

ESSENTIALS OF DIVERSIFIED FARMING.



The Usual Scarcity of Harvest Hands This Year Has Called Out the Women of the Farm Household to Help in the Fields.

In diversified farming it is essential that we give due attention to each branch of farming that is being followed, and seek to harmonize them all. We must select only those branches which we find adapted to our farms and which will fit nicely into our general scheme of farm management and eliminate every possible waste.

We can see farmers on all sides of us who are trying to do too many things. It is a very energetic and ambitious man who can with a limited amount of capital make a success in more than one line of farming to which he has given his study and best services.

We must make a constant study to see that every particular crop may and does have its own proper time and attention, and is not neglected to care for some other crop that needs attention at the same time.

Dairying and stock growing form an excellent combination, and one that will improve the fertility of the farm. Dairy farming and the growing of potatoes or market crops make another good combination.

FORAGE CROPS FOR THE PIGS

Question of Feeding is Most Important in Economical Production of Pork.

For economical production of pork with forage crops, the question of feeding is one of the most, if not the most, important consideration.

Exercise is of prime importance in several ways. It keeps the pigs nimble and in a healthy condition.

Vegetables delight in having warm, deep, rich and mellow soil and will pay generously for the privilege.

Three rules for success in gardening are: Freedom from weeds, thinning out, and keeping the ground mellow.

Some day we are going to find that as good a way as any to use the surplus sour milk is to give it to the hens.

The growing pig requires protein and not much corn. It is all right to give a little corn, but too much is harmful.

Much can be done to prolong the life of trees. Fill up the decayed places with cement after scraping out all the decay.

In purchasing a boar it is well to bear in mind that one with heavy bones is more to be desired than one of slight build.

Are there any old apple trees in your orchard bearing undesirable fruit? It is easy to graft good varieties upon them.

The ground should never be allowed to become baked, as in this condition a great deal of moisture is lost unnecessarily.

MOUNTAIN AGRICULTURE

Conducted by Prof. Frank S. Montgomery, Instructor in Animal Husbandry, and Special Investigator.

PRIZE WINNERS AND EXHIBITORS AT CORN SHOW.

In the following list of exhibitors at the corn show the winner of the prize will be the first name in the group or class, and where second prizes were awarded they will be so designated. In the different districts of the corn club members, the yield of the best acre will follow the name of the boy who raised the corn who receives scholarship to Berea College this winter.

Boys' Corn Club Exhibits. District No. 1. Howard Elkin, 97 bu., 48 lbs., 1st prize; Oscar Moore, Lona Fish, Carlos Fowler, Harold Terrell, Gillis Wilson, Hugh Lewis, J. M. Boen.

District No. 2. William Kelley, 1st prize, Egbert Johnson, 55 bu., 18 lbs.; Oscar Kimbrell (Prize for best work and most improvement on acre), Reuben Hollandsworth.

District No. 3. Bryan Arnett, 80 bu., 42 lbs., 1st prize; Otis Arnett, Harrison Lunsford, Edward Davis, Willie Goodrich.

District No. 4. George Pigg, 62 bu., 67 lbs., 1st prize; Marcus Am' brose, Henry Estes, Chester Barreth, Carroll Johnson, George Kirby, Leonard Robinson.

District No. 5. Edwin Wylie, 1st prize; Howard G. Payne, 59 bu., 25 lbs.; Robert Elliott, James Engle, Bert Mullens.

Corn Grown by Men. W. B. Flanery, 1st prize; W. C. Lewis, 2nd prize; Jas. Hudson, T. B. Dunn, Walter Whyland, Richard Kimbrell, B. S. Terrell, Frank Abney, Jesse Powell, Mrs. Wm. Davis, J. M. Baker, Balis Wilson, Mose Estes, B. B. Boen, Perry James.

Wheat. George Moore, 1st prize; Perry James, 2nd prize.

Popcorn. Jesse Griffith, 1st prize; T. J. Coyle, 2nd prize; W. J. Chestnut.

Irish Potatoes. T. J. Coyle, 1st prize; Ray Johnson, 2nd prize; Alva Baker (raised 20 bu. on 1/4 acre as potato club member), Robert Champ.

Sweet Potatoes. T. J. Coyle, 1st prize; Mrs. Sherd Baker, 2nd prize; Mrs. Lena Johnson, Mrs. A. T. Abney, C. W. Johnston, Perry James.

Beets. R. A. Swinford.

Onions. Mrs. J. M. Baker, 1st prize; J. J. Moore, 2nd prize; Mrs. Sherd Baker, Alf. Johnson, Mark Flanery, Mrs. James Fowler.

