— Three pounds of nitrogen. Six pounds of soluble phosphoric acid.

NIGHT SCHOOL TO BE STARTED

Will Commence by January 24. Badly Needed.

The Daily News is glad to state that efforts are now being made to establish a night school here, and unless nothing unforeseen happens such a school will begin on January 24.

FLOUR MILL STARTS

The Making of Flour Begun by Mr. Havens This Morning.

HEIRESS STILL MISSING.

Reports That She Has Been Found Denied by Relatives.

Philadelphia, Jan. 10.—Although eleven days have elapsed since Roberta de Jannon, the 17-year-old heiress, and Frederick Cohen, the middle-aged waiter, disappeared from the Bellevue-Stratford hotel, their whereabouts still a complete mystery.

A SHARP THRUST.

Raleigh, N. C., Jan. 10.—In charging the grand jury this morning for a two weeks' term of Wake Superior court, Judge Charles M. Cook gave football a sharp passing thrust in treating the necessity of punishing for involuntary homicide in many cases.

RESIDENCE REPAIRED.

Mr. C. H. Richardson is having his residence on West Main street repaired and a new porch erected. Mr. T. J. Harding has the contract.

bought, the purchaser secures nitrogen, 60 pounds; soluble phosphoric acid, 120 pounds; reverted phosphoric acid, 80 pounds; and potash, 40 pounds. Notice that what is called "available" is the sum of the soluble and the reverted acid.

Ammonia is nothing but nitrogen in combination with another substance of no value. Inserting the ammonia in the formula is apt to deceive one who does not know the distinction.

SKATING TODAY. Quite a number engaged in the sport of skating on Rappahannock early this morning. The ice was said to have been very good and firm.

GENERAL WAIL SENT UP BY THE AVIATORS

Gasolene Is No Good

The Quality Is Poor and the Contestants Can't Extend Themselves—A Howl Against John D. Rockefeller.

PAULHAM WILL FLY

Los Angeles, Cal., Jan. 11.—The American aviators who are participating in the international aerial contests here, sent up a general wail today against John D. Rockefeller's chief wealth producer—gasoline.

Glenn H. Curtiss declared he had been prevented from "extending himself" owing to the poor quality of the fuel furnished. Charles F. Willard also laid his inability to negotiate the circuit of the course to poor gasoline, which heated his engine to such an extent that he was compelled to descend, and Charles K. Hamilton, who made a flight of only a short distance, uttered a similar complaint.

Today's program for heavier-than-air craft begins at 2 o'clock when the elimination contest begun yesterday will be finished and all machines which expect to compete for prizes must qualify. At 2:30 the starting and landing contest will be held.

Cortlandt Field Bishop, president of the Aero Club of America, and vice president of the International aeronautic federation, is here and will represent those organizations at the meet and will certify to any records which may be made.

M. Paulham, the daring little French air-king, who easily won the first honors, declares that he intends to break the height, distance and duration during the present meet and that he will make France proud of him.

ERROR CORRECTED.

The Daily News gladly corrects the error that appeared in yesterday's paper to the effect that the grocery business of Mr. Andrews had gone into the hands of a receiver. This was rumored on the streets and the paper representative was so informed.

QUARTERLY CONFERENCE.

The first quarterly conference for Washington station was held in the study of Rev. M. T. Plyler, pastor of the M. E. Church, last evening. Rev. A. McCullen, the presiding elder, was present and presided over the conference.

PENITENTIARY EARNED \$75,000.

Raleigh, N. C., Jan. 10.—The penitentiary reports net profit this year seventy-five thousand dollars. There are seven hundred convicts, but, one hundred are unit for employment, of those employed half are on the State farm, the other half grading rail-ways.

SKATING TODAY.

Quite a number engaged in the sport of skating on Rappahannock early this morning. The ice was said to have been very good and firm.

FIRST NATIONAL ELECTS OFFICERS

Mr. G. M. Brown Re-elected President; Mr. A. M. Dumay Cashier.

