An Experiment With Water.

Then we might send a minister to liquid condition they had to absorb a this than the fully matured ones.

sure of a royal welcome and laural ter at 0 deg. centigrade introduced into erowns. We can give, too, an unstint- the warm water was the same, but beed support of our school at Athens, fore the ice crystals could assume a Greece without requiring him to strad- certain amount of heat. That heat dle the Balkans and represent us at was drawn from the warm water, and rival, if not hostile, courts. He must consequently reduced its temperature, be a shrewd diplomat who shall grace- but it did not raise the temperature of fully carry Panhellenism on one shoul- the ice; it simply acted as energy in der and Panslavism on the other. But enabling the ice to become liquid, and we should first, take off our tax on remained in that liquid in the form of Greek currants—the one ewe lamb of latent heat, to be given up again as provided with clean, dry, sweet quar-Greek revenue. Then we shall have a soon as the water asumed a crystaline What tomorrow is to be human wisdom

never learns. Barley is mentioned on some of the ear

Your First Duty is to Yourself. Your Rodily Condition Calls for the Help to be Found in a Good

## Medicine

and from many other sources.

blood purity, richness and vitality and the skin is as smooth as any farmer's. I nerves, a good appetite, refreshing sleep, medicine and always speak in its favor."and powers of endurance. Cleanse your blood by taking Hood's

ers and birds and out-door pleasures, for you will be healthy, strong and well. Hood's Pills cure all liver fils, billious

renewing the blood. During the winter Sarsaparilla, as it has worked wonders in has crept sluggishly through the my case. I am 74 years of age and have veins, gathering impurities from indoor been afflicted with salt rheum on my hands air, from fatty substances in the food, for a great many years. I tried many things to cure them, but failed. My hands The great blood purifying medicine would crack open and bleed profusely, and especially prepared to do this work is the pain was terrible to bear. Since taking Hood's Sarsaparilla. It will give to the Hood's Sarsaparilla the flesh has healed and these will bring health and vigor, strong recommend Hood's Sarsaparilla as a reliable LLOYD B. CHASE, Swansea, Mass.

> Hood's Sarsaparilla Is the Only

True Blood Purifier Prominently in the public eye to-day.

### FARM AND GARDEN. MATTERS OF INTEREST TO AGRICULTURISTS.

Young Stock in Spring. With the approach of spring most animals suffer from violent changes in both food and weather, and young growing stock are less able to endure Many young spring pigs are lost dur-ing April and May through lack of proper care. The farrowing time of these young animals should be looked forward to, and instead of letting them run loose right up to the time in any sort of wet, muddy pens, they should be ters a month before the critical period. In this way they get accustomed to their new surroundings. They can be turned out in the yard or fields in the day time, but at night they should be shut up by themselves away from the rest of the stock. Otherwise some fine morning a fine litter of pigs will be found half dead in the wet litter and straw. If kept in a good pen the sow will gather together the dry straw, and 4. Though the

of fresh water, and oats, shorts or bran should be given to her daily as her chief food. If she is very constipated and feverish she will be cross and irritable and in this condition she will be apt to eat her little ones when they arrive. This feverish condition can often be avoided by feeding the sow loosening food for weeks before the farrowing time, and no corn. If, however, she is good sized piece of pork, very salty and | where the maximum amount of water | through the ground we harrow all over

out of their nest every morning meal,

for it is only in this way that they can

be made to take exercise. Their warm

bed in this way is cooled off, and made

fresher. At two weeks the young pigs

ought to begin to eat and drink, and in

that they will not exhaust the mother

by draining her dry. Drive the sow at

this time into the pasture during the

middle of the day, and let the pigs get

the milk out of the trough. Later they

old one. For five months feed the

young ones for lean meat, and then

them up to two hundred and fifty

The same care applies to all other

oung animals on the farm in the

them depend upon it for most of the

way come back to the barn in the fall

about one-half the size and weight

good feed, with a good yard, and ac-

ever wanted, either night or day, will

give the best results in bringing up

the young calves. Skim milk, oatmeal

been, crushed oats and clover hay are

larger profits are realized in the end.

Even the young lambs need such treat-

ment, although they are not weaned

Time for Corn Planting.

