

PREVENT INJURY TO ORCHARDS BY CARE

Shallow cultivations until the middle of September or until the winter cover crop is planted and a small application of fertilizer to each tree will keep the peach orchard in good vigor during the late summer and fall and will prevent a great part of the winter injury.

"This is especially true this year," says C. F. Williams, associate horticulturist at State College, "as the dry season during the ripening period has put a severe strain on the trees and has taken away much of the natural vitality. The orchard should be cultivated often enough to keep down the weeds and grass with a fertilizer application immediately after harvest."

The fertilizer should consist of some readily available nitrogen and enough should be applied to each tree to equal one pound of nitrate of soda.

Mr. Williams gives four reasons for this fertilizer application. First, he says, it will aid in the development of strong fruit buds for next year. Second, it will build up the food storage in the tree; third, it will delay dormancy which will give the tree a longer season to elaborate stored food; and; fourth, the trees will go into the winter in a good strong condition.

Fertilizer experiments conducted in the past six years show that no winter injury has occurred in those orchards with a late or heavy fertilizer application. The only injury recorded was in those orchards having extremely low amounts of fertilizer.

The dry season has depleted much of the trees' vitality and Mr. Williams recommends a liberal use of fertilizer this year with corresponding cultivations in all peach orchards. Only by these practices can the orchardist be sure of any degree of control, he says.

REV. JAMES J. GRAY

(Contributed)

The funeral services of Rev. James J. Gray at Pleasant Grove Baptist church recently were very impressive. The great number present attested the esteem in which Mr. Gray was held throughout a wide community.

He had been the faithful pastor of forty-two different churches during his long ministry. And by his noble qualities of mind and heart he had won the love of his people always.

Mr. Gray had great skill in applying Bible truth to the things of daily life. His power of homely and apt illustration made him an effective preacher.

This skill had two sources—he knew the Bible and he knew the people. And his rare common sense taught by the grace of God enabled him to divide the world and make due application thereof.

Many a man in Western North Carolina could testify today of the wise advice Brother Gray has given in matters of family, church and community life. And many younger ministers there are who count him their spiritual father and remember

ARE YOU DRIFTING OR PULLING OARS?

That is a question which every business man of America might well ask himself.

One of the big corporations of the country is supplying a timely example that might well be followed by others, large and small. This is the Shell Oil Company of California which has just announced a \$500,000 advertising campaign.

"In some quarters," says the company in making its announcement, "we were told to be content and a depression is no time to undertake the huge expenditure for equipment, operating and advertising which are essential successfully to launch new products. We were told to be content, to plod along with the products we had, and to hope that at some time the depression would end. We believe the continuance of the depression is due more to the mental attitude than to any other one thing, and we most emphatically and definitely refuse to allow ourselves to be influenced by such talk."

"We believe that the only way to regain prosperity, whether it be in the case of the individual or the corporation, is to deserve it, and that means confidence, vigorous work and cooperation. We are launching our program because we believe that its success will help not only ourselves but industry generally on the coast. If our lead be followed in the same spirit, we think we need have no further anxiety about the termination of the depression."

Those are simple words but there is a lot of self-energizing leadership in them and a spirit of courage and optimism that ought to become contagious.

His words of counsel and encouragement in their time of need. One after another told that day at his funeral how he had spoken the word in reason that gave courage to go on under difficulties. Eternity only can reckon up the good that he did.

"Blessed are the dead which die in the Lord from henceforth; yea, saith the Spirit, that they may rest from their cares, and their works do follow them."

The sympathy of the great circle of God's people who loved him now goes without measure to his widow and his children all, and to his grandchildren. What a goodly heritage is theirs!

TIMELY FARM QUESTIONS ANSWERED AT STATE COL.

Question—How can I keep my potatoes from turning dark in storage?

Answer—Keep the storage room dark as any exposure to light will cause greening. The best storage is an earth cellar with ample provision for ventilation. Summer storage, however, will be satisfactory if the room or building is kept dark. Any cool, well ventilated building will answer the purpose.

Question—How can I remove the Bordeaux spray mixture from my grapes after picking?

Answer—A solution made of one part of hydrochloric acid to 500 parts of water is most effective. Dip the grapes in this solution for about one minute and then wash immediately in fresh water. Good strong vinegar with from three to five percent acetic acid may also be used but this is much more expensive than the acid bath as the vinegar must be used full strength. The acid treatment is both safe and effective if used according to directions and is recommended.

Question—I have ample range and an abundance of green feed for 200 pullets that will begin to lay about the middle of October. Would it be safe to stop feeding mash and develop my birds on scratch feed alone?

Answer—You would be making a great mistake. We have a large number of birds coming into the laboratory with a history of feeding conditions similar to those outlined. Invariably these birds show the result of such feeding and slowly develop constitutional weaknesses due to a lack of animal protein. Such pullets go into the laying house under a handicap and do not show good production. Continue the mash feeding and develop the birds properly for profitable egg production.