Apples. George Moore, 1st prize; J. J. Moore, 2nd prize; Pleas Evans, Mrs. Sherd Baker.

Canned Fruit.

Mrs. J. W. Raine, 1st prize; Mrs. W. A. Johnson, 2nd prize; Mrs. Harrison, Mrs. C. W. Johnston, Mrs. Frank Abney.

Canned Vegetables.

Mrs. C. W. Johnston, 1st prize; Mrs. Harrison, 2nd prize; Hallie Davis won prize for best yield of tomatoes on club one-tenth acre, her yield being 71 bushels, \$21.92 worth were sold at 60 cents per bushel. The rest were canned, eaten fresh and given away.

Butter.

Mrs. Whyland, 1st prize; Mrs. Hanson, 2nd prize; Mrs. Harrison, Mrs. W. C. Lewis, Maggie Johnson, Mrs. James Fowler, Mrs. E. T. Fish, Mable Johnson, Mrs. Fred Turner, Mrs. C. W. Johnston, Mrs. J. J. Moore.

Bread.

Mrs. J. J. Moore.

Cake.

Versa Wilson, 1st prize; Agnes Moore, 2nd prize; Mrs. Sarah Lunsford.

Pumpkins.

T. B. Dunn, 1st prize.

Hickory Nuts.

T. J. Click.

Needle Work.

Pillow cases, Mary Hill, 1st prize; Nora Harris, 2nd prize.

Plain Aprons. Hallie Davis, 1st prize; Agnes Moore, Bertha Powell, Ethel Moore, Versa Wilson, Esther Pitts.

Fancy Aprons. Hester Hazlewood, 1st prize; Nora McQueen, Mary Hill.

Table Covers. Mary Carter, 1st prize; Carrie Wallace, Mrs. J. B. Richardson, Iva Anderson.

Handmade Towel. Grace Davis, 1st prize; Lula Burnell.

Handmade Handkerchief. Maggie Anderson.

Quilt Squares. Maggie Mullins.

NOTES

Vegetables and potatoes are very scarce. Bury all you can right away for you will need them.

If you have a good patch of rye close to the house and have saved all your sorghum seed carefully to feed with oats and corn to your chickens you will reap a great harvest from 30 cent to 35 cent eggs this winter.

Have you fixed to shed all your livestock every night and to feed them all winter in a lot where you can save all the manure.

Manure should be kept under shelter until spread on the field. Go in with several neighbors and buy a carload of phosphate rock to mix with manure this winter. It will pay you big.

Several farmers are talking about ground limestone in carload lots dirt cheap. See your neighbor and get a load.

WILD MAN ATE GRASS FROM THE JAIL LAWN

Had to Be Restrained From Swallowing Pebbles—Has Uttered No Word.

San Rafael, Cal.—Deputy Sheriff Jack Donahue has a "wild man" in custody. He was captured near Camp Taylor. Not a word has the prisoner spoken; not a question has he answered with the exception of one, and that was when asked to write his name he scribbled the words "Anti Bey" on a bit of paper. It is thought these words may be a corruption of the name "Anthony Benko," found on a card when the man's cabin was searched.

"The Unknown's" first attempt at escape was made when newspaper photographers posed him outside the



Began Eating Grass and Dandelions.

county jail for a picture. He stared wildly at the cameras and then broke away from Donahue and dashed toward the hillside. He was captured after a short sprint, but protested violently by signs alone against being returned to his cell.

Soon after his attempt at escape he made signs indicating that he wished to sit down on the court house lawn. He was allowed to do so, when he immediately began tearing up grass and dandelions by the roots and eating them. He was allowed to do this, but when he attempted to swallow several small pebbles he was restrained.

Dr. Juser, county physician, and Dr. Stone made a close examination of the prisoner and they agreed that he was sane, but neither could account for his evident lapse of memory and his reversion to mankind's primal instincts.

In the hermit's hut, south of Camp Taylor, officers even found a stock certificate of an old mining company issued on March 14, 1863, to "F. Hirth." They also found a wallet containing a card on which was written the name "Anthony Benko."

No steps toward disposing of "The Unknown" have been taken as yet, or will they be until after further inquiry has been made into his strange case.

Former United States District Attorney John L. McNab, as attorney for the estate on which the hermit made his home, filed the complaint on which the "wild man" was taken into custody.

WHY HE KEPT RIGHT ON

Fell Into River, Had to Go to New York Anyway, So He Floated Across.