The Illinois experiment station has

been making some tests on the effect

to them .- Ex.

ummer. Young calves turned out this

Milliania Association and Association and Association

ground is warm, over that planted earlier, when the ground is cold. By very early planting, if a good stand is secured and the corn kept pect as large yields as from later our soil, while on land that had been planting. But for this locality the extra labor required to remove the weeds and the risk of a poor stand will not justify planting earlier than about May 1st.

Farm Irrigation Bulletin 39 of the Utah Agricultural is the amount of water to use for diffcrent crops, and is summarized as fol-

1. On clay soil the maximum yield of water during the season. 2. On this soil there was a decrease of

3. The maximum yield was secured by the use of 26.82 acres-inches, which is equivalent to a cubic foot per sec. for

4. Though the water that drained from the soil through excessive irri-At this time she should have plenty gation was richer in fertilizing material than when applied, the total amount of this material added is more than that extracted.

5. On clay soil containing more sand the yield of grain (wheat) increased as the water increased up to 40 inches, while the maximum yield of straw was produced with sixteen inches of water. 6. On clay soil containing little sand

MANAGEMENT AND A STREET OF THE STREET OF THE

Preparing for Corn. preparing ground for corn we By very early planting, if a good stand is secured and the corn kept deep, says A. S. B. in "Farmers' equally free from weeds, we may exsuccessive year until a good depth is

After the ground is plowed the harrow is often the best tool for pulveriscollege experiment station treats of ing. If very dry on some soils it would farm and orchard irrigation. It reports be economy to use the roller first, than results of a number of irrigation ex- harrow. We never use the roller when periments, most of them covering a the ground is sod or wet enough to period of five years. The first experi- pack. We prefer the drag to alternate ment, which is discussed by A. A. Mills, with the harrow in the spring in preparing a seed bed as a rule, and use the roller in the fall, when the ground is more apt to be dry.

We never use any commercial fertilboth wheat and straw was obtained by izer on our farm, but apply in the fall saturating the soil, approximately, two all the farm yard manure we can make feet deep at each irrigation, or cover- to the fields intended for corn the foling the ground with 26.82 inches of lowing summer. It may be hauled any time during the fall, but we do not aim to spread it before cool and rainy crop where either a more or less amount | weather, so that it will not waste so badly by drying out, but it should not be allowed to lie in piles all winter, as the rains will leach out the strength and not be evenly distributed over the

We prefer hilled corn to drill, as it is nicer to farm, and in case of a wet spell in the spring, if weeds get a start. they can be killed without the use of the hoe, which, although a very effective tool for destroying weeds, is too slow for the nervous temperament of the hustling American farmer. We plant in hills three feet eight inches each way from two to four grains to the hill. If the ground has been properly prepared before planting, so that fine and free from clods, about one feverish and constipated give her a timothy gave mixed results, though or two days before the corn comes

### CORNER OF ODDITIES.

SOME STRANGE SAYINGS AND ECCENTRIC DOINGS.

Instinct - The Large Flying Squir



OW, Tommy, dear, just run downstairs and get papa's shawl: musn't make your mother waitwe're going to the ball. I left her in the dining-room at her cigars

She looks so brave and manly in that

o-night I should have worn it, Tom but Sarah's sage decree eclares your mother's be the very thing for me. co-night I put my male attire forever

on the shelf, And assume the airs and graces of ininic self. Oh, I hear you mistress calling, and it's

getting pretty late. touch of rouge; some powder there; and set my hip pads straight. m coming! Ta, ta, sonny. Now your papa'll cut a dash, .And he'll show 'em how a married mar

can make and keep a mash.

The Large Flying Squirrel. The large red flying squirrel is ineresting, but not beautiful. It is wholly nocturnal, and, like most nocturnal animals, is extremely surly and spiteful if disturbed in the daytime. It is as large as a cat, with a face like a rabbit. Its coloring is extremely brilliant for a mammal, and in general appearance it resembles some curious nonster in a Chinese painting. The fur is a rich and deep chestnut on its back, light chestnut below, its head white

and its eye a dull pale gray. The wide parachute membrane ween its legs is covered with fur, and its tail is long, thickly furred and round. The squirrel does not "fly" in the proper sense of the word, but in the forest its parachute membrane answers its purpose almost equally as well as wings. It runs with a wonderful agility up the trunk of a tree and to the end of a branch, and then takes a flying leap, with its limbs extended to the utmost and downward to a horizontal distance roof below.