GLADE CREEK NEWS

The health of the community seems to be pretty good at this writing.

Mr. and Mrs. Lorry Simpson of Greenville, S. C., were the guests of Mrs. Simpson's mother, Mrs. D. W. Hollingsworth last week-end.

Mr. and Mrs. W. C. Holden and children, Clara, Coy, and Helen, of near Brevard were visiting Mr. Holden's sister, Mrs. O. D. Reece Sunday.

Mr. and Mrs. John Deaver and daughter, Margaret, and Miss Julia Deaver made a business trip to Asheville Tuesday.

Mr. and Mrs. W. G. Reece and children, Arthur, J. P., V. L., Pansy, Mack, and David, of near the Country Club were visiting Mr. Reece's parents, Mr. and Mrs. J. A. Reece, Sunday.

R. L. Capps had the misfortune of losing a fine cow Wednesday.

Mrs. Joe Curto visited her parents, Mr. and Mrs. Henry Section Sunday.

C. Rhodes made a business trip to Hendersonville Wednesday.

Miss Carman Curto visited her friend, Miss Willie Mae Rhodes Sunday afternoon.

Mrs. D. W. Hollingsworth and children, Ella and Kiah, and grand-son, Herman, and Mr. and Mrs. Larry Simpson of Greenville, S. C., attended preaching services at Boylston Sunday.

Andy Wise of Wilmington, W. Va., is visiting his nephew, Jake Parris.

A. P. Stamey was visiting friends in this section Wednesday.

Mrs. J. C. Arenburg and daughter, Mary Jane, of Green Cove Springs, Florida, are the guests of Mr. and Mrs. R. L. Capps.

Mrs. D. W. Hollingsworth was a business caller on Mrs. Jake Parris, Friday.

WORD OF WARNING TO THE FARMERS

To Farmers Who Borrowed From The United States Government:

When the President signed the bill early in the winter of 1931 creating a fund to be loaned to farmers who had suffered from the severe drought of the previous summer, that was an act of the Federal Government solely for the relief of distressed farmers. Conditions did not improve very much last season and the Government again came to the rescue with money at a smaller rate of interest than farmers have ever known before.

Henderson county farmers have borrowed a great many thousands of dollars from that fund. The number borrowing this season is about double that of last year. Report from several farmers already indicate that the money has been of much assistance and that the purchase of fertilizer and seed would have been out of the question had it not been for this fund.

This fund may or may not be available next year. If it should be available this county should be included again. The President and Congress are seeking ways of assistance to Agriculture through good business and sound financing.

Now, sound financing means that loans made to farmers must be repaid in full and as promptly as possible with the minimum of expense for collection. Counties have been grouped together and a Government Field Agent assigned to each group. It is necessary for the Field Agent to stay in his territory until the collections are made. By making prompt payments of these loans the expense of collecting is greatly reduced.

By paying our loans promptly we also create a favorable impression for the county, and it will be much less difficult to place ourselves on the list to receive loans in the future. The plan for borrowing from this fund has provided that the loan be repaid as the crops are marketed. Payments should be made when the money is in hand, no matter how small the payments may be.

The Field Agent will be in the office of the County Agent each Saturday to receive payments. Please let me urge that payments be made just as early and as promptly as convenient to do so.

Sincerely yours, O. B. JONES, County Agent, Hendersonville, N. C.

LEGAL TRANSFERS

C. W. Picklesimer and wife to W. C. Allison.

L. E. Johnson, tr. et al to the Federal Corporation.

W. A. Baynard and wife to T. W. Picketts.

W. E. Breese, tr. to J. M. Allison. J. Colie Owen and wife to Homer Owen.

A. Ficker and wife to Judson Corn.

Federal Corporation to South Atlantic Realty Corp.

FASHION ARTICLE

NOTES ON THE BOREA COLLECTION

Vera Borea is a designer who may be depended upon to introduce something novel and interesting, and her collection was anticipated eagerly by the American buyers now gathered in Paris for the annual August openings. With a distinct flair for the original, yet always combining it with practicality, her simple smart fashions are outstanding. Probably no designer since Schiaparelli appeared on the fashion horizon has created the comment and achieved the instant success that Vera Borea has. One of the novelties introduced in her recent opening is a new crinkly, stretchable material called Borelaxtex. This material is a product of the United States Rubber Company, as its name implies. Crinkly materials are in high favor now, and this new invention will overcome the difficulty encountered by dressmakers in cutting the crinkle surfaced range of fabrics, and eliminate much of the fitting hitherto necessary. Borelaxtex comes in both wool and silk, and Mme. Borea has combined the two in some of her suit models. She shows many suits in her collection, and advocates straight skirts, sometimes with box pleats. The jackets are short and fitted, and many knitted blouses are shown. Some of the amusing accessories she shows are belts of corded leather with modernistic metal clasps, wooden buttons, big metal pins like horse blanket pins, and neckpieces made of fur tails fastened together with leather rings. The colors stressed in this collection are a dark bluish green called Scarabee, a dark rosy white called Potter's Clay, a greenish white called Asbestos, and a greenish amber shade called Golden Amber.

