



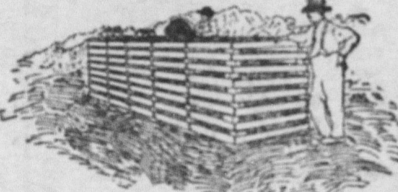
FARM AND GARDEN

PRODUCTION OF ONION SETS

Industry is Now Receiving More General Attention Than Formerly —Market is Wide.

(By W. R. BEATTIE.)

The term "set," as applied to the onion, indicates a small, undersized bulb which, when replanted in the ground, will produce a large onion. This method of producing onions is perhaps the oldest and now the most universally employed for the growing of small areas of onions in the garden and where an early crop is desired. The common method of producing sets is to plant a large quantity of seed on a small area of rather rich land and



Onion Sets Drying on Trays Piled in a Field.

thus procure a great number of bulbs that are undersized, owing to crowding and lack of plant food. The greater number of these bulbs do not attain sufficient size or maturity to produce seed the following season and are really plants in which the process of growth has been arrested.

In the United States the onion set industry is largely confined to a few areas. The crop is extensively grown near Louisville, Ky., Chillicothe, O., and Chicago, Ill. In the Platte River valley of Nebraska, in southwestern New Jersey and in southern California. The entire area devoted to this enterprise in these localities is estimated at from 2,500 to 3,000 acres. The yield to the acre varies with the locality, but the average about 300 bushels. The market for onion sets is found throughout the entire country, the greater portion being disposed of in small quantities.

The climatic conditions governing the production of onion sets are practically the same as those for standard onions, although it is not necessary to plant quite so early in the spring. Onion sets can undoubtedly be grown in any part of the northern states where suitable soil conditions can be obtained. The soil adapted to onion set culture is, as a rule, about the same as that required for the growing of large onions, except that the land should not be so rich.

SET ALFALFA BY MACHINERY

Experiments Made in Transplanting by Use of Machine Used for Tobacco and Tomatoes.

Prof. H. A. Hansen of North Dakota, who has introduced many hardy plants from Siberia for the department of agriculture, among them hardy strains of alfalfa, has been experimenting in transplanting the latter with a machine, using one employed for tobacco, cabbage, cauliflower and tomatoes. At five points in the state he set the plants at the rate of 6,000 an hour. At other points he set them with a plow. He thinks this will do away with dodder and injury from diskings. Some of the Russian alfalfa plants when given room in the garden had 500 shoots from one crown. Over 1,200 farmers are co-operating with Professor Hansen and many reports are coming in showing their remarkable resistance to the drought of last year.

LETTERS FOR MARKING BAGS

Initials Can Be Made of Beets or Potatoes—Ordinary Shoe Blacking Used as Ink.

An initial marker for bags can be made of a beet or potato. Cut off enough of the vegetable to provide a flat surface of sufficient size and then cut out the letter as shown in the sketch, from the Popular Mechanics, and use shoe blacking as ink. In cutting, remember that most of the letters must be made reversed in



Initial for Bags.

order to print right. For example, in making a B, draw it out on paper and cut it out, then lay the face of the pattern on the flat surface of the vegetable and cut around it.

Average Fertilizer for Corn.

Use 800 to 1,000 pounds per acre of a fertilizer containing, actual potash, 9 per cent.; available phosphoric acid, 7 per cent.; and nitrogen, 2 per cent. The plant food in a ton of the above formula may be supplied by mixing 360 pounds of muriate of potash, 1,000 pounds of acid phosphate and 250 pounds of nitrate of soda.

QUALITIES OF LITTLE QUAIL

Food Consists Largely of Seeds of Noxious or Troublesome Plants —Eats Scabs.

(By F. E. L. BEAL.)

The natural food of the quail consists of the seeds of the vast number of plants known as weeds, with a little foliage of the same, especially in winter, when the leaves are young and tender. Considering how small is the amount of fruit usually found in the stomach of this bird, it is a surprise to learn that it sometimes does serious damage to vineyards. Investigation, however, shows that, as in most other similar cases, the injury results only when too many birds gather in a limited area.