Duluth, Minn., Special.-Jesse Weidnan, an aged and wealthy resident of Hartford, Todd county, is convinced that a marriage between May and December is not the correct thing. He is 70 years old and a short time ago led 16. Their happiness lasted precisely one week, and now Weldmann is suing for a divorce. The wedding was the swellest event ever seen in Todd county, for the groom is the most wealthy man in the county and holds mortgages on a vast amount of the farming property which his neighbors occupy. Saturday last the whole country was thrown into ment that all was over between the couple, and that a legal separation would follow It is alleged that a few days after the ceremony Mrs. Weidman brought a male friend to the house, made her husband sleep in the barn, and that a plan was put in operation to force the old man to make over all of his property to his wife.

A curious story is told by a Vienna correspondent of London News. A young man, the representative of a large firm, who carries a large sum of money with him, recently spent the night at a hotel at Presburg. As usual he remained some time smoking in bed Suddenly the burning cigar fell to the floor. He bent over to extinguish it, when he saw a hand projected from under the bed put the cigar out. It made him very uncomfortable. He lay awhile, and then, saying aloud, "How very cold; I shall get my coat," he jumped out of bed, flew to the door and \$2.50. Without either ads or Napoleon cried for help. The would-be robber articles, 85 cents. A great many are 'complete" fertilizer, that is fertilizer was caught. He confessed he knew the occupant of the room had money, which he hoped to get while he slept. He had been a fireman formerly, and could not resist the impulse to extinguish the burning cigar.

Men Will Be Excluded. The board of control of the Woman's college of Baltimore has issued an order which will bar men from the exhibits to be given by the gymnasium classes. In their gymnasium exercise the young ladies wear a pair of wide Turkish trousers. They have noticed that the attendance of young men has been steadily increasing, and it was for this reason they asked for the new order. The order is also to apply to amateur theatrical entertainments, in which some of the young ladies necessarily assume male characters. Those of the girls who think their sisters entirely too prudish went about the college today with crape on their arms and dressed President Goucher's china-dog in mourning.

Missing Student Is Heard From-Elkhart, Ind., Special: Senator Chas. Beardsley's son, Carl, whose mysterious disappearance from Michigan university last fall, created great interest, and who left there taking with him only the His mother received a letter from him recently written at San Francisco, in which he says he is doing well there and will never return. He says he left available phosphoric acid could hardly be found in the state and the sta 3, 4, and 5 kernels per hill. The first his powerful right foot, sliding close gen or potash, but 12 to 16 per cent. of the university because he was disheartthe civil engineering thereafter till June 22d, there being nose. His five-pointed chisel cuts the and potash salts. During the past year | but no trace of him could ever be found. the sales of both plain superphosphates He and his mother were joint owners and superphosphates and potash reach of large property interests here, but owing to his disappearance she could not do anything with it. He is thought to have been demented when he left col-

> Hung in a Tree. A peculiar and fatal accident befel. George Brady, son of Nathaniel Brady. of Homing Falls, W. Va., recently. Young Brady was riding a frisky young horse, and the animal ran off with him. Passing under a large apple tree growing by the roadside, the boy's neck was caught in the forks of two large limbs, and his neck forced up into the crotch of the limbs. The horse was going very rapidly, and the force drew his neck into the forks of the limbs so tight as to hold him there, strangling him, and causing death before assistance arrived, although several persons were near at hand. The horse ran on, leaving the boy hanging by the neck.

Strange Story of Adventure in Mexico. Charles C. Warren, formerly foreman of the Canadian Pacific railroad, tells a strange story of adventure and captivity. He went to Mexico eleven years ago to seek his fortune, locating a gold mine at Yucatan. He says the mine proved rich and bandits took his sluice boxes, killing his comrades. He also says the government, learning of the richness of the mine, arrested him on a charge of treason and kept him captive in San Juan until last July, operatfinally escaped to Puento.