The annual meeting of the stockholders of the First National Bank took place at their banking house yesterday morning and the meeting of the new board of directors met yesterday afternoon.

In the afternoon the directors met and elected the following officers: President, Charles M. Brown; vice president, John B. Fowle; cashier, A. M. Dumay.

State News

One of the boldest robberies that ever happened in Wilson occurred last night about 7:30 o'clock when the front window of the hardware store of Diddy & Agnew, located on one of the principal business streets,

The Municipal Building Commission met yesterday afternoon with the architect, Mr. T. Thornton Marie, of Atlanta, and decided that, as the Carter firm, of Philadelphia, to whom the contract had been awarded had not come up to the specifications, it was necessary to get other bids, and after going over all the plans Mr. Albert L. Cox, the secretary, was directed to write the nine firms that put in bids with Carter's to put in amended bids, to be received not later than Saturday, January 23, and also alternate bids for certain changes that might be made.

On Saturday night the Atlantic Coast Line passenger train No. 89 was wrecked at Olive, S. C., and a half brick was thrown through the window of the colored car. A colored preacher by the name of Murchinson, who held a ticket from Lillington, N. C., to Morristown, Fla., was the only person struck and he received a severe hurt on his right hand, although no bones were broken.

DEMONSTRATION WEEK.

Beginning next Monday at the store of the J. H. Harris Plumbing and Supply Co., there will be a demonstration on the Majestic Range. Souvenirs will be presented. All the citizens of the city should witness this demonstration for it will pay them.

RATS HERE FROM CHINA.

Louisville, Jan. 10.—Five big cases containing human hair from Japan and China were received at the warehouse of the Surveyor of the Port today, consigned to a local hair importer. This is the first consignment of human hair ever received through this port. One hundred and fifty more cases are expected tomorrow.

MASKED ROBBER BOLDLY ATTACKS CASHIER OF STORE

Threatens to Shoot

Fells Official With Blow From Revolver, But the Dazed Man Closes Door of Safe in Which is \$8,000.

ESCAPES IN DARKNESS

New York, Jan. 12.—"Don't move or I'll shoot." Kneeling in front of a safe in which he had just placed between \$8,000 and \$10,000, John Goethals, cashier of the collection department of the Abraham & Straus store, heard this command in his office at No. 171 Schermerhorn street, Brooklyn, at midnight Saturday. At the same instant he felt the muzzle of a revolver against the small of his back.

The office is in the front part of Abraham & Straus' stable, and Goethals' cry was heard by drivers, who came running into the office. Joseph Abrams is in the lead. At the door between the stable and the office a man in a black mask confronted them, pointing the revolver at Abrams.

The Adams street police station and the Brooklyn Headquarters Detective Bureau were notified of the attempt at robbery. The robber was described as being five feet, ten inches in height and weighing about 180 pounds. He wore a long black overcoat and a black mask that completely covered his face.

POPULAR HOSTESS ENTERTAINS

Mrs. A. M. Dumay at Home to Bridge Club.

One of the city's most popular entertainers, Mrs. A. M. Dumay, was at home last evening from 8 to 12 when she entertained in honor of the Bridge Club and several guests. No social function of the new year was more enjoyed. Mrs. Dumay is an ideal hostess and last evening she was no exception.

CONDITION BETTER.

The condition of Mr. Zeno Watson, who is very ill at his home, West Second street, is reported to be no better today.

JANUARY WHITE SALE.

Mr. J. K. Hoyt's sale of white goods, lace and embroideries for underwear and underwear starts tomorrow morning. The window display of these goods is certainly attractive. The fabrics are very desirable from all points of view.

AN ENTERPRISING FIRM.

The firm of the Jefferson Furniture Company is certainly forging ahead at a rapid pace. They are well pleased with their patronage in 1909 and in a half-page ad in today's News extend to their many customers their thanks and appreciation.

MINSTREL SHOW FAILS TO PLEASE

Barlow & Wilson Perform Disappointing

Barlow and Wilson's minstrel show at the opera house last night was anything but satisfactory. The show has certainly depreciated since its last appearance in Washington. Mr. Barlow, if eliminated from the performance, would have no show—he seems to be the whole thing. While the audience was small, those who did attend expected something more up-to-date than was given them.

