Muleshoe, Bailey County, Texas, Friday, Aug. 14, 1925.

### arland Smith Here From Mangum, Okla.

Garland Smith and wife, of langum, Oklahoma, were here ast week looking after his land ut in the irrigated distrcit. He nas been reading the Journal for the past three months. He said you are giving the people a good paper for so small a town. There is only one thing I have to say about the paper and that is, you do not tell the people of the wonders of the country strong enough. He said, "I have Drive to Lubbock, motor around, been over lots of country and this Muleshoe territory is the If you ever hope to make a start, finest I have seen." One can have the choicest dry farming lands obtainable, and all the irrigated lands you want. And the land here is still very low in price, compared to other places we have visited.

Mrs. Garland Smith and Mrs. E. J. Vnace were girlhood friends in Oklahoma, so they have been visiting in the Vance home. Miss Jessie Henry is also with them.

They expect to move to their new farm out near John Tucker, in a very short time. They are carried away with the country and say there are many people in Mangum, Oklahoma, who want to move to Muleshoe or near here. Some want dry land farms and others want to raise truck.

Let them come, we have plenty of land at reasonable prices, and plenty of Real Estate men to take care of them, or they can buy direct from the owners.

### Chevrolet Company Reduces Prices

Announcement of a price reduction effective August 1/on Chevrolet closed models was made today by R. H. Grant, general sales manager of the Chevrolet Motor Company. The raire ice list is as

Jupe reduced \$40 to a w lice of \$675; Coach reduced \$40 to a new price of \$695; Sedan reduced \$60 to a new price of \$775.

"The record production and phenomenal sale of Chevrolets during recent months enables the company to reduce prices at an earlier date than at first had been contemplated," said Mr. Grant. "It is the result of quantity production permitting quality manufacture at lower cost."

Mr. Grant pointed to the fact that the Chevrolet Motor Company will have exceeded by August 20 its total production for the year of 1924 after having established production records for three successive months. The company will make its two millionth car early this fall, and will be the first manufacturer of three-speed gear-shift cars reach that production mark.

### Ye Country Editor

Oh. I wish I was an editor, I really do, indeed. It seems to me that editors Get everything they need.

They get the biggest and the best Of everything that grows, They go free into circuses And other kinds of shows.

Biggest punkins, largest beets, And all that kind of stuff, Are blown into the "sanctum" By an editorial puff.

So I wish I was an editor, I really do, indeed, It seems to me that editors Get everything they need. "All the Way from Pike."

e crops looking their be

### The Promised Land Is Waiting For You

Out in the West, Apart from the rest, We know it is best, It has stood the test. Our drouths are very few;

Our water is simply great; What we speak is true,

We have the best at any rat Buy a shallow water farm,

It will do you no harm; It will cost you but little, Your purse it will thribble.

Lots of bunk; a pretty town, Come on back to Muleshoe part.

Muleshoe is our name, But we're not to blame; We have lots of rain, That's the secret of our fame.

Come to Muleshoe,

We welcome you; Health, wealth and peace, abide; For those who stayed and tried. By Sherman B. Vance.

### Oklahoma Farmers Buy Lands Here

sell out their crops and make ren. ready to move to their new farms near here.

They said they had heard a great deal about the fine farm lands in this territory, and had been reading in the Journal of be given an opportunity to enthe dry farming districts they four day Chautauqua program. purchased a farm at once. They with their purchases.

us all. Fine lands, worlds of of a Chautauqua to a community the first of the year. Mr. Satter- millions and billions of stored up in the irrigated districts and up mand and appreciate a higher much encouragement from every and power. And BRAINS! Is to 160 feet in the dry land farm- grade of program than in years section of the state and feels there a place anywhere in the ing districts.

sure to be in fine shape this fall.

### Longview Capers

This has been a rather rainey look promising for a big yield get your tickets early. this fall. Watermelons, cantaloupes, roasting ears, beans, peas and other truck are getting ready for eating.

Gill Walker made a trip this er and her sister. They will stay for a weeks visit.

Bill White and wife made a trip to Memphis in Hall county, this week, carrying Misses Bettie and Ruth Pendgrass back home. They have been visiting here for the past two weeks.

Dick Pendgrass, of Memphis is visiting Harper and Carl Essary, the three, are old school mates.

Frank Carpenter is gone to Witchia Falls this week looking after his interest in that section.

Dave Sanford and Ira Graves left early in the week for Hall county, visiting their parents. They will go to Ft. Worth and Austin on business before returning.

W. E. Cox has relatives visiting him this week from down

L. V. L.

owell and wife made you want the business to be a Come and bring your sacred were well pleased with crops. ion trip over the south- great asset to you and this com- Harp and we will sing the songs Mr. Pierson owns land here, and of the sand hills and remunity, bring me your produce. our Fathers and Mothers sung. G. W. Sollock's Produce.

## Bailey County To Four Large Bricks Have a Nurse

Civic League had a live com- from Green Motor Co. Dr. Matthews.

they start to put over a proposi- wide each. for it is going over.

ful worker on the proposition.

We are very glad that we are Clif and Otis Tinsley and Mr. going to have the nurse. We Satterwhite May Run Pough, of Mangum, Oklahoma, have been devoting our time to were here last week and pur- livestock and agriculture, so let chased farms. They returned to us take better care of our child-

### Chautauqua Program In September

The people of this city are to the fine prospects for crops here. joy some high class entertain-When they arrived and made a ment, during the 3-4-5 and 7th tour over the valley and out in of September, in the way of a

The building of an acceptable were more than carried away program is much more serious date for Governor of Texas in why should Texas ever come to business now than ever before. Come and see, is all we can One of the most indisputable decides to enter the race, the an- lities? Water power going to say. It is here. A fortune for proofs of the educational value nouncement will be made about waste. Wind going to waste and water, ranging from 9 to 30 feet is the fact that our towns de- white states that he has received cubic feet of oil and gas for fuel past. The old-time medicine highly pleased over the pro-offer- Nation where more undeveloped Good crops can be found all show is gone—the worst of the ed support form his many friends. and unattached brainpower is go- in 1926. over the trade territory. With street carnivals are nearly gone, prospects of good prices we are not because of any tirade or campaign against, them but because away from such coarse amusement.

Watch for advertising matter week in this section and crops on this wonderful program, and

FREE Chautaugua tickets-Beginning today, to every person buying \$25 of merchandise from us up to Sept. 1st, we will give week to Roswell, with his moth- one adult season ticket free; to the Chautauqua. Get our prices before you buy. Johnson Specialty Shop.

### Del Rio Highway Was Designated

F. H. Mathews, County Enginer and D. L. Butts, Section Foreman on State Highway maintenance, attended the highway meeting at Sweetwater, last week. They report the designation of the Del Rio Highway. This road begins at Del Rio and connects with the highway at Friona. This gives a direct highway South to Midland and other points.

### Sacred Harp Singers Sudan August 16th

(To the sacred Harp singers of the plains.)

There will be a sacred Harp I handle only such produce as day in August which is the 16th. and Warren Flint, of Griswald, belongs to a produce businee and We are expecting a large crowd. all of Iowa were here Wednesday pay the best prices possible. If Dinner will be spread at 1 p. m. looking at the country. They Thos. A. Nelson.

# To Go Up Soon

At the regular meeting of the Plans are made and the con- day is her industrial star. For Crane, of Farwell, tendered to Commissioners Court last Satur- tract will be let this week for the years Texas has lead the Nation the Commissioners Court of day the matter of securing a erection of four brick buildings in agricultural products. But Parmer County his resignation county Nurse was taken up. The on main street across the street 1924 brought her to the top of as County Attorney of that coun-

entire buildings.

brought up the matter of a two buildings, one to be occupi- divided the Lone Star State. County Nurse in the Chamber ed by their grocery and market When the official announce-beneficial to her. pleted the job in fine style. The used as an annex. All four of Texans themselves looked at and to take 6. Sept. 1.

tion you might as well fall in line There is much building being made anything. I thought Texas Mr. Crane his abstract prent and Mr. Wilterding was also a faith- nice homes are to be erected just producing the raw products Mr. Thomas, would go to Farwell

Hon. Lee Satterwhite, of Panhandle, was in the city Monday up in Texas and looking for a practice of the law. and made a short visit at the good place to build a new factory. Mr. Thomas will go to Farwell News office. Being publisher of A lot of folks are beginning to about Aug. 15 to be in the office the Panhandle Herald, Mr. see the possibilities of the future two weeks in advance of his Satterwhite is nearly as much in Texas' industrial sky. We taking charge there Sept. 1. interested in newspapers as he say "sky" because there will

is in politics. while he had made no formal announcement, yet it was almost the primary next year. If he nor. - Canyon News.