Highest of all in Leavening Power.—Latest U.S. Gov't Report

Ingenuity of a Pakir. Philadelphia Record: Enormous business has been done lately at French of the specific was in a fair way to make a fortune. But the police, who in France are very active in protecting people from fraud, looked into the matter and found that the powder was nothing but ordinary sugar. They also discovered that the case was connected with a powerful electric bat-tery, and the moment the rat touched the bread the current was turned on,

fair of Albia, and he was sentenced to fifteen days' imprisonment. The Dinner Bell Sounds but a mockery to the dyspeptic. He hears it, of course, but his stomach does not respond to the call. He "goes through the motions" and suffers afterwards for the small amount of victuals ne partakes of. Hostetter's Stomach Bitters afters nis condition into one of ability to eat plentifully, digest heartily, and assimilate thoroughly. Maiaria, rheumatism, constipation and billousness are conquered by this world-famed medicine.

and it was thus his death was brought

about. The man was arrested at the

Cincinnati Tribune: "Paper flowers

ed if there isn't a limit even to paper flowers. My wife and daughter have got the craze, and they've got it bad. If I attempt to light the lamp I invariably set fire to a tangle of honevsuckle. If I go to the library I am frightened to death lest I break one of the like cobwebs in front of the glass. If about and to indulge in all kinds of Fabian tactics before I can move. and the wide flesh membrane stretched. did not object. They enjoyed it and I This "aerial slide" carries it forward was satisfied. But Sunday the limit was reached: then my real anger was of perhaps forty or fifty yards, and it is aroused. I have a small conservatory noticed that, as in the case of birds which is the joy and pride of my life. when making use of their powers of On Sunday one of my business friends Over \$50,000,000 are spent in maintaining descent with fixed pinions, the squirrel came to see me, and I took him out to the churches of the United States and \$400. throws itself upward and ascends show him my flowers. That's where 000,000 in running the jails. the trouble was. My wife and daughperching on the bough it aims at with ter had paper flowers in every nook that ye all the lightness of a pigeon descending and corner. Every plant in the place them, and very comforting it is. Se at druggists. from a tower to some point upon the had a paper flower. That settled the matter. That night there was an ex- at which women marry is 23% years. tremely large bonfire in our yard."

HALL'S CATARRH CURE is a liquid and is taken internally, and acts directly on the blood and mucous surfaces of the system. Write for testimonials, free. Manufactured by testimonials, free. Manufactured by F. J. CHENEY & CO., Toledo, O.

Drinking Habits. The Scotch and Irish, within about a century, have become a whisky drinking people, but it cannot be said that they are less sober than the English. On the fair days in the south of Ireland, there is much drunkenness, though perhaps of less noisy character than in the north of England. The drunken man is guarded by a sober friend, or a wife or sister, and the brawls which follow are not more nu-

merous than in London. A village of a thousand inhabitants may, it is true, have forty public houses. but drunkenness depends more on the quality of the liquor than on the number of places where it can be bought. The evil is quite as great in the larger island as it is in Ireland, and as terrible a scourge on the educated classes as it is on the peasantry. The drinking at wakes is still a scandal, but they are conducted with much more decency than of old .- Blackwood's Magazine.

Piso's Cure is the medicine to break up children's Coughs and Colds.—Mrs. M. G BLUNT, Sprague, Wash., March 8, '94.

Varying Rates. Cincinnati Tribune: "How much," asked the pale gentleman with the these magazines?

glasses, "will you charge for binding "Ads and all," said the bookbinder, it will cost you \$5.25. Without ads. having them that way."

Coe's Cough Balsam
Is the oldest and best. It will break up a Cold quicker than anything else. It is always reliable. Try it.