Nearly all the complaints against the quail for eating fruit are that it visits vineyards in immense numbers and eats grapes. When thousands visit a vineyard, even if only occasionally, and each bird eats or spoils at least one grape, the result is disastrous.

In the laboratory investigation of the food of these quail 619 stomachs were examined. Animal food, principally insects, amounted to 3 per cent. of the food, and 97 per cent. vegetable food. This latter consists of seeds of plants, most of which are of noxious or troublesome species.

Ants appear to be a favorite animal food, but the quail will eat caterpillars, beetles, grasshoppers, flies, spiders, snails and scale insects.

In this connection the following extract from a letter from Dr. W. G. Chambers of Los Angeles is interesting:

"Last May during the hatching season one of my female quail died a week prior to completing the hatch. An incandescent light eight candlepower was substituted, the result being 15 baby quail, very wild at first, not understanding human sounds or language, but finally becoming as



California Quail.

docile as pet chickens. They were raised in my back yard, running at large after the first week. "A number of Marguerite bushes which grow in profusion in the yard were so infested with black scale that I had decided to uproot them and had postponed doing so as the little quail worked so persistently among the branches; upon investigation I discovered them eating the scale and twittering happily; they would swallow the fully developed scale and thoroughly clean the branches of all those undeveloped."

GARDEN and FARM NOTES

Peaty soils need fertilizers running high in potash.

Topping corn serves to materially reduce the yield.

A hive of bees makes a delicious thing to have about.

Early oats almost invariably yield more heavily than late oats.

The use of a tile under four inches in diameter is not to be recommended.

There is little practical benefit resulting from the use of a mulch with wheat.

Spraying of potatoes with Bordeaux mixture is a preventive of potato blight.

Any impervious covering will check but not entirely prevent deterioration of silage.

Get that piece ready for alfalfa. Better double disk it again just for good luck.

You cannot keep your farm permanently productive without the use of legumes.

Don't put in the alfalfa seed too deep; and remember to roll it well after sowing.

A barnyard full of manure never produced a big corn crop until it was spread on the field.

Tobacco uses up a large amount of plant food and for that reason should be heavily fertilized.

Now and then old cisterns are used for silos and make good receptacles for preserving silage.