### Get Fall Fashions From Julia Bottomley

What's the keynote for Fall Fashions?

Are skirts to be longer or remain short?

What materials will be popular? Get the answer to all these

questions and many more in the Fashion Department of The Journal, conducted by Mrs. Julia Bottomley, international authority on everything pertaining to woman's dress. Hats, coats and footwear will undergo slight new day in Texas. The new changes, and Mrs. Bottomley in her regular department will reveal the latest modes for the woman of discriminating taste.

Julia Bottomley's suggestions are never extreme. All the materials she recommends may be obtained in Muleshoe from advertisers in The Journal. If you haven't been reading these articles you have been missing an important part of this newspaper, Read what she says to-

E. C. Pierson, of Atlantic, and Paul McCaskey, of Griswald, singing at Sudan the third Sun- F. L. Tomlinson, of Red Oaks, before they reach home.

### Texas Today **Promises Great Future**

The brightest star in the commercial firmament of Texas to-• the Nation in manufactured ty, to take effect Sept. 1.

never be a limit to the industrial Charles Clements Mr. Satterwhite stated that possibilities of Texas. With more wool and mohair and cotton and gas and farm products and cattle certain that he would be a candi- than any other state in the union, the end of her industrial possibi-While Speaker of the House dur- ing to waste than right here at ing the last session of the legis- home? What could and what known, has gradually climbed lature, he made many warm would Texas do in the next genthe Chautauqua has led the peope friends in all sections of the state eration if all her citizens' brain ings of this section. Beginning who are backing him for Gover- power were developed to a 100 as a boy, after finishing school have the children. We have the was next elected county judge greatest industrial system in the world. We have the raw power and we have the mechanical power and in just a few more trict and has served for five weeks Texas will throw open the doors of another great educational institution whose chief mission will be to train workers and leaders and directors for this Tech College in Texas just had too soon. Everything in the commercial, the educational and

four-power team balanced if the sideration of the voters at next whole state is to advance evensun rise of a new day. All we need to do is all work and pull together and let her come. - By Phebe K. Warner.

A. M. McElvee, of Ft. Worth, was here Friday and Saturday, figuring with the County Judge on the wood furniture of the new court house. Mr. McElvee is a subscriber to the Journal and said he was well pleased with the others will likely own some his paper and wanted to renew know, the real article. Many when his time was out.

### J. D. Thomas Elected County Atty.

Monday, August 10, A. B.

mittee behind the move also as- A. V. McCarty Sr. and Jr. wil products. This position has been He stated to the Court that sisted by the various schools of erect two modern bricks, one to reached so quietly and so un-the reason for his action was octhe county. Miss Katherene be occupied by the Drug Store, consciously that the people of casioned by his intention of re-Hagquist with the State Board and the other to be rented to Texas can scarcely believe it. moving to the Rio Grande Valley, of health, from Austin was also some business. Up stairs there Our fields are so broad, our raw where he intends to practice law present. It was decided to put will be up-to-date offices, over products so varied and so far be- at Raymondsville, Texas. We on a nurse, to work with the one of the buildings. Concrete tween that one part of the state understand that Mr. Crane has schools and the county Physician walks will be built around the is barely conscious of what is decided on this move on account going on in another part of the of the health of Mrs. Crane, it Some time ago Dr. Matthews C. D. Gupton & Son will erect state. Yet we are ONT and un-being thought that the salt breeze of that country will be

of Commerce. It was mention- and the other to be rented. Over ment came from Washington After the court had accepted ed thru this paper and suggested one of the buildings he will have that Texas for the first time in the resignation, it then by its that the Civic League take it up rooms. Due to the crowded con- history stood first in the nation order elected J. D. Thomas of and put it over. They have com- dition of his hotel this will be as a manufacturing state the Muleshoe to succeed Mr. Crane

Civic League is the livest organi- these buildings will be eighty one another in bewilderment and It will be remembered that some zation in the town. And when feet long and twenty-five feet said: "Why, what are we manu- few days ago Pressix & Thomas facturing? I didn't know Texas local attorneys purchased from planned for this fall. Several spent all her time and brains at that time it was stated that for others to finish for use. What and assume charge of that office arethese manufactured products? on Sept. 1. His election to the And where are they made? And office of County Attorney, places For Governor who is making all these things him in a very unique position, the government is talking about? presenting a greater opportunity But a lot of folks are waking in pursuing his proffession of the

# For Dist. Judge

The present District Attorney wants to be promoted—has good record as officer for many years.

Charles Clements, at present serving his third term as district attorney of this district, was in Lockney, Tuesday and informed the editor that he would be in the race for District Judge of this district at the July primaries

Charlie, as he is familiarly per cent efficiency? What would at the State University of Texhappen to this old and new state as, he was first city attorney of if all her native children were Plainview, he was then advancgiven a square deal? And it is ed to the office of county attorney, coming about some day. We where he served four years. He brains with which to build the of Hale county, and served four years as judge and ex-officio county school superintendent. materials. We have the natural He was then elected district attorney of the 64th judicial disyears in that capacity. Charlie now asks the people of the 64th judicial district to promote him to the office of district judge. He has kept the faith of the people and made good in each of the offices he has filled, although at to be. It has not come an hour times he has had to labor under great difficulties in order to do so. He is deserving of the peoples industrial as well as the economic confidence and has never betrayaffairs of Texas was calling for ed the trust they have placed in it. You have to keep this great him. He will appreciate the conyear's primary election, and ly. Truly Texas is all set for the asks for the support and influence of his many friends and acquaintances.

> W. H. Kistler has been busy this week selling peaches. Mr. Kistler does not irrigate his orchard, but he has some of the finest peaches to be found in this part of the state. We know what we are talking about for he has furnished us several samples. When we have the actual article in our posession and eat it we thanks Kis

### . ... NECESSITY

Experience has shown that forage crops are necessary for growing pigs economically. So states William C. Skelley, assistant animal husbandman at the New Jersey State College of Agriculture, who continues:

"Pasturing on green forage saves a great amount of feed, allows plenty of fresh air, gives the animal exercise and helps to keep the quarters sani-

"Where it thrives alfalfa makes one of the best permanent pastures for swine, as it can be pastured from early spring to late summer and is high in protein and mineral matter. Since heavy pasturage is injurious to the It is well to restrict the number f pigs, allowing the plant to grow and good for two or three cuttings of

Red clover also makes an excellent forage. Pigs should not be turned on it until it has reached a good growth, as too early pasturing is likely to kill it out. It can be pastured until it becomes woody in the summer, when it contains too much fiber to be taken care of by the pig's digestive tract.

"Sweet clover is another leguminous forage which should be pastured rather closely, as this encurages new growth and hinders we diness. "Rape is unsurpassed as an annual

forage crop for swine. It is palatable, succulent and high in protein and ash.

As it may be sown both early and late in the season, forage may be provided at any time in the summer. Pigs should not be turned on it until it is about ten inches high. If rape is not pastured too closely growth will continue until fall.

"Field peas, sown either alone or with oats or rape, is a very satisfactory summer forage crop, as it is a legume and compares with alfalfa and clover in its protein content.

"Rye furnishes a supply of green. succulent feed material in the late fall and early spring and is therefore of great benefit to the breeding herdespecially the brood sow nursing fall and spring litters.