A Railway Curiosity. New York Advertiser: Work is now about to begin on a railroad in Florida which is a curiosity of its kind. Some time ago the citizens of Avon Park and Haines City, Fla., believed that a transportation route connecting them would be of great advantage. The country is sandy and nearly level. A company was formed, but the people lacked in capital what they made up in enterprise. It had been decided, so the Manufacturer's Record is informed, to build the road with wood rails, which are large enough to be so laid that they will be half buried in the sand, without other ballast. They are to be held in position by wooden pins, two inches in diameter and eighteen inches long. while the ends are connected by plank couplers, placed underneath and held by pins. Not a pound of metal will be That makes digestion good and as used in the construction of the track, quick and thorough. It makes sound healthy although the line will be forty miles. That is half the battle. That makes although the line will be forty miles long. The "rails" will be furnished gratis by property owners along the robust than they ought to b that in a few years the fruit, vegetable and passenger business over the route will write to NATHAN

ers will be used for ties. A small steam

Park & Haines City road.

A Valuable Collection An extraordinary collection of books, business has been done lately at French the library of Mr. Gennadius, late fairs by a man who professed to sell a Greek minister to England, is about to rat powder that was perfectly harm-lesss, and that struck rats dead on the don. It consists of the first and rarest spot. In order to convince the skeptical the man, first of all, powered a slice of bread with the stuff, and ate a piece of it himself. Then he put the remainder under a glass case, in which a rat was kept in captivity. The rat went to eat the bread and instantly fell dead. Aldyne Thucydides, Melancthan's edito At 5 pence a box the powder went off princeps of Demosthenes, all with man-like hot rolls, and the lucky proprietor uscript notes of their possessors. Be-

> On receipt of 30 cents in U. S. stamps, will send to any address one rackage Steone gallon best tonic known. Cures stom-ach, kidney diseases, and is a great appe-tizer and blood purifier. Just the medicine needed for spring and summer. 25c. at your drug store. Address Ggo. G. Str-keter, Grand Rapids, Mich.

A Glorious Time New York Herald: Mrs. McGlue-Did yez have any fun at the picnic, Mike?

Mr. McGlue-Fun, is it? Well, phwin I tell ye that ivery member of the Branch that isn't in the station house is in the hospital, ye can see for yourself hhwat kind of a time we had.

World's Columbian Exposition Will be of value to the world by illusare all right in their place," said a gen- trating the improvements in the metleman who boasts of the joys and com- chanical arts, and eminent physicians forts of married life, "but I'll be hang- will tell you that the progress in medicinal agents has been of equal importance, and as a strengthening laxative Syrup of Figs is far in advance of all

Greenwich records, it is stated, show ranches of morning glories that hang an average of about twenty hours' sunthat for fourteen years there has been shine in London in December. This I attempt to sit down, stand up or scarcely agrees with King William's walk, I am compelled to reconnoiter statement that England has a climate in which one can be abroad with pleasure most days of the year and most hours of the day.

Purker's Ginger Tonle is popular for its good work. Suffering, tired, steepless, nerv-ous women find nothing so soothing and reviving. What a sense of relief it is to know

In civilized countries the average age at If the Baby is Cutting Teeth.

So sure and use that old and well tried remedy. Ma Rice was cultivated in India many years before the historical period.

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Road" will be sent free to anyone who will enclose ten cents (to pay postage) to Geo. Heafford, General Fassenger Agent Chicago, Milwaukee & St. I aul Railway

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The three most common names in Eng and, Scotland and Ire and respectively are Smith, MacDonald and Murphy



demics. It is a steal thy, gradual, slow disease. It penetrate is in every drop of blood. It seems to work only at the lungs, but the ter-

Consumption kills

more people than rifle balls. It is more dead-

and passenger business over the route will pay for steel rails, when the oth-

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tomotes a laxuiant greath.

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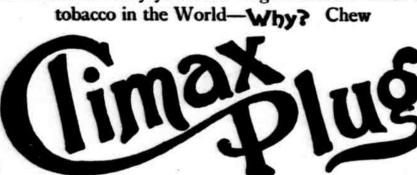
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the pamping recently published by the Passenger Department of the Illinois Central Endread, entitled "Southern Home. Seeker's Guide for 1893." It contains overfor ex ellent actions from Northern farmers now located in the South and off er authentic and valuable informa-