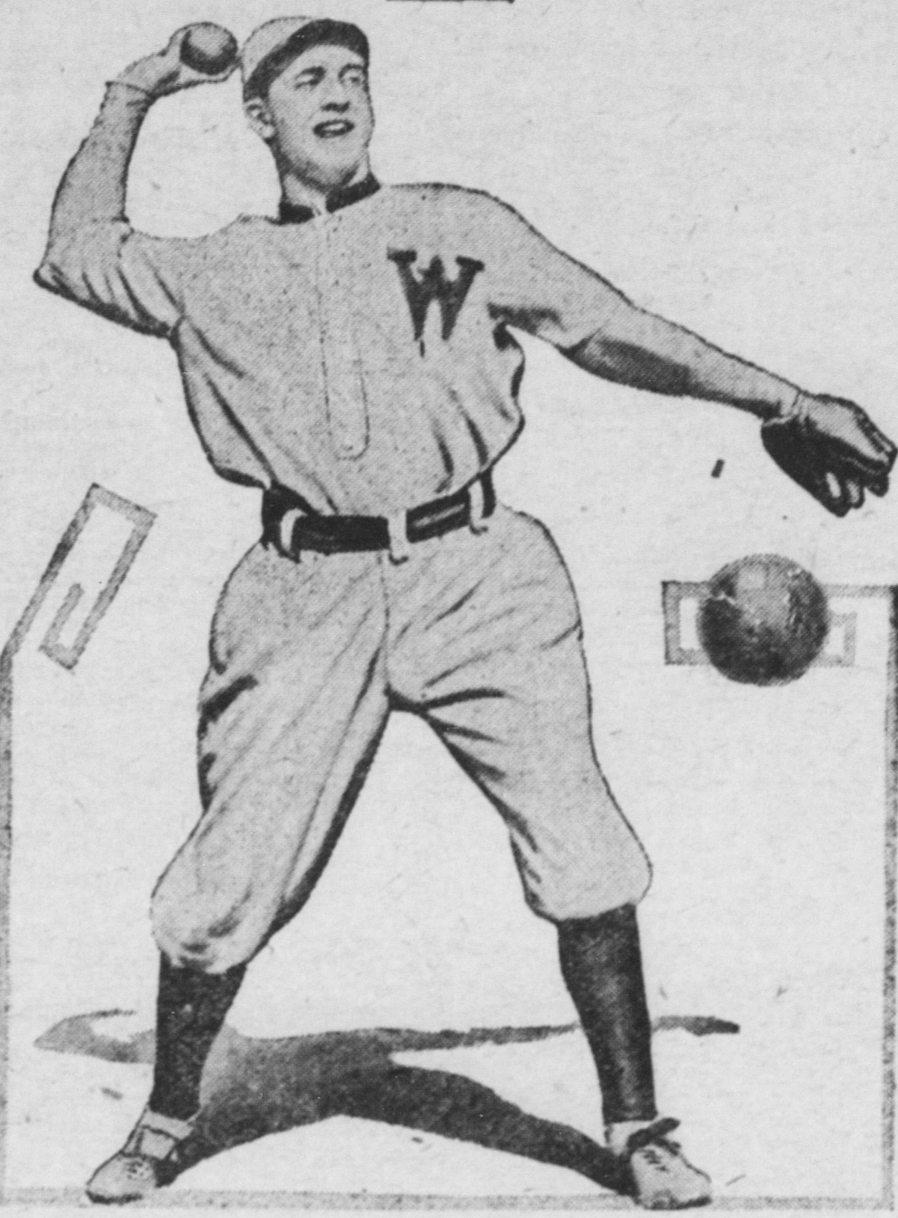
The average acre of corn will yield ten tons of silage while a good field will yield considerably more.

Running over a field with a disk does a great deal to restore capillary activity after land is plowed.

Sandy soils are usually deficient in most of the elements of fertility. Potash is especially lacking in such soils.

Keeping any machine well oiled and in proper repair not only increases efficiency, but decreases the amount of power required to run the machine.

PLAYERS FROM MINOR LEAGUES PLAY WELL



Second Baseman Morgan of Washington.

That winning ball teams are made up to a large extent from material secured direct from minor leagues, and not from players who have had experience in fast company, is proved in numerous instances, among which are the Nationals.

Griffith's entire outfield came here direct from the minors. This is also true of the infield when Morgan is playing second, and is a fact so far as a majority of the pitchers and catchers on the team are concerned.

All of which should go to show that the club which intends to strengthen its fences must draw from the small leagues. Success, however, is not assured in a short period. It may take time, and lots of it, before the purpose is accomplished, but it is the only system after all and should be practiced.

Washington's first successful grab from the minor league grab-bag was Clyde Milan, who was secured from Wichita in the summer of 1907. That fall Walter Johnson also came into the fold, and it was soon generally conceded that Washington had two good ball players. The following

Scattering Notes of the Diamond

Ray Powell, released to St. Joe by the White Sox last spring, is to get a trial with the Tigers.

The Washington team has maintained a scouting force of one and has spent \$10,000 or so for players. And now look at them!

Harry Wolter, the Yankee outfielder who broke one of his legs last spring, has discarded his crutches, but will not try to play again this year.

It's some jump from a Class D league to the empire staff of Ban Johnson, but this Joe O'Brien from the Ohio State is said to be equal to it.

Columbus has recalled Outfielder Farrell from Akron. He will act as utility felder, replacing Donica, the Blue Grass recruit, who will be sent to Akron.

Chief Meyer thinks pretty well of Christy Matthewson's control when he offers to use a rocking-chair when catching him. Meyer says he is the best ever.

Lou Flene, the former White Sox pitcher, is now an outfielder with the Kansas City Blues. He is hitting the ball hard and often and is giving good satisfaction.

Pittsburg papers say Claude Hendrix is deserving of a great deal of credit and that he has been responsible for the Pirates keeping so well up in the race.