Lovely Wedding at Aurora Today

The most important social event of the season was witnessed at the M. E. Church in Aurora, N. C., at 8 o'clock this morning, when Mr. H. Gilbert Mayo was united in marriage to Miss Julia Swindell Chapin. This event has been looked forward to by the devotees of society for several months, and the immense crowd which filled the spacious edifice to overflowing was only one of the many attestations of the popularity of the bride and groom.

Promptly at 8 o'clock to the strains of Mendelssohn's wedding march, rendered by Miss Mary Swindell, the church doors opened as if by magic, and up the east and west aisles came little Miss Matilda Mayo and Maybelle Chapman, ribbon girls, followed by Messrs. O. M. Hooker, J. W. Mayo, Dr. S. W. Staley and W. A. Thompson, who took their places at the right and left of the altar.

LEFT FOR NEW YORK TO PURCHASE STOCK.

Mr. H. B. Goldstein left this morning for New York to purchase his spring and summer stock. While in New York Mr. Goldstein will attend one of the greatest cutting schools in New York for the purpose of getting instructions about cutting cloth in the latest style. He expects to return next Monday.

TO CHANGE INAUGURAL DATE.

Resolution Favorably Reported to Time in April.

Washington, D. C., Jan. 11.—The passing of the historic fourth of March as presidential inauguration date, and the fixing of the fourth Thursday of April in its place is provided for in a resolution ordered favorably reported by the House committee on the judiciary today. The resolution, acted on which was unanimous, directs that hereafter the terms of the President, Vice President, United States Senators and Representatives in Congress shall begin on the final Thursday of April. This change is not to apply to the members of Congress until their present terms expire.

EMPEROR VERY ILL.

London, Jan. 11.—There was rumor on the stock exchange today that Emperor Francis Joseph of Austria was dangerously ill. The source of the alarming news was not ascertained.

THE G. O. P. IS FACING A SERIOUS CRISIS

Future Is Concerned

The Opinion Is Held on All Sides that the Republican Party Now Faces a Serious Situation—The Houses Are Divided.

CHANGE OF OPINION

Washington, Jan. 11.—On all sides in Washington the opinion is held that the Republican party is facing a crisis and a serious one. The state of feeling between what are known as regular Republicans in the Senate and House, on the one hand, and insurgents, or self-styled progressives of the Congress, on the other, is intense.

The Taft administration has not taken a definite stand as between the two factions, but predictions are being made that it cannot long defer a declaration, and confidence is felt that it will throw its influence to the side of the regulars.

More than the personal fortunes of President Taft is involved in the situation. The future of the party itself is held to be concerned. It is a house divided against itself, or, more literally, with sole application to congressional conditions, two houses, each divided against itself.

Then there is the other house—the white house—to be reckoned with.

The insurgent movement is widespread in the West. Its advocates in the national congress are seeking to obtain recognition and victory by combinations with the Democrats. They have gained some advantage in the House of Representatives by such combinations. All this is at the expense of harmony.

That President Taft has undergone some change of opinion in regard to who are his friends and who are not among the Republicans in Congress is generally believed. He is reluctant to take sides in the congress situation, but it is realized that party reasons and a sense of loyalty to those who are standing by him may compel him to do so.

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NINETY-FIRST BIRTHDAY.

Miss M. B. Rodman is at home today to her relatives and a few of her friends, the occasion being the celebration of her ninety-first birthday. She was born January 12, 1819. The Daily News wishes her many happy returns.

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New Advertisements

- in Today's News
Jas. E. Clark Co.—Embroidery
Opening.
Jefferson Furniture Co.—A New Year Announcement.
Gagn Theater.
Gaiety Theater.
Hotel Kernan, Baltimore.
Chesapeake Steamship Co.
J. L. O'Quinn, Florist—Bulbs.
Fazo Ointment.
Capudine.
Vick's Remedies.
Laxative Bromo Quinine.