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USES the Dr. in 1870. Has cured thousands since and will Cure you. Soud for free book, and symptom blank. Figo by mail. CAXTON GLOG., CHICAGO

the time of planting has on the yield. In bulletin 37 the experimenters say: NEW YORK, N. Y. Experiments to test the effect of ime of planting on yield and growth have been conducted for the past seven years. The land used in 1894 was in corn during 1893, in clover during 1892, and in oats during 1891. The stalks were removed and the land planting consisted of four plats, each 4 rods or 9 hills square, and each plat was planted with a different number of 36 plats in all. The ground for each and 6 were cultivated five times; 3, 4, times. The cultivation was done with

> during its growth. The east third of each plat was used in a feeding experiment before it came to full maturity. The remaining twothirds were husked in the usual way. ascertained for each third. The middle third of each plat was shelled and | Wells, being very tender-hearted, of- | Half fill this tank with absorbents, and a semple of the shelled corn sent to fered Blizzard," a well-known char- as fast as they become saturated haul the laboratory for determination of acter about the oyster grounds, a quart them to the field. The gutter leading moisture.

weeds removed with a hoe. Beginning

June 15th, the height of each plant of

ariety of corn used was Burr's white, This "Blizzard" agreed to do, but for may easily be cleaned and washed. as good results from planting May 4th. some reason delayed it for a few days. 18th, and 25th. Taking the average of In the meantime a friend drove up to

planted later in the season, when the suit may be the outcome.

litter is here the pigs should be stirred greatest. 7. On clay soil containing more sand the first crop of clover increased steadily and rapidly from the use of 4.2 inches of water up to 12.9 inches. The application of 5.2 inches more of water decreased the crop nearly one-half.

AN APIARY AT CARNACA, ON THE ISLAND OF CYPRUS, IN THE MEDITERRANEAN SEA.

On Account of Its Salubrious Climate and Wealth of Flowers Honey Production Would Seem to Be

Natural Occupation-From Farmers' Review

Dressing Calves. Calves from three to six weeks old. and weighing about one hundred pounds, are the most desirable weights will enjoy a run in the field with the for shipment. The head should be cut out, so as to leave the hide of the head on the skin. The legs should be cut fatten them for four months, and bring off at the knee joint. The entrails should all be removed, excepting the kidneys; the liver, lights and heart should be taken out. Cut the carcass open from the neck through the entire spring of the year. It does not pay to length-from head to bumgut. If this turn the young animals out into the is done they are not so apt to sour and pasture early in the spring, and make spoil during hot weather. Many a fine carcass has spoiled in hot weather because of it not being cut open. Don't

wash the carcass out with water but

wipe out with a dry cloth. Don't ship

that they ought to be. Stable care and until the animal heat is entirely out of

the body, and never tie the carcass up cess to pasture fields part of the time. in a bag, as this keeps the air from cirand a good barn for protection whenculating, and makes the meat more liable to become tainted. Mark for shipment by fastening a shipping tag to the hind leg. Calves under fifty pounds should not be all good for the young calves, and the nimals develop so under this feed that | shipped, and are liable to be condemned by the health officers as being unfit for food. Merchants, too, are liable to be fined, if found selling these slunks, until some time after grass is here, but for violation of the law. Very heavy a small feed of bran or oats each day calves, such as have been fed on butfor a short time will be very beneficial | termilk, never sell well in our market

-they are neither veal nor beef .- Ex. the wriggling and restive little creadisappearing, and see what he will do. The instant he touches the earth down and there for a place to start his drill. plowed during the fall of 1893. Each half boring and half pushing motion. and in an instant half your mole's sharply or he will be out of sight bekernels in a hill, the numbers being 2, fore you see how he does it. Up comes four plats were planted April 26th, and along the side of his head, straight four plats were planted each week forward, edgewise, to the end of his earth vertically until it reaches as far four plats was disked, smoothed and forward as his short reach will let marked just before planting. The k go; then, with a quick motion, he variety of corn used was Burr's white, pries the earth sidewise from his nose and it was planted by hand in checks and so makes quite an opening. In-2 feet 8 inches apart. Plantings 1, 2 stantly the left foot does the same thing on the other side and meanwhile surface cultivators, and the remaining his body is entirely out of sight and only his funny little tail can be seen. In three minutes he will tunnel a foot

Killed the Wrong Horse.-A farmer The largest yield of air-dry corn is from its stall some night and shoot it. should have a hinged cover so that it

this will satisfy the craving. After the (41.3 inches) was used the yield was the nicely. This gives the young plant a

Commercial Fertilizers in Indiana. would amount to over \$1,000,000.

acter of the fertilizers sold in this state.

