

#### THE HOME GARDEN

Advice Sent Out From South Carolina Experiment Station.

The essential things to be considered in the home garden are: location, planning, preparation and cultivation, fertilization and equipments.

In locating the garden the question of its proximity to the house is of vast importance, for naturally most of the work is done during spare moments which could not be taken advantage of if the garden were located a half mile from the house. Other things being equal, the general lay of the land determines to a considerable extent the earliness of the crops. Well-drained land, sloping gently to the South or Southwest, is preferable for the production of early vegetables. Wind barriers, such as hills, woods hedges, tight board fences, etc., on the North or Northwest produce very much the same effect. Choose a location that is well drained or tile drain it after it has been chosen.

If circumstances will permit, make the rows long, thereby saving time in turning and economizing land. Grow vegetables in rows long enough and wide enough to permit cultivation by horse and wheel hoe. If the rows are long it may be necessary to plant more than one kind of vegetables in the same row, in which case it is exceedingly important that they are compatible—that is, they require the same general treatment and practically the same growing season. The perennials, such as asparagus, rhubarb, etc., should be planted at one side where they will not interfere with the cultivation of the other crops. The larger growing plants, as corn, late cabbage and potatoes may be planted together on the other side of the garden. Of course these suggestions are general, since frequently there are conditions over which the gardener has little or no control. Sometimes, there is a decided variation in the character of the soil in the same garden. This, as well as any other local condition, ought to be taken into consideration in arranging for the location of the various crops. For example, if a part of the garden below, moist and cool, this place should not be planted to early crops, which require a quick, warm soil, but should be reserved for onions, celery, etc.

A rotation of crops, manures and tillage should be practiced on the

garden, as well as on the general farm. It is doubly important to rotate if diseases and insects become serious on any one crop. In a rotation to eradicate diseases and insects, the greatest care should be taken to select those crops on which these particular pests cannot thrive. For example, the potato "scab" will live on such plants as turnips, radishes and rutabagas. There are some pests, however, which cannot be starved out in this manner on so small a piece as the garden. In a case of this kind, it is usually cheaper to plant that particular crop and others on which this pest would exist on a different part of the farm until the pest has been starved out of the garden.

Time and labor will be saved by making the garden soil deep, fine and rich before planting. It is not sufficient that the land be smooth on top, but the pulverizing process should extend as deep as the plowing, for few things are more detrimental to the delicate roots of the small plants than clods and air spaces, both of which are results of poor preparation. By harrowing thoroughly before and after plowing, the land can be put in excellent physical condition. A deep, thorough preparation before planting and frequent, shallow cultivation after planting is necessary for best results.

The fertilizer used influences to a marked degree the character and quality of the vegetables produced. Barn yard manure is undoubtedly the best for this purpose, but care should be taken to see that it is well rotted and contains no elements that would be injurious to the soil. An excess of such things as sawdust, shavings, etc., which do not rot quickly, have a tendency to produce sourness in the soil, which is detrimental to practically all garden vegetables. Even when barnyard manure is used, it is usually economical to supplement it with a good high-grade commercial fertilizer with a greater per cent. of potash than is required by the general field crops. Under ordinary conditions, a fertilizer with an analysis of 3 per cent. nitrogen; 8 per cent. phosphoric acid; 8 or 10 per cent. potash, would be found to give excellent results in a vegetable garden. Nitrate of soda hastens the growth of such early crops as asparagus, rhubarb, lettuce, etc. Hard wood ash is one of the best sources of potash, provided it has not been exposed to rain. Lime, while

not directly a fertilizer, often produces beneficial results when applied to garden soils, especially if the land has a tendency to sourness.

By use of hotbed and cold frame (without which no garden is complete), the vegetable season could be lengthened at both ends. The hotbed consists of an enclosure covered with sash (in some cases cloth is substituted for glass) and supplied with some form of artificial heat to keep the soil warm and in condition to favor plant growth. Usually fermenting stable manure is used for this purpose. The cold frame is a hotbed without the artificial heat. In preparing the hotbed, have the manure thoroughly mixed and fined. Put in a bed of manure about 8 or 10 inches thick, cover this about 5 or 6 inches deep with clean garden soil. After the bed has been prepared, let the heat come down to 80 degrees F. before planting the seed. After the plants are up, the hotbed should be ventilated during the forenoon of warm days by raising the sash on the opposite side from the wind. Water on bright days during the morning only. Some plants can be grown to maturity in hotbeds or cold frames, while others are started in them and transplanted to the open when outside conditions are favorable. There are but few things more necessary to a garden than a hotbed.

O. M. Clark,  
Asst. Horticulturist.

#### SUMMONS FOR RELIEF.

State of South Carolina,  
County of Kershaw.  
Court of Probate.

Edward Smyrl Plaintiff.

against

W. L. DePass, Shadrack James, Polley Warren, Tom James, Wm. James (if he be living, and if dead, the unknown heirs of Wm. James) Henry James, Simon James, Margaret Brown, Cely Brown, John Brown, Ella Brown, Phyllis Warren, Tabby Warren, Betty Warren, Mary Carlos, Cely Gardner, Rhody Knighton, Tabby Knighton, Maggie Knighton, Lucy Knighton, Amy Knighton, Ed Knighton, Wyatt Knighton, Tabby James, Fran Moses, Amanda Smyrl, Defendants.

To the above named Defendants:

You are hereby summoned and required to answer the complaint in this action which has been filed in the office of the Judge of Probate for Kershaw County and to serve a copy of your answer to said complaint on the subscriber at his

office in Camden, S. C., within twenty days after the service hereof, exclusive of the day of such service, and if you fail to answer the complaint within the time aforesaid the plaintiff in this action will apply to the Court of Probate of Kershaw county for the relief demanded in the said complaint.

Laurens T. Mills,  
Attorney for Plaintiff.  
Dated, Feb. 13, 1913.

To the absent defendants, Tom James, William James (if he be living, or if dead, to the unknown heirs of said William James), Shadrack James, Henry James, Simon James, Margaret Brown and Tabby James:

Take notice that the complaint in the above action was filed in the office of the Judge of Probate for Kershaw County this 13th day of February, 1913.

Laurens T. Mills,  
Attorney for Plaintiff.

To the above named defendants:

You are hereby required to appear at the Court of Probate to be held at Camden Court House for Kershaw County, S. C., on Monday, 28th day of April, 1913, to show cause, if any you can, why the proceeds of the sale of the real estate of Shadrack James, deceased, sold by me, should not be paid over to Edward Smyrl, administrator of said Shadrack James, to be applied by him to the payment of the debts of the said Shadrack James.

Given under my hand and seal this 13th of February, 1913,

W. L. McDowell, (L. S.)  
Judge of Probate for Kershaw Co.  
42-3-45-6-7.

#### FINAL DISCHARGE.

Notice is hereby given that one month from this date, on Saturday, March 22nd, 1913, I will present to the Probate Court of Kershaw County my final report as Guardian of the estates of Frances Vaughan and Jennie