New York—Carrying a wet cargo, Robert Tisdale, negro laborer, floated from Yonkers to Harlem early the other day. He was docked in the Harlem river, at 138th street, by two patrolmen, who insisted on stopping his voyage.

Street Cleaning Inspector Boyle saw Tisdale first and called for help.

"What are you yelling for?" came from the "floater."

"I want to rescue you," called back the inspector.

"Go on back to bed," came the reply.

Patrolmen Osterhaus and Sullivan threw a rope to the negro and a few minutes later hauled him ashore.

"How did you get into the water?" asked one of the policemen.

"I don't remember," replied Tisdale. "The last thing I recollect I was sitting on the stringpiece of a dock in Yonkers, and then I found myself in the water. I had to come downtown, anyway, this morning, so I kept right on."

Looks After Chickens. Winsted, Conn.—Swipes, a cat owned by George M. Bradford of Meadow street, has developed a fondness for the chickens of Abel R. Woodward, who lives next door to the Bradford house, and each night when the chickens fly into low trees to roost, Swipes will climb to the limb on which they are huddled together, "shoo" them to the ground and then chase them into the henhouse where they belong.

High Office for Woman. Philadelphia.—Mrs. Esther C. Young, a wealthy society woman, has been elected president of the Columbia Telephone company. She is the first woman in the country to hold such a position.

INTERNATIONAL SUNDAY SCHOOL LESSON

(By E. O. SELLERS, Director of Evening Department, The Moody Bible Institute, Chicago.)

LESSON FOR NOVEMBER 23

JOSHUA THE NEW LEADER.

LESSON TEXT—Joshua 1:1-9. GOLDEN TEXT—"Be strong and of good courage." Joshua 1:9.

"Now it came to pass" (v. 1). Things do not happen in the kingdom of God, they "come to pass." This world, nations, families or individuals were not set in motion by a creator who has gone off neglectful of his creatures, nor has he left them to blind fate, or inflexible law. Attention is also drawn to the time, "after the death of Moses."

The call was clear and unquestioned, for the Lord "spake." Our highest responsibility is to that call which comes from the highest source of authority. This call came in the time of great need, Israel is without a leader. Then follow the first words of Jehovah to this newly chosen leader (v. 2) and which constitute his charge, "Moses my servant is dead, now, therefore arise." This suggests a prayerful attitude on the part of Joshua, but in no way is it to be construed that Moses was a hindrance to this forward march of the people of God. Rather, that Moses' work was completed and on the basis of his work an advance was to be made.

Obedience to Law.

The conditions laid upon Joshua were: (1) Confidence due to this promise of the presence of Jehovah (v. 5). The personal pronoun "I" is used seven times in these nine verses as though God would make confidence doubly assured. But confidence alone was not enough, hence the necessity of "courage" (v. 6). Strength is due to confidence and quietness, Isa. 30:15, but courage is the active principle which is the evidence of our strength and courage. Conquest was not alone conditioned upon courage (v. 6), but also upon the sure foundation of the word and oath of Jehovah. But strength and courage are maintained by obedience to law whether it be physical, civil or spiritual, hence the words of verse 7, the possession of this land depended upon absolute unflinching, invariable adherence and observance of the law, "which Moses my servant commanded."

Confidence and Authority.