A Return to Favor

There is a revival of interest in both satin and velvet in the new collections, and while neither of these materials have been exactly relegated to the shelf during the last year or two, they haven't enjoyed very great popularity. Now however, with a variety of new velvets offered by the great French silk mills, and an awakening interest in glossy satin to offer a contrast to the range of dull crepes so prevalent last season, it is inevitable that the American dress manufacturers will follow Paris' lead and endorse both these fabrics. Wide wale flat ribbed velvet is one new version which has been favorably received, and striped velvet is shown in several houses. At every important opening so far satin has been shown in clear jewel colors, white and off-white, for evening.

A truck load of lambs shipped to Atlanta last week by farmers in Macon County sold for an average of 4½ cents a pound.

BUS SCHEDULES

Leave HENDERSONVILLE for ASHEVILLE	
8:00 A. M.	12:15 P. M.
9:15 A. M.	2:00 P. M.
11:00 A. M.	3:15 P. M.
	4:10 P. M.
	5:00 P. M.
	7:45 P. M.
	9:30 P. M.

BREVARD	
10:15 A. M.	3:45 P. M.
	8:00 P. M.

GREENVILLE	
7:45 A. M.	2:15 P. M.
11:45 A. M.	4:45 P. M.
	6:30 P. M.
	8:00 P. M.

AUGUSTA	
7:45 A. M.	2:15 P. M.
	6:30 P. M.

JACKSONVILLE	
7:45 A. M.	6:30 P. M.

SPARTANBURG	
7:45 A. M.	2:15 P. M.
10:45 A. M.	6:30 P. M.

COLUMBIA	
7:45 A. M.	2:15 P. M.
	4:45 P. M.

CHARLOTTE	
8:00 A. M.	12:15 P. M.
	5:00 P. M.

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TIME NOW TO PLAN BREEDING PROGRAM

For a hen to be a high producer and therefore be profitable to the poultry farmer she must mature early, lay well during the winter months and continue this production during the hot summer months.

"The factor causing the birds to lay for long periods is referred to as the quality of persistency and is inherited or passed on from the dam and sire," says C. J. Maupin, extension poultryman at State College. "Therefore, if breeding hens are selected in the late summer or early fall and winter this quality can be noted and only the late molters selected."

Those birds molting in June, July, or before August 15th are lacking in this quality and should never be used in the breeding pens. The best hens continue to lay through September and October and some even continue to lay much later and from this group should be chosen the next year's breeders.

Mr. Maupin states that good males are also necessary for continual high production in the flock and that at least one or two pedigreed males should be secured for a special mating pen of the best hens. These birds should have a pedigree record with female ancestors laying 200 eggs or more. He urges, however, that only those birds of known pedigree be bought and that these be secured from a reliable breeder.

Records of four of the best flocks in the State last year show an average production of 190 eggs a hen with average returns above feed costs of \$2.70 a hen. On the other hand four of the flocks having the lowest return produced an average of only 121.3 eggs a hen for a net return above feed costs of only \$3.85 a bird.

"Producers do not have much control over egg prices but they do control the breeding and feeding practices and in this way can improve production and secure greater profits," says Mr. Maupin.

CROP RELATIONS IS GOOD FOR THE SOIL

A well planned rotation system will include those crops best adapted to soil and climatic conditions together with at least one legume crop to be turned under each year.

"This legume will not only add nitrogen to the soil but will also furnish much of the necessary organic matter," says C. B. Williams, head of the department of agronomy at State College. "The crops selected should fit in with the farm organization and should also give a fairly uniform distribution of labor throughout the year."

Mr. Williams states that such crops as rye, used in the rotations, will add to the organic matter but will not add nitrogen or other plant nutrients to the soil as will soybeans, cowpeas, crimson clover, lespedeza, red clover or other legumes.

Three-year rotation experiments conducted for the past nine years on Norfolk sandy loam soil in the Coastal Plain section and on the Cecil clay loam soil in the Piedmont section show heavy increase in crop production where a legume was plowed under each year and where the regular fertilizer applications were made.

Corn was used as the principal crop in both sections with cowpeas as the legume. The percentage of increase for corn was 128 in the coastal plain area and 156 in the piedmont area. Cotton followed by crimson clover as the legume was grown as the main crop in the second year on the coastal soil and showed an increase in production of 22.8 percent. On the piedmont soil, wheat followed by red clover was grown as the second rotation. This crop showed an increase of 71.4 percent.

If soils are to be kept in the best condition for profitable crop production a rotation system must be planned which puts back into the soil all the plant food removed by the growing crop," says Mr. Williams.

WANT ADS ARE BUSINESS BUILDERS.

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