"A number of other forage crops, such as soy beans, bluegrass and even some weeds are relished by swine. The point for the grower to keep in mind Is that every bit of green material consumed by the pig means a saving of some grain in growing that pig for market."

### Alfalfa Versus Clover

for Pasture for Swine

Alfalfa excelled red clover as a pasture for hogs in recent comparisons made at the Indiana station. Alfalfa proved capable of carrying more hogs per acre than clover and produced slightly larger gains with less corn than was required on clover pasture. The showing of clover pasture, however, was very satisfactory. The two pastures carried 18 to 20 spring pigs to the acre when the plgs were full fed and about seven pigs when limited grain feeding was practiced.

In one test pigs were fed a limited ration of two pounds of grain daily for each 100 pounds live weight. Part of the pigs grazed alfalfa and part clover pasture. Gains made by the two lots were practically identical, but the pigs on alfalfa required only 243 pounds of corn per 100 pounds of gain, compared to 255 pounds for the pigs on clover pasture.

In a comparison of pigs which were full-fed corn and tankage on the two pastures the pigs on alfalfa outgained those on clover by a slight margin and required five pounds less corn and four and one-half pounds less tankage than the pigs which ran on clover pas

### Exercise for Stallions

Stallions should have a liberal amount of exercise during the breeding season, especially during the last half. They should have the equivalent of eight or ten miles a day on the road. This exercise should be given early In the morning. Nothing will pay better in the management of a publicservice stallion than this kind of ex-

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### Live Stock Notes -

Use pure-bred sires for more and better meat, milk, wool and eggs.

Corn and cob meal is not considered a good horse feed. Horses will de better on a mixture of corn and

Nature's tonics for young pigs are exercise, sunshine, plenty of green, succulent feed, plenty of good water, and clean surroundings.

Since the silo makes it possible to store forage for both winter and summer feeding, it should be provided on all farms where live stock are to be kept.

Soaked shelled corn will not put as much fat on hogs nor make them ready for market quicker than dry corn fed in the ear or shelled.

The tor litto any doubt

ves beyond man, en-

### \_reated Gradually Becoming Apparent.

That New Jersey growers are firm believers in the value of legume inoculants is apparent from the flood of inquiries recently coming in to the experiment station, at New Brunswick, asking for inoculation material. This is probably due to a recent article in one of the farm papers which erroneously stated that legume inoculants could be obtained from the station.

### Available Inoculants.

Since no appropriations are made for the distribution of inoculants by the experiment station or college of agriculture, these inquirers are necessarily referred either to the various commercial sources or to the United States Department of Agriculture. Good inoculants are now available from several commercial sources at prices ranging from 50 cents to \$1 an acre, depending on the quantity desired and the kind of material ordered.

To a limited extent, inoculation material may be obtained free from the United States Department of Agriculture on request of the county agent. Names and addresses of commercial firms selling inoculants may be obtained from the county agent, or from the college of agriculture at New-Brunswick.

Inoculate Entire Farm. The value of having the entire farm moculated for all of the legumes commonly grown on it is becoming increasingly apparent, and many farmers have thoroughly inoculated all fields which grow crops needing inoculation. Whether this is done by commercial culture or soil from other inoculated ground makes little difference-the Important thing is to inoculate. Those interested in the methods of applying the material will find descriptions in Extension Bulletin 32. "How to Inoculate Legumes." copies of which may be obtained free by addressing the Mailing Clerk, New Jersey State College of Agriculture, New Brunswick, N. J.

### High Grade Fertilizers

Are Cheaper for Farmer

The high analysis fertilizers are nearly always cheaper than the low analysis goods, says E. L. Worthen of the state college of agriculture of Ithaca. The new concentrated mixtures, however, do not offer any savings over those containing a total of 18 to 20 per cent of plant food.

In mixing and marketing fertilizers at the factory there are certain expenses which depend on the volume rather than on the concentration of the product. It costs as much to make bags, print the guarantee on the bags, mix, handle, analyze, load, and ship a low grade fertilizer as it does a high grade product.

Freight costs just as much for 4-8-4 fertilizer as for 5-10-5, but it is not as much bother to the farmer to handle, and it really is cheaper on an. actual cost basis.

The 5-10-5 costs \$6.50 a ton more than the 4-8-4. For this \$6.50 one gets in each ton of 5-10-5 an additional 500 pounds equivalent to the 4-8-4. In other words, the extra plant food secured in the 5-10-5 costs at the rate of \$26.00 a ton for the 4-8-4 mixtures. And the retail prices of these two grades this season are \$49.30 and \$42.-80 respectively.

### Buttermilk in Silo to

Start the Fermentation

New use for buttermilk is suggested by Prof. O. Erf of the Ohio State university, who has used this by-product of the creamery to start the right | kind of fermentation in silos. About three gallons of buttermilk is used to a ton of silage.

There are two kinds of acids formed In silage, he points out, namely, acetic (which is found in vinegar) and lactic acid (which causes the souring of The purpose of the buttermilk). milk is to act as a "starter" the same as in churning, so that lactic acid will be developed in the sliage instead of

acetic. Experiments carried on at the Ohio experiment station showed increased milk production and improved physical condition of the cows fed lime on top of the silage, from one to two ounces per cow daily. Calcium lactate, formed chemically by the lime uniting with lactic acid in silage, can be assimilated by the cow, while calclum acetate will not be.

### Do Not Sow Clover and

Sudan Grass Together

Do not sow sweet clover and sudan grass together. You will get a very poor stand of sweet clover and if the season continues dry there will be practically no sweet clover. From 20 to 25 pounds of sudan grass seed is required per acre. Sweet clover may be sown alone at any time during the summer up until the middle of August if a good, moist seed bed is proided. It may also be sown in corn t the last cultivation or with soy beans but the chances of getting a good stand by seeding with these crops are greatly reduced depending upon the weather during the remainder of the season. If there should be plenty of rain the sweet clover may 't should be make a good stand to raise unusually dry the

### .... wy seeds Where Winter-Killing Is Likely.

Alfalfa growers should purchase their seed with care.

"There are several things to consider in seed selection," says L. F. Graber, alfalfa specialist at the Wis consin College of Agriculture. Where winter-killing is known to occur hardy strains such as Grimm and Cossack should be sown, as the extra cost is returned in better yield. Where winter-killing is not serious and short rotations are practiced, good common strains have proved successful.

Strange as it may seem there is less winter-killing in the northern half of the state because of the better covering of snow which they have in that section.

Another advantage of Grimm alfalfa is in seed production which may occur every other year or so. The higher price received for the seed makes this strain much more profitable. Some growers have realized as high as \$60 an acre from this source. A crop can be expected only when the season is dry at blossoming time. In regard to a seed crop, alfalfa does not differ so much from clover, as seed from that crop is not a certainty.

"The safest Grimm seed to buy is that which has had a field inspection and certification by the officials of the western states where it is produced," Graber states. Of this there is an enormous quantity, much of which is in bags, branded or sealed, or both, by these officials, which certifies its purity. This seed is available through regular commercial channels of dealers and seed companies.

The strains which Graber has found best because of the resistance to winter-killing are those from South Dakota, Montana, and Kansas.

## Care for Cows Through

Several weeks before the prospective mother cow's time comes for freshening, she should be "dried off."

This should be done for the reason that the cow is preparing for a hard ordeal and she needs and should have all her strength reserved for the event. She should not be required to divide her strength with the production of milk.

True it is that some cows are such persistent milkers that it is quite difficult to get them dry, but just as sure as water runs down hill they will not produce as much milk after freshening if they do not take a vacation from milk production previous to the arrival of the new-born calf.

One way to "dry up" a persistent milker is to skip one milking, then milk her dry next time, then skip two milkings, and milk her dry, then three, etc., until dry, meanwhile keep her off good pasture and feed her nothing but timothy hay, do not let any one handle her udder between milkings.

When the cow is dry she should be fed generous rations of bran and oats, the oats may be fed whole or ground. The bran contains minerals and the oats provide strength. In winter on dry feed the cow should have oilmeal included in the ration.