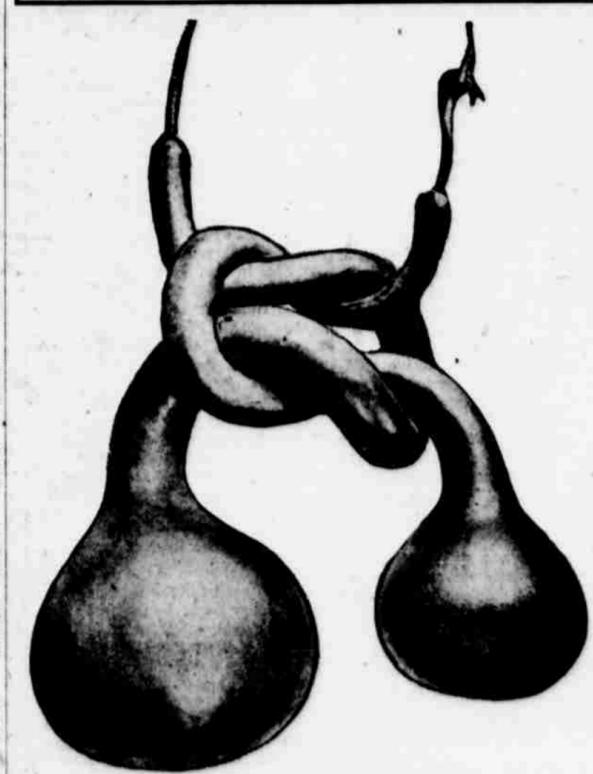
But Jehovah never leaves his own (v. 5). Matt. 28:20, nor does he leave man to blind fate or fortuitous circumstances. Therefore we read in verse 8 the counsel of Jehovah as to the method whereby Joshua and Israel may "prosper" (v. 7) or according to the margin "do wisely," viz., they shall meditate upon the books of the law. This verse is enough for the entire class session. The leader, be he preacher or teacher, who has any doubt about the word of God, or stands dumb before the empty tomb had better seek a new vocation for he is the apostle of a dying, disintegrating class or church and a decadent faith. The origin of man, the mystery of life, the destiny of the soul, demands the voice of confidence and authority not of uncertainty and doubt. True prosperity and wisdom are conditioned upon our taking the word of God as the man of our counsel, the light of our path, our daily meditation. The definite result of such a course is set before Joshua, and in addition he was promised the companionship (v. 9) of Jehovah every step of the way. It is interesting in this connection to remember that Joshua was associated with Moses in the first experience of war in the history of this young nation.

Conclusion. The greatest lesson before us at this time is that of continuity of the purposes of God. As great and important as Moses has been during his 40 years of leadership, yet he was not necessary. The instrument of divine deliverance, direction and discipline, yea, the voice of God to Israel, the receiver of their complaints and of their confessions, yet now he has been removed. What a tremendous blank he must have left. Yet Israel is to go forward, there is to be no halting in its progress. God had been training men for 40 years, one of whose faith failed not at the sight of the giants, one who had fellowship with the old and is now to face the new. We recall the words of John Wesley, inscribed upon his memorial tablet in Westminster abbey, "God buries his workmen, but carries on his work." Each individual in the long succession of leaders has his appointed task, and as he is loyal completes that task thereby preparing the way for a new leader. The abiding principles that condition each man's success are loyalty and obedience.

The Golden Text is in substance three times repeated. First, Joshua was to be strong and of good courage because of the work ahead of him (v. 6); second, he was to be strong and courageous in the observance of the law; and lastly he was to be strong and courageous in order to avoid the perils of fear and dismay which were to beset the path of advance (v. 9).

A study of the remainder of this chapter reveals not only the orderly response of the people but that the people, as well as God, also demanded of their leader that he should "be strong and of a good courage."

Freak Gourds From China



A curious gift of two Chinese gourds knotted together during growth in a curious fashion has been made to the bureau of plant industry at Washington by Dr. Kin, superintendent of the Woman's hospital at Canton and the great woman physician of China. The training of these gourds in whimsical shapes is one of the most aristocratic pastimes among the wealthy women of the celestial republic. In China it is quite the proper thing for sentimental young maidens to present to the idols of their hearts two gourds thus lovingly intertwined as gifts betokening special affection.

GENERAL FARM NOTES

Every child on the farm should have a pet lamb. Have you given your child one?

Make a hot bed and have some early plants ready to set out when the weather is warm enough.

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Three rules for success in gardening are: Freedom from weeds, thinning out, and keeping the ground mellow.

Some day we are going to find that as good a way as any to use the surplus sour milk is to give it to the hens.

The growing pig requires protein and not much corn. It is all right to give a little corn, but too much is harmful.

Salt-peter water—one ounce of salt-peter to a gallon of water—is a good spray for rust on bean vines and bushes.

Much can be done to prolong the life of trees. Fill up the decayed places with cement after scraping out all the decay.

In purchasing a boar it is well to bear in mind that one with heavy bones is more to be desired than one of slight build.

Are there any old apple trees in your orchard bearing undesirable fruit? It is easy to graft good varieties upon them.

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Cow Peas Fit Well into a Rotation Having the Double Value of Conserving Fertility and Supplying Abundant Pasturage.

half to two-thirds of a full feed of grain. Under ordinary conditions, this would mean that the hogs should be fed grain to the extent of two to three per cent of their live weight. In other words, a shoit weighing 100 pounds would be fed two to three pounds of grain per day. From gains made by hogs so fed it has been calculated that under average conditions a gain of three-fourths of a pound per hundred weight per day might be expected by such feeding.

When forage is abundant and fresh very little grain is required. On the other hand, as the season advances and the forage becomes less plentiful it becomes necessary to increase the amount of grain to produce the desired gain.