This change consists of a relative in-

crease in the amount of the phosphoric acid contained in the fertilizers, and a relative decrease of nitrogen and a relative decrease of potash. The total quantity of phosphoric acid contained in the fertilizers sold in the state in 1893 was 12,900,000 pounds, the total quantity of ammonia was 2,300,000 pounds, and the total quantity of potash 770,000 pounds. If we compare these quantities with the quantities sold in 1889 we find that there has been a rel-How the Mole Tunnels .-- Now place ative decrease in the amount of phosphoric acid of 10 per cent., a relative decrease in the amount of ammonia of the ground is not unreasonably hard, 3 per cent., and a relative decrease of so that he may have a fair chance for potash of 9 per cent. During the same the amount of raw and steamed bone goes his nose, feeling nervously here sold amounting to 16 per cent. The total amount of fertilizer sold in 1893 was In about one second he has found a double that sold in 1889. Not only has suitable spot. His nose sinks into the the relative proportion of nitrogen, soil as if it were a brad awl, with a phosphoric acid and potash changed. but there have appeared in this time certain lines of goods that were forhead is buried from view. Now watch merly practically unknown in the state. Five years ago a plain superphosphate that is a fertilizer containing no nitrobe found in the state, and the same was considerable proportion.

The brine should be boiled .- Ex.

nice, clean start. Should the ground harrow up cloddy we would roll, if dry, when the corn is up sufficiently to be readily seen. Then follow up at least once a week with the spring tooth cultivator, running very close to the corn while small, but never very deep close to the corn after the roots get well started. We continue with the spring tooth cultivator until from the first to the middle of July, when we leave it. and call it "laid by," feeling that we have done our part for a corn crop.

Prof. Huston, of Perdue University. in a recent bulletin, said: The estimated 38,000 tons, an increase over the sales in 1892 of 3,000 tons. This 38,000 tons of fertilizer consisted of 14,000 tons of bone, raw and steamed: 18,000 tons of containing nitrogen, phosphoric acid and potash; 4,000 tons of ammoniated phosphates, 1,000 tons of phosphate and potash, and 1,000 tons of plain superphosphate. The aggregate selling price A change is taking place in the char-

Handling Manure. H. M. Cottrell in the Rural New 7, and 8, four times; and 5 and 9, three the gimlet-pointed nose has gone on Yorker recommends the following boring. In five seconds, by the watch, method for handling manure: Make the gutters behind the cows with a very slight grade-not over one inch in 100 feet run. Keep them well filled two rows running across the nine if he is at all in a hurry to get on in the with a good absorbent, shavings, sawplantings was measured each week world .- W. T. Hornaday in St. Nich- dust, chaff or cut straw. Any of these absorb nearly the whole of the urine and will retain it so that the ammonia does not escape and taint the air. For by the name of Wells, living on Mau- the small amount of urine that will not rice River bay, near Vineland, N. Y., be absorbed in the gutters, continue the the number of ears and weight being had an old horse which outlived its gutters to the outside of the barn and usefulness. The horse was a pet and have it empty into a shallow tank. of whisky if he would take the horse from the cows to the outside tank

Packing Butter.—After the butter has six years, the largest yield is from the farmhouse with a \$200 horse. The been carefully made and all buttermilk planting May 11th to 18th, with but old "plug" was taken from the stall got out, select good stone jars, rinse little decrease in yield from planting to make room for the guest's horse. with brine and then wrap each roll in any time from April 27th to May 25th.

Corn planted May 25th matured in 118 days. This is less time than required by either earlier or later planting. This, together with the fact that the first three plantings reached their maximum height about the same time. maximum height about the same time, covered the mistake in the morning a of a pint of salt to a gallon of water shows the more rapid growth of corn very stormy scene followed. A law- and keep in a cool place till needed. ing the gold mine in the meantime. He