### Whey Is Found Excellent

as Skim Milk Substitute Dairy farmers who have a supply of whey available will also be interested in the tests at the Wisconsin sta tion in which calves were fed whey as a substitute for skim milk. A grain mixture of three parts ground corn, three parts standard middlings and four parts linseed meal was fed in addition and bay, salt and water were provided as in the other lots. Calves thus fed gained 1.49 pounds per head daily as an average, or practically as much as the calves fed ten pounds of skim milk daily. The average feed cost to six months of age was \$21.58 per calf. It was necessary to take a little more care in changing over from whole milk to whey than from whole milk to skim milk. The whey was fed in a sanitary condition and was never allowed to stand in a filthy tank or can. The results show that what little care is taken calves can be ra satisfactorily on whey supplemented with grain and hay.

About 19 per cent of the land area of the United States produces crops.

Whitewash is one of the old reliable substances that have held their own against all newcomers.

Crushed rock salt is the best chemical to use in killing the common barberry which spreads the black stem rust of cereals.

Valuable feed may be saved by culling the poultry flock this summer. Those hens that molt early, that are old and inactive, are generally boarders and should be sold or put in the

Cattle need liberal amounts of salt and should have free access to it at all times. They will eat more ground rock salt than unground rock salt and ground evaporated salt than any other kind. The ground rock salt e to be seems to furnish enough for good re-

### Poultry Breeder Must Rely Solely on Mother Nature for Square Deal.

(Prepared by the United States Department of Agriculture.)

If you are one of the many who believe that the long, slim, heavy hen eggs are the ones which hatch out the male chicks, and that the smaller eggs are the ones which give birth to the future layers of the flock, you need to revise your opinion on the matter, says the United States Department of Agriculture. You may as well leave your tape measure, scales, calipers, and other units at home when you go forth to purchase a "setting of eggs" from your poultry breeder, and rely solely on Mother Nature to give you a fifty-fifty deal in the matter of sex.

### Can't Determine Sex.

In answer to the continuous stream of inquiries pouring into the department office relative to determining the sex of the chick in the shell by the size, shape, or weight of the egg, the department says "it just isn't being done." That is, not in a practical way, at least. The scientist is able to identify the sex of a chick in the shell after seven or eight days of incubation, however.

Because of the important bearing an the practical aspects of the poultry industry which the ability to select hatching eggs according to the sex desired would have, if such were possible, a number of investigators have made studies concerning the sex-ratio situation in the domestic fowl. Recently Dr. M. A. Jull, poultry husbandman of the United States Department of Agriculture, completed some observations in which he concludes that there is no correlation between the length, shape, or weight of the egg and the sex of the chick hatched from it. He has also made studies Dry Period Important to determine whether or not there is a correlation between the weight of the egg yolk and the sex of the chick, or between the yolk water-content and sex ratio, with the same negative result.

### Number of Eggs Counts.

It has been determined, however says Doctor Jull, that the greater the number of eggs which a hen lays before being put into the breeding pen, the larger will be the proportion of females and the smaller the proportion of males produced by her eggs The practical poultryman may be able to take advantage of this fact to some extent by making his selection of eggs for hatching with reference to the hen's period of production.

### Grain for Mature Bull Depends Upon His Size

The grain a mature bull should be fed depends, of course, upon his size and the amount of work he is doing. If he is getting around 12 or 15 pounds of good clover or alfalfa hay and some silage, grain may not be necessary. Many men prefer to feed some grain and either eliminate the silage or feed it in small amounts.

There is some question as to the advisability of silage in a bull's ration. Fed in amounts not in exces of 15 pounds for a large animal, there is very little danger of his becoming too paunchy for service. On the other hand, there is no particular reason why a bull should receive silage if his other feeds are right.

The amount of grain allowed must vary with conditions and service. Usually from four to eight pounds is fed. A good mixture of corn meal, three parts; ground oats, three parts; wheat bran, three parts, and oilmeal, one part. A reasonably accurate guide is to feed a bull the same as a cow in full milk.

### Commercial Fertilizer

**Encourages Big Yields** The continued use of commercial fertilizer over a series of years will encourage the production of large yields and it may be at the end of such a period it will be found impossible to raise as good a crop without the use of fertilizer. However, this is not due to any injurious effect of the fertilfzer itself, but rather to the fact that the fertilizer has stimulated the crop, and caused it to remove from the soil even more plant-food elements than are supplied by the fertilizer. But if elther large or small amounts of fertilizer are used in connection with a good system of cropping, and every care is taken to return all the manure to the land, there will be no reduction of yield due to soil depletion. The fact is, commercial fertilizers have a very definite value, more especially when proper use depends on such factors as crops, soils, rotation systems, etc.

### Sweet Clover Cause of

Serious Cattle Trouble The Minnesota experiment station has discovered that when sweet clover hay is fed in large quantities to cattle, it occasionally causes rerious trouble. In fact, when two ring helfers were fed on an exclusive diet of sweet clover hay both of them died in a little over a month. Death appeared to be caused by internal bleeding. It seems, however, when sweet clover hay is fed in connection with other roughages, that it is safe. Sweet clover pasture seems to be perfectly safe, except for occasional bloating of the same sort that bothers with clover and alfalfa.

# Are Superior to Cottonseed Cake for Dairy Cattle.

The past few years has seen a marked increase in the acreage and interest in the growing of soy beans. A national association of growers of soy beans has been organized and they are very actively engaged in popularizing the soy bean in the Unit-

The seed of the soy bean plant is the richest in crude protein of all the seeds used in live stock feeding. The percentages of crude protein in soy beans is 36.5 per cent and every 100 pounds of soy beans fed yields 33.2 pounds of digestible crude protein. The soy bean seed is also rich in oil, as it contains 16.1 pounds of digestible fat in each 100 pounds of soy beans' fed. Compared to linseed oil meal, soy beans contain 2.9 per cent more digestible crude protein and 9.4 per cent more digestible fat.

Soy beans for dairy cattle are slightly superior to cottonseed cake. Care must be exercised in feeding soy beans to dairy cattle, as excessive amounts cause soft butter.

Cattle have been successfully fatened upon soy beans, and, when compared to cottonseed cake, the soybeans proved just slightly inferior to the cottonseed cake.

In swine feeding, the composition of soy beans, as given above, should be carefully considered. The protein content indicates that it can be used as a protein supplement to carbonaceous grains. Due to its high off content. soft pork is apt to result, if soy beans are fed to any great extent.

Soy beans should be ground for horses and cattle, but it is not necessary in feeding sheep and pigs.-B. W. Fairbanks, Extension Service, Colorado Agricultural College.

### Foreign Clover Seed Is

Found to Be Worthless During the last five years approximately twelve and one-quarter mil-

ion pounds of Italian red clover seed has entered the United States from Italian ports. This seed is classed by the United States Department of Agriculture and the state experiment stations which have thoroughly tested it as "no good." It is not adapted to the production of clover in this coun-

Reports coming from experiment stations in Iowa, Minnesota, Wisconsin, Michigan, Indiana, Ohio, Tennessee, Pennsylvania, Maryland, Virginia, New York and several other states, present a body of information which leads to several important conclusions. These are that Italian red clover seed s worthless except in Idaho and Washington, where the climate is mild; that Bohemian red clover is not much better, and that native American clover seed is the best of all to withstand the winter weather and the attacks of mildew and anthracnose.

### Strain of Early Tomato

Propagated at Michigan

A new strain of early tomato is being propagated at Michigan State college under the direction of George E. Starr, assistant professor of horticul-

"The experiment," says Mr. Starr, "is being carried out with the intention of producing a tomato that the Michigan gardener can get on to the market in time to get the benefit of ten days before the usual crop is ready | etc. for sale. The experiment includes selecting and breeding primarily for earliness. However, size, color and quality have not been neglected and a choice, attractive, as well as early fruit is expected to result. Mr. Starr is at present experimenting on a seedless tomato.

How about that new alfalfa seeding you were planning to put in?

Some say dust potatoes, and some say spray, but either is better than

To pour feed into a dairy cow of unknown productive ability is tike sinking money into wildcat oil stocks.

Early plowing is best for wheat. The seedbed should be fairly deep, with a loose surface, but well firmed. Most farmers think late afternoon

is the best time to cut alfalfa. The hay is apt to look better for it, and more of the leaves will stay on.

The use of improved machinery makes the average agricultural worker able to care for three times as many acres of crops as he could handle 75 years ago.

A substantially made well curb and platform help to keep the drinking supply pure and uncontaminated. Use a 1-2-3 mixture-one part cement, two parts sand and three parts pebbles or crushed rock.

Short pastures now will be shorter next season if nothing's done to improve them. Manure is one of the best helps for run-down grase. or fifteen loads to the noticed next summer

### "SWAT THE FLY" TO PREVENT DISEASE

(Prepared by the United States Department of Agriculture.)

Flies are one of the worst enemies of man. They breed prolifically and prosper in filth. Their conformation admirably suited for carrying deathdealing organisms from questionable places which they frequent, to the dwelling places, food utensils, and food of man, says the bureau of dairying, United Sates Department of Agriculture. Flies are a nuisance and anyone who fights them is doing humanity a service.

The female fly is not fastidious about the place in which her offspring are to be born. A manure pile represents the height of her ambition in this respect, and when she has the opportunity she deposits her eggs there in masses. The manure pile reciprocates as an incubator for her young, and in a few days the maggots which hatch from her eggs have developed into full-fledged flies, all ready to start on a campaign of destruction and perhaps death.

The fly is covered with a hairy growth and its feet resemble hairy pads. It probably carries as much filth and as many bacteria on its body, for its size, as anything which lives. No wonder then, considering this point alone, that the fly is an enemy of milk. But this is not all, for the fly is a creature of filthy practices. It sucks its food without fear or favor and then regurgitates it at will. A smoothsurfaced milk utensil may be a handy place for this procedure.

The fly scatters its excreta promiscuously. Its specks may be found on any place it frequents. They look unsightly, but are even worse than they look, because they ofen contain organisms which are decidedly detrimental to health. Is it any wonder that we are besought and urged to "swat the fly"?

No one is more alive to the danger from flies than the milk inspector, His training and his ambition both call for the destruction of this enemy of clean, safe milk. But sometimes he forgets that not all of the producers are familiar with the characteristics and habits of the fly. He thus overlooks an opportunity. He should explain to his dairymen and also to the people who consume the milk why there should be adequate protection from flies. When a full explanation is made to the dairyman about the fly and its habits, he becomes interested in getting rid of manure piles, trash, and other breeding places, and in trapping and poisoning the flies which appear.

### Clean Milk Production

Brings Pock the Money That season of and when milk is too often returne shipper because it is unfit for ! .. sumption or has arrived in a sour condition. Flavors and odors in milk re sult from four causes and it would b well for the milk producer to not these causes and guard against ship ping milk which cannot be used, thereby saving a big loss to his business this summer.

These causes are as follows:

2. Flavors and odors absorbed with in the body of the cow from highly the high prices that prevail a week to flavored feeds such as turnips, onions,

3. Odors absorbed into the milk after production. 4. Bacterial development within the

milk while standing. Control of these four factors this summer will mean dollars and cents in the milk producer's pocket. These things are also very important for the cream producer to consider, as highquality butter cannot be made from low-quality cream, and if the buttermaker cannot make superior butter demanding a higher price, he cannot possibly give the producer any more for his product.-H. R. Lascelles, field man, Colorado State Dairy Commission.

### Dairy Hints

Crossing dairy breeds is like mixing good ink with good water; the value of each is lost.

Baby calves respond with great susceptibility to care especially during the first few days of their lives.

The most profitable method of handling dairy cows by the average farmer is to market cream and use the skim milk for bringing up calves and pigs.

It is usually a good rule not to feed milk to exceed one-eighth of the calf's weight, at birth, for the first six weeks.

The four generally recognized leading breeds-Ayrshire, Holstein, Guernsey and Jersey-comprise 80 of all registered dairy cal country.

ily and preferably four.

After taking the calf fron should be fed its mother's temperature, (approximat Fahrenheit) at least

# Nameless River

### By Vingie E. Roe Copyright by the McCall Company

CHAPTER XVI—Continued -15-

A little later Bossick knew all that rand and the sheriff knew concerning e hidden passage that opened into Blue Stone, and he was softly profane with amazement. Fair laughed.

Fi've set a guard around the sheriff's house," he said. "put six of his cowboys on double shift. I knew they would find out that he is still alive and might try to finish the job-so be would never talk-Sky Line, I mean. And now, Mr. Bossick, I think we'd better go talk to Jermyn and the rest. I'm only sorry Selwood isn't able to be with us."

"This is a pretty bunch to bring back to me. Caldwell," said Kate Cathrew, tapping her foot with a whip, "one man disabled and another pounded into jelly. Who's this d-n stranger who's so handy with his gun?"

"Name's Smith," said the foreman stlkily, "and I'd better tell you right now, that Selwood isn't dead. He's alive and they're waiting for him to come round so he can-talk."

Cuttle Kate's face flamed red. "Not dead? Bring Provine nere!"

But she would not wait as was her wont when summoning her men. She whirled and strode along the veranda to meet Provine who came in no good

"I've a notion to kill you on the spot!" she cried furiously, "you fool bungler! Of all the crazy, wild, impossible things! Why didn't you get that man? The one person in the world who knew of the Flange and Rainbow's Pot behind! You let him get away!" "Done my best," said the man evilly,

"and to h-l with those who don't like it." Quick as a flash the woman raised

her whip and struck him. With a roar he returned the blow, and Big Basford who had followed, leaped for him, clawing with his good hand, but Caldwell knocked Provine down instead.

"Take him away," said Kate Cathrew coldly, her hand at her cheek, "Lawrence Arnold will be here soon. I'll let him deal with this."

It was night again and the stars were hung like lanterns in the sky. The little wind was coming up the river, the little soft wind that Nance Allison loved.

Once more she sut in the doorway with Brand Fair beside her. There was no light on the table this time, so that she could not see his face with its quiet dark eyes, its thick hair above and the straight line of his lips with their gentle smile. But the feel of his arm against her own as he held the sleeping child, set up that nameless longing in her, the glowing glory of unknown joy which had become of late

She was filled with vague sorrows and premonitions, as if, having found the priceless possession of this man's companionship, she was about to

lose it. It was not death wholly that she feared, but a more subtle thing, an inhibition of the spirit, a gulf that seemed to lie all shadowy between them-a dark, mysterious gulf wherein the imperious face of Kate Cathrew

swirled amid the shadows. But presently Fair spoke and she shook off her depressing forebodings.

"Nance," he said softly, so low that his deep voice was scarce more than a whisper. "I have wanted to tell you more of my life and Sonny's for a long time, but somehow it seemed too bad to add another's burdens to those which you already bear, even though vicariously. However, the time seems nearly ripe for me to reap the reward, one way or another, of those years of tion. effort and hardship which I have spent running Kate Cathrew to earth. What this reward will be I don't know, of course. No one can foretell. The men of David's immortal thanksgiving: of Sky Line are a hard bunch, criminals and worse. They'll never be dug out of that nest of theirs without a fight and a hard one. Somebody's going to be killed, that's certain!"

He heard the girl catch her breath in a little gasp, and shifting Sonny, he put his arm around her.

"However it does come out, there's to tell you, a package I want to give you for safekeeping. Will you listen, Nance?'

The big girl nodded dumbly. Her was throbbing painfully, the breath labored in her lungs. A trembling set up along her muscles, and the stars seemed to dance on the black "Well?" she

velvet of the sky.

Gently Fair leaned down until his face was against her cheek, tightened

"I have been all over this land of ours," he said presently, "and in some "Sure, women—of many classes. I have been tell you,

ways in my secret heart there has been a place all swept and garnished -and empty, Nance.