John Zanzel is busily engaged in winning his fourth consecutive pennant in the International league. His Rochester team is again in the lead for this year's flag.

Harry Wolter has a new brace for his leg and thinks the time is nearing when he will be able to move about like a regular person. The cast has been removed from his leg.

The players who kick don't last the longest on the diamond, according to Hank O'Day. "Nine times out of ten," says Henry, "the players kick to cover up their own faults."

In talking of the efforts Harry Davis has made to make the Naps a winner it is pointed out that seventeen players who worked out in the spring are not now with the team.

M'INTYRE GETS HIS RELEASE

Former Detroit Player is Sent to Minors by Manager Callahan of White Sox.

Another veteran has passed along the pathway leading to the minors. This time the yellow slip has fallen to the lot of Matty McIntyre, who was recently released to the Milwaukee club. McIntyre's transfer to the Brewers is another cog in the deal that brought Ray Schalk into the Comiskey camp.

More than twelve years Matty constituted a wing of the peerless Buffalo



Matty McIntyre.

outfield, one of the fastest trio of fly chasers in the Eastern league. Later he went to Detroit and for several seasons stood side by side with Ty Cobb and Wahoo Sam Crawford.

What Butler Cost Pittsburg. Early last season Manager Tenny of Boston released Artie Butler to St. Paul, along with Josh Clarke, for Harry Steinfield. Now Butler is back in the National League and it cost Barney Dreyfuss five real ball players to get him. The list includes McKachnie, Capron, Rohg and a catcher and outfielder to be selected.

FOREIGN BELIEFS ARE QUEER

Spanish Wedding is Ruined if One Person Appears Entirely in Black —Some Other Signs.

In Spain the wedding is spoiled if one of the guests appears entirely in black, or if the bride looks into a mirror after orange blossoms and veil are fast in her headress.

When a person's hair ends split, it's taken by the superstitious for a sign that she is either a witch or has been bewitched. As blond hair splits more readily than dark hair, all witches, spirits and sorceresses have blond or red hair, according to popular belief. Likewise, according to the standard of art.

On the marriage eve there is often much good-natured rivalry between the groom and the bride in the Slav countries as to who shall blow out the candle, for the person who does will be "first to die." It is impossible to trace the origin of this superstition, yet it prevails in aristocratic society as well as in the peasant's hut, even as like this, that "to insure the life and health of the children" the woman must occupy the right side of the bed. In addition, she must not smoke before her forty-fifth year.

There is a superstition in this country and many others against burning a broom. The bud of birch broom is used in Southern Germany as a preventive against erysipelas. These buds, a piece of yellow wax and some other articles are enclosed in a pink silk bag, secured with red silk and worn on the back of the neck. The person must change his shirt every Friday.

Sang for Sultan.

Mulid Hafid, the ex-Sultan of Morocco, while staying at Vichy, in France, made an excursion to Les Ardolieres, says the "Matin," where Napoleon III. used often to go for rest. Three young girls, sisters, timidly approached the Sultan and asked him to sign post-cards. Mulid Hafid consented on condition that they would each sing a song to him. Two of the girls at once complied, and the delighted Mulid Hafid wrote on their cards words which, translated, mean: "Like Napoleon III., I have visited Les Ardolieres, where I have enjoyed, together with the calm and freshness of nature, the grace and charm of the voices of Mlle. Paulette and Clotilde." The third girl did not know how to sing, but one of her sisters having sung for her the Sultan added the name of Gabrielle.

Recognize Value of Sports.

The scheme on which King George's children are educated includes careful instruction in all typical open air sports and games. Cricket, riding, fencing, boxing, shooting and the like the young prince of Wales has been carefully and scientifically taught by "ast masters."

Baby Cried Day and Night

with Colic till she was 3 months old, then we got Kopp's Baby's Friend and that cured her. Used it also when she was teething and cannot speak too highly of it, so writes Mrs. L. P. Plummer, Rockland, Me. Sold by druggists, 10c, 25c, and 50c, or sent direct by Kopp's Baby's Friend Co., York, Pa. Sample by mail on request. Adv.