"Since the day in Blue Stone canyon when I first beheld you rocking the child in your lap-this secret place has been gloriously full. Nance-Nance -I have been like a worshiper without, laying my forehead to the sill. All the things I have dreamed of I find in you-the strength, the sweetness, the courage. You are beautiful as few women in this world are beautiful-and you are too good for any man, But 'I-have dared to love you."

He ceased and turned his lips against her cheek.

For Nance Allison the stars were singing together at the dawn of creation, the glory of the spheres had appeared before her.

"Answer me, girl," said Brand Fair tremulously, "tell me what's in your

"I-I-" said Nance, "I-think it is the light from the open gates of Paradise-the smile of God Himself-because I am so happy!" "Sonny, old-timer," said Fair, "here's

where you take a back seat for once," and he rolled the child, still sleeping like the healthy little animal he was, over on the floor.

When the man arose to go some aeons later he gave Nance the package which he had taken from a pocket.

"Keep It, sweetheart," he said, "and open it if-anything happens to me. It contains information vital to Sonny's ife and future—the address of the New York lawyer who knows all my affairs and his, and also copies of the proof he holds which can send Cattle Kate and Arnold and all their lot behind the bars for life. Take it straight to Sheriff Selwood if you have to act

for me, and if he is alive and conscious. If not, Bossick will do in his stead. He's a good man. There's a picture in that package. Nance—the face of Sonny's mother. Buf I'm not figuring that you have any call to open it—not by a long shot. This is all

by way of wise precaution, you know. Now give me one more kisa." Brand Fair rode away and the girl he left upon the cabin's step was too far adrift on the seas of happiness to realize that he had not told her the one thing vital-who was Sonny's you get her, Nance?" father?

### CHAPTER XVII

The Face in the Package. At last Nance Allison knew the meaning of the great light that seemed to glow upon all the world of the

Deep Heart hills. Instinct awoke in her and she beheld the face of love.

Abasement selzed her.
What was she in her loneliness and

poverty, that such a man as Brand Fair might find her worthy?

What had she ever done of valor

that one might admire her?

She had merely been a drudge, work ing out her soul to carry on her father's dreams of empire, to hold fast the place which he had left to her and

She had only labored and stood firm. watching with anguished eyes the hose -she had made no effort to strike back at her enemies

And despite all this, Brand Fair loved her!

Loved her and had laid his line to hers in the first love-kiss of her life! Verily was she blessed beyond all reason and she lifted up her heart in praise.

It was a holy night she spent upon her knees in the soft darkness with her work-hardened hands clasped on the ancient coverlet and the long gold lashes trembling and wet upon her cheeks. It was an offertory, an adoration and a covenant. She felt the hours pass with benedic-

At the first gray light she lifted her face and with a smile at her lips' corners she murmured the ancient words

"The King shall joy in Thy strength, Oh, Lord; and in Thy salvation how greatly shall he rejoice! For Thou hast made him most blessed forever: Thou hast made him exceeding glad with Thy countenance. Thou hast given him the desire of his heart. Selah."

"Mammy," she said at breakfast, "I've got to tell you something-you and Bud."

There was a soft radiance about her long blue eyes, a helpless surrender to the smiles that would keep coming on

Her mother looked on her calmly. "Well?" she sald. But over Bed's young face there

passed a spasm of pain. "You needn't tell it," he said sharply, "we know-don't we, mammy? It's

"Sure, we know, Nance, honey," said Mrs. Allison gently, "an' we want to have been tell you, Bud an' I, how plumb happy

best sister, two people ever had on this here earth. Ain't we, Buddy?" The boy swallowed once, then looked going to take heart right now. I'll

at Nance and smiled.

It was not the least courageous thing he was ever to accomplish, that about it-and I'll stand steady in my smile, and his mother knew it, for he love and my faith.' adored the girl, and she had been his only playmate all his life.

er, "now get to work at something. But at his mother's subtle words It's th' best cure-all on earth." jealousy died and love stepped back triumphantly.

"We sure are, Sis," he said and kissed her on the cheek.

The child slept late that morning. Perhaps he had been more or less disturbed by Nance's wakefulness. She stepped to the bedroom door once and looked at him, but left him there.

"We might as well sit down," she said, "he's fast asleep yet and I can better listen for a sound in the stillfeed him when he does get up."

They talked gayly all through the meal, reviewing the wonder that had of those letters, the man from New come to Nance, and it seemed a new future was opening before them all.

"Brand seems like one of us already," said Mrs. Allison, "an' I think with joy what a help he'll be to you an' Bud-th' land is rich an' will keep surging like molten lava. us all in plenty with a man like him to manage an' to stand between us an' as exquisite as the fullest realization. Sky Line. An' he's like your pappy She had been so ever since the deparwas-kind an' still, a strength an' a ture at early dawn of Provine with a tope for us. If Bud is willin' we'll offer him share an' share."

"Sure," said the boy decidedly. When he had once capitulated Bud stood firm, wholeheartedly backing his

"I just don't seem able to grasp it all," said Nance happily, "It seems like our whole life has changed overnight. There is light where darkness was, hope again where I'd about given it up-and now we'll never have to give up Sonny."

"That's so!" cried Mrs. Allison, "an' I hadn't thought of that. Never seemed like we would any way-bless

"Me?" asked a fresh little voice from the doorway, and the child stood there, rumple-headed, in his small nightgown made from flour sacks. The faded red lettering still stood frankly out across his diminutive stomach.

"Yes-you," sald Nance, "come here to your own Nance." Sonny sidled in, holding up the hindering garment with one hand, the

other shut over some small article. As Nance lifted him to her lap he aid this on the table's edge. "See," he said, "the pretty lady. She

was in a bundle on your bed-where'd And Nance Allison looked down into the pictured face of-Cattle Kate Cath-

For a moment the laughter still drew her lips, the soft light of happiness still illumined her eves.

Then the light and the laughter were erased from her features as if an invisible hand had wiped them.

In their place came first a blankness, an incredulity-then, as realization and memory struck home to her brain, the anguish of death itself swept across her face.

"Nance!" cried her mother, "Nance!" She raised her eyes and looked at days." Mrs. Allison and the latter felt a chill

"Take-Scany, Bud." she said slow

ly, "and get his clothes." Bud, tactful and quiet, did as she asked, and when she was alone with her mother the girl held out the picture.

"Brand told me-last night," she said haltingly, "that a package he gave | concession to the fierce emotion which | me-to open in case anything happened-to him-held the face of-ofof Sonny's mother. This is Cattle fire and his rider in convoy she was

Kate Cathrew." "My good Lord A'mighty!" ejaculated Mrs. Allison.

Nance nodded. "Then-who's his-father?"

"Who d'you suppose, Mammy?" asked the girl miserably, "I'm afriad it's Brand-the man who says he loves me!"

The gaunt old mother came round the table and put an unaccustomed arm about her daughter's shoulders. Caresses were rare with her.

"No," she said decidedly, "Brand Fair ain't a deceiver. I'd stake a lot on that. I feel to trust him, honey. Whatever is wrong in this terrible tangle, it ain't Brand-an' you can take your old mammy's word on that." The girl straightened her shoulders.

lifted her head. "I do trust him, Mammy," she said gallantly, "whatever has happened in the past I know it has not made him a liar-and I feel to be ashamed of my-

self." "Needn't." said Mrs. Allison succinctly, "it's natural—th' age-old instinct jealousy. Come down from our naked ancestors when th' man was th' feed-getter an' th' woman fought with tooth an' nail if another female hove in sight. You'd like to go right out now an' scratch that woman's eyes out,

wouldn't you?" A sickly smile trembled on Nance's

"I guess I would," she said unsteadily, "because—you see—if—if she's his wife-why-he can't take another."

"There's divorce laws in this country, ain't there? How do you know she's his wife now?" "Mammy," said Nance gratefully.

sired, and a detachable back reflector,

so that the lamp bulb may be removed

and replaced in the reflector without

fingering or soiling the highly polished

### ness come to the best daughter, the | "you"re the most won ever knew! You've got than a houseful of laws this picture away in the pe walt till Brand is ready to tell me "That's my big girl!" said the moth-

Cattle Kate Cathrew sat on the

broad veranda at Sky Line. She was

clad like a sybarite, in shining satin.

Rings sparkled on her fingers, lights

sparkled in her hard eyes, a close-held

excitement was visible in her whole ap-

pearance. She looked down across the

vast green-clad slopes of Mystery and

For she was waiting for the writer

York who came at regular intervals to

bask in the peace of Sky Line-for

seen him, and the passion in her was

She was in a trance of expectation,

Lawrence Arnold himself.

ever crossed, except herself.

rest against the back.

have disturbed her.

will lie in his arms."

cause she loves him."

"I know what I know," said Minnie.

'the Blue Eyes has a clean heart. One

sin, maybe, yes-or two, maybe-but

he sits sometimes with his head in his

hands, and he mourns-like our people

for death. He says it is for death-

death of a man's honor killed by mis-

take. I know, for I've sat with him

then-and he has put his face in my

There was a high beauty about the

simple words and the ancient dame

looked at the girl with understanding.

For a moment the cynicism was absent.

"You speak truth," she said softly,

"the man is a stranger to these others.

Also he is of a white heart. He should

have been a Pomo chief in the old

Noon came and passed and Kate

She watched the sun drop over

toward the west, the pine shadows

came out of the pines below with Blue-

seated again in the broad-armed

Lawrence Arnold dismounted stiffly

and handed the rein to Provine, then

Over his white-skinned, aquiline fea-

tures there passed a smile of the

He knew the volcano covered in and

cool exterior-this woman who was his

turned the understanding to the nth

degree-they were full of passion, of

"Man," she said under her breath, as

their hands met, "Oh, man! It's been

That was all for the prying eyes

They entered the house and Minnle

Pine served the meal which had been

waiting and which was the best Sky

Line could produce, and afterward

Lawrence Arnold reclined on a blan-

ket-covered couch in the living room

There was a step at the door, and a

"Want to report," he said, "that I've

just come up the Pipe and I found

tracks-brushed out-at the mouth in

Blue Stone-there were two men on

foot. No hoof marks. They looked in

Kate Cathrew rose straight up to her

(TO BE CONTINUED.)

and smoked in smiling peace.

dusty rider stood there.

behind the willows."

"H-l's fire!" she said.

Nature admits no lia.

raised his eyes and looked at her.

rocker, to all intents as calm as moon-

Cathrew did not eat.

turn on the slopes.

light on snow.

woman.

so long!"

coolest understanding.

that compassed them.

others do."

no sins."

neck."

held her breath that she might the

SPRAYS FOR PESTS SHOULD BE TRIED

Using sprays and dusting materials In controlling parasites on fruit trees must be done with almost as great a care as administering medicine to live stock. The orchardist must know how to diagnose and deal out the proper dosage to a tree suffering from an attack of chewing insects as he would for a horse suffering with colic. New and untried methods and "medicines" for trees are dangerous and should not be used in orchards until they have been well tried out experimentally.

So many spraying and dusting materials are coming on to the market now-It had been months since she had adays that pomologists warn farmers against discarding standard treatments for materials that have not been thoroughly tested.

W. A. Ruth of the Illinois station says there are now more dusting and spraying materials being put on the led horse-none other than Bluefire market than ever before. So many whose proud back no one but this man hidden but important factors enter into the relation of any spray to the in-For three hours she had sat in the sect, fungus, and host plant that no rustic rocker like a graven image, her claim, however plausible, should influhands spread on the broad arms, her ence the orchardist to undergo the immaculate black head seemingly at hazards which the use of an untried dust or spray would entail. And not a soul at Sky Line would

He cites many experiences orchard owners have had with spray mate-From a distant corral where he tinrials, including lime-sulphur and sulkered at some trivial task Big Basford phur dust, which show the need for watched her with wild red eyes. At being cautious in using new ones. these times the man was a savage who Orchard owners learned costly lessons would have killed Arnold joyfully had when they first began to use lime-sulthe thing been possible. Minnie Pine, phur. Although in 1908 it was shown busy at the kitchen window, watched to have fungicidal value, its limitations and its particular fields of use-"The Black Devil is in hell, Josefa," fulness were discovered slowly. Haste she said guardedly, "he knows the on the part of some growers resulted master's coming-and that the boss in disaster for many. This sulphur spray was used by inexperienced grow-"He pays for his sins," said Josefa ers at the wrong time. Some drenched calmly, "which is more than the their trees with it early in the season and others used the lime-sulphur spray "Rod," returned the half-breed, "has in hot weather in July, and both of these practices are now known to be "He-ugh! He-ugh!" laughed the old unwise, according to Ruth. woman, "so says the young fool be-

"That lime-sulphur could not be used for later applications, that it was entirely unsuited for summer use on a large number of plants, including the peach, and that bordeaux mixture is preferable at all times on certain varieties of apples were facts which neither the commercial grower nor experiment station worker could predict." he said.

### Most Berry Types Like

Deep, Sandy-Loam Soil Most berry types like best a cool equable temperature, fertile welldrained soil, sufficient moisture and a site free from frosts during blooming season. Strawberries will thrive under a greater variety of soil and climatic conditions than will other berries. They bloom early and, in some localities, particularly in high altitudes, the earliest blossoms are often killed by frosts. There is less danger from frost injury on a hillside than And then, far down, she caught the on a flat table land or in a valley sound of hoofs and rose straight up without an outlet for cold air. A from her chair, one hand on her thundering heart. The action was her only sandy loam or clay-loam soil is preferable. It need not be deep, but should retain moisture during the bloswas eating her. When Sud Provine soming and fruiting season.

Red raspberries are most susceptible to changes of climate and soil. They, too, prefer a sandy loam soil, deep and easily worked and capable of maintaining moisture to a depth of at least five feet during the growing and fruiting season.

Black raspterries (blackcaps) can withstand more heat than the reds and will endure a heavier soil. Loganberries and blackberries are not as partial to soils as raspberries, but deshut from sight under this woman's velop best cane growth and fruit in a fertile clay loam, retentive of mois-Cattle Kate rose languidly and came | ture and under the cool summer temto meet him and her brilliant eyes reperatures bordering the coast. Both types of berries must have abundant water to produce best crops.

### Paradichlorobenzene Is

Useful for Peach Borer That paradichlorobenzene (paracide) can be used against the peach-

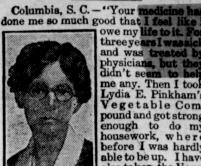
tree borer on trees of all ages has teen proved in experiments if the trees are healthy and well cared for, and if extreme care is taken in measuring and applying the poison, according to the entomologists and horticulturists of Clemson college. Some little injury, they say, may sometimes be evident, but it is usually much less than would occur from the borer or from the worming process,

Trees under five years of age need watching if weather conditions are not normal. Low temperature and high moisture content in the soil may extend the time necessary for treatment. Trees to be given the paracide treatment should not be mounded in July but the soil should be left smooth around the tree and in good condition for treatment in October.

### Harmful to Apple Trees

The paradichlorobenzene will cause the fallure of apple trees. This is not a recommended treatment for apple trees. Strangely enough, while the apple tree is hardier than the peach in many respects, it is not so resistant to the action of paradichlorobenzene, and the treatment should never be used on apples. Even on peaches it should not be used on trees less than six years allowed of age. Neither shoulto remain about \*\* than ! four or five

Finally Found Health by Taking Lydia E. Pinkham's Vegetable Compound



owe my life to it. For three years I was ick and was treated by physicians, but they didn't seem to help me any. Then I took Lydia E. Pinkham's Vegetable Compound and got strong pound and got strong enough to do my housework, where

housework, where before I was hardly able to be up. I have also taken the Vegetable Compound during the Change of Life and it has left me in good health. I recommend it as the best medicine for women in the Change of Life and you can use these facts as a testimonial."—Mrs. S. A. HOLLEY, R. F. D. No. 4, Columbia, South Carolina.