A Hint.

Miss Vocolo—I'm never happy unless I'm breaking into song. Bright Young Man—Why don't you get the key and you won't have to break in?

TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM. Take the Old Standard GIBBER'S TASTELESS CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle. Showing it is simply Common Sense from a scientific point of view. For women people and children, 50 cents. Adv.

Its Own.

"Why do they call it 'Labor' day?" Inquired the mystified foreigner. "It's the labor's day off," explained the native.

DOES YOUR HEAD ACHE?

Try Hicks' CAPUDINE. It's liquid—pleasant to take—effects immediate—good to prevent Sick Headaches and Nervous Headaches also. Your money back if not satisfied. 10c, 25c, and 50c, at medicine stores. Adv.

What a lovely old world this is for a girl the first time she falls in love—and what a sadness it is when she falls out again!

Mrs. Winslow's Soothing Syrup for Children. Teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle. Adv.

Many a man fools himself with the belief that his wisdom is superior to that of the late Mr. Solomon.

A fussy woman says the next most annoying thing to a man in the house is a fly.

W.L. DOUGLAS SHOES

\$3.00 \$3.50 \$4.00 \$4.50 AND \$5.00 FOR MEN AND WOMEN. Says wear W. L. Douglas \$2.50, \$2.50 & \$3.00 School Shoes because one pair will positively outwear two pairs of ordinary shoes, same as the men's shoes.

THE STANDARD OF QUALITY FOR OVER 30 YEARS. The workmanship which has made W. L. Douglas shoes famous the world over is maintained in every pair.

Ask your dealer to show you W. L. Douglas latest fashions for fall and winter wear, notice the short vamps which make the foot look smaller, points in a shoe particularly desired by young men. Also the conservative styles which have made W. L. Douglas shoes a household word everywhere.

YOUNG WIFE SAVED FROM HOSPITAL

Tells How Sick She Was And What Saved Her From An Operation.

Upper Sandusky, Ohio.—"Three years ago I was married and went to house-



keeping. I was not feeling well and could hardly drag myself along. I had such tired feelings, my back ached, my sides ached, I had bladder trouble awfully bad, and I could not eat or sleep. I had headaches, too, and became almost a nervous wreck. My doctor told me to go to a hospital. I did not like that idea very well, so, when I saw your advertisement in a paper, I wrote to you for advice, and have done as you told me. I have taken Lydia E. Pinkham's Vegetable Compound and Liver Pills, and now I have my health.

"If sick and ailing women would only know enough to take your medicine, they would get relief."—Mrs. BENJ. H. STANBURY, Route 6, Box 18, Upper Sandusky, Ohio.

Eczema from boyhood Resinol cured him

TOLEDO, O., May 30, 1912.—"I have completely cured my eczema. I suffered with it ever since I was a boy, and I am now 47 years old. My arms and face would break out, and I was tortured with itching, especially in the spring, fall and winter. My cheeks my skin would turn red, itch and crack, and more so on my wrists. They would split open and bleed. "I was in a hospital one day to see a friend who had skin disease, and I found they had cured him with Resinol Ointment, and Dr. ... recommended it for my eczema. I used it with Resinol Soap, and to my surprise they have completely cured me. My skin is clear." (Signed) CHAR. J. STANBURY, 710 National Union Building.



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is a safe, never-failing remedy for Cramps, Colic, Diarrhoea, Dysentery, Nausea, Acrid Odors, Stomachic Excesses. Gives immediate relief. Diacramp does away with all narcotics and dangerous drugs containing opium, chloroform, etc. It does the work quickly without deranging the system and has no bad "after effects."

10c and 25c AT YOUR DRUGGISTS. If he can't supply you, send 10c in stamps for trial size.

DIACRAMP

Richest in Healing Qualities FOR BACKACHE, RHEUMATISM, KIDNEYS AND BLADDER.

FOLEY KIDNEY PILLS

Quickly relieves any urinary ailments. Sold by druggists, 50c per box.

W.L. DOUGLAS SHOE WATER

Keeps shoes from getting stiff. Sold by druggists, 50c per bottle.