Why suffer for years with backache nervousness, painful times and other ail ments common to women from early life to middle age, when Lydia E. Pink-ham's Vegetable Compound will bring relief? Take it when annoying symp-toms first appear and avoid years of suffering.

In a recent country-wide canvass of purchasers of Lydia E. Pinkham's Vegetable Compound over 200,000 replies were received, and 98 out of every 100 reported they were benefited by its use.



Salvationists' Good Work After a separation of 30 years, and attempts through all his days of manhood to find her, an English soldier, now in Egypt, has been brought in touch with his mother, now in Canada. The Salvation army in Canada accomplished in a few weeks a task that has baffled the soldier for the greater part of the 30 years.

Be careful not to rely on luck, but you can allow for it.

### CALIFORNIA FIG SYRUP IS CHILD'S BEST LAXATIVE



MOTHER! When baby is constipated, has wind-colic, feverish breath, coated-tongue, or diarrhea, a half teaspoonful of genuine "Califo Fig Syrup" promptly moves the sons, gases, bile, souring food and waste right out. Never cramps or overacts. Babies love its delicious taste.

Ask your druggist for genuine "Callfornia Fig Syrup" which has full directions for infants in arms, and children of all ages, plainly printed on bottle. Always say "California" or you may get an imitation fig syrup.



SOLD 50 YEARS A FINE GENERAL TONIC

RUB YOUR EYES?
Use Dr. Thompson's Byewater.
Buy at your druggist's or
1165 River, Troy, N. Y. Booklet.



# Combines Mirror and Electric Searchlight

on of an a diminishing s the double pi searchlight at n mirror for rendering approaching from the

equipped with all the ets and wiring attachthe lamp may be in- tione

en on the istalled on a car in a few minutes' ime. The switch is in the handle of the lamp, so that the driver can turn surface. terfering with the other lights. The by wiring it direct to the batodles many conven-

which may be men-

Good Reason for Pardon Dr. William E. Barton's "Life of Abraham Lincoln" relates that the governor of a certain state was visiting the state prison and stopped to talk

automatically locks at any angle de | it was one of wrong suffered by an innocent person. The real criminal had always escaped, and the imprisoned man was the unfortunate victim of appearances or of conspiracy or perjury. There was one man, however, who admitted the crime and the justice of his. sentence. "I must pardon you," said the governor. "I can't have you in here corrupting all these good men."

The Applan way, most famous of with a number of prisoners. They told Roman highways, was begun in 312 djustable bracket which him their store, and in every instance B. C.

H. O. Smith, superintendent The Muleshoe Journal Epworth League of the schools of this city was here Saturday looking after business matters.



# Modern Shoe Shop

G. E. ODELL; Prop.

Next Door to Gupton Grecery Store

Shoe Repairing,

Light Harness Work

Auto Curtains Repaired

Send Your

### Abstract Work

-To The-

### Muleshoe Abstract Company

A. P. STONE, Prop. Muleshoe.

Agent for Warren Addition

## Johnson Barber SHOP

W. D. JOHNSON, Prop.

### LAUNDRY AGENCY

The Basket Leaves Monday and Returns on Wednesday

Sanitary Shower Baths Strictly Union

### The City Dray Line GOOD HARDEN, Owner

We do all kinds of hauling

No job to large or small for us

Get Me at PANHANDLE LUMBER CO

### E. M. NIXON

General Farm AUCTIONEER

15 Years Experience

Earth,

Texas

R. B. BOYLE, Editor \$1.50 per year

Take a sanitary shower bath t Johnson Barber Shop.

Peaches for sale, about 200 bushels to be ready this week. Price \$2.00 to \$300 per bushel. C. H. Buzard, five miles North of Muleshoe.

### Baileyboro Buzzings

T. W. Coffman and wife entertained the Senior Sunday School Class, Sunday August 2nd, with a big dinner, at their home. Twenty-two were present while each and every one report an enjoyable day.

A large number of the neighbors met at the home of Holbert Shirley, Monday morning equiped with plows, hoes, and proceeded to work out his entire crop. Mr. Shirley has been away from his home and crops for about three weeks on account of the sickness and death of his brother, Archie Shirley, of Anson, Texas.

Tuesday morning about the same number of men gathered at the farm of Rollln Artley and put everything there up in fine shape with more plows and hoes. Mr. Artley being in Crosby county with his wife who has recently been operated on in the Lubbock sanitarium. He will not return home for several weeks yet.

G. L. Blackshear and daughter, Blanche, left Tuesday for Floydada, to be present at a family reunion held at the home of Mr. and Mrs. Buck Rogers, August 5th and 6th.

Trixie Henderson is visiting with relatives in Ralls this week. Wiley McCarty and daughter, Maggie, of Spur, visited C. C. Ragsdale, and wife this week.

Charlie Durham, with his mother, Mrs. Fannie Durham and Lois Young, left Thursday for Lakeview.

The Baptist Revival meeting which has been in progress for the past week here under the supervision of Rev. Burman, of Spur, closed with the eleven o'clock service Sunday morning with no convertions.

The school opened here Monday morning with J. W. Slone, of Causey, principal; Miss Edith Jackson, of Wolde, intermediate: and Miss Stella Nickels, primary, of this community, who form the corp of teachers for the present term.

The B Z B's.

### C. L. McClellan, M. D. SPECIALIST

Eye, Ear, Nose and Throat In Muleshoe Aug. 21

312 1-2 Main Street

L. S. Barron, Mgr.

- - - N. M. Clovis,

Subjebt-Rules for the Game

of Life.

Leader-Jene Kistler. The Game of Life-By Leader. Why Rules?-Dovie Morris. Professor Hutchins's Code-

Ielen Carles. Rules In The Scripture Lessons

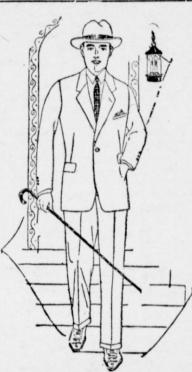
- 1. Kuth Harden.
- 2. Opal Morris.
- 3. Beth Mardis.

General Discussion. The Rule of Courage-Harold West. Another Unwritten Rule of the

Game-Beryle McCarty. Hugh Fullerton's Code of A Good Sport-John Bickel.

E. C. Duncan and family, of Cisco, were here last week visiting Mrs. Duncan's parents, D. C. Dodson and wife. They also visited other relatives while

Long's Dairy, Phone 45-2R.



LOTHES tailoredto-measure by

### S.H. Churchill & Co.

have always had a reputation for generous value.

The superior grade of material and workmanship put in these garments assures style and wearing qualities that we do not hesitate to guarantee.

A splendid assortment of woolens made to your individual measure at \$30, \$35 and \$40 - other finer fabrics at higher prices.

At any price you choose to pay you are sure of getting generous value.

**MULESHOE TAILOR** SHOP

### Bailey County Abstract Company Established in 1900

Muleshoe, Texas

Abstract, Loan, all kinds of Insurance and Conveyancing. All matters pertaining to land titles given prompt attention

[Member Texas Abstracters Association; also Member Association of Title Men

### Program For Aug. 16 R. B. CANFIELD

REAL ESTATE

AND

LOANS

## A. R. Matthews I. D.

Physician and

Surgeon

Muleshoe,

Texas

# J. E. HANLEY

Chiropratic Masseur

All forms of Chronic Diseases

Office at HOTEL JAMES

for Economical Transportation



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Furniture and Undertaking Company

Prompt Service Day or Night Courteous Treatment and Reasonable Prices

> Motor Equipment also **Exclusive Ambulance**

# Embalmers

Licensed in Texas and New Mexico

Clovis

and

Portales, N. M.

# American Cafe

W. B. CRAWFORD Proprietor

Regular Dinners -AND-

Cold Drinks + Orders



THERE WAS A YOUN LADY FROM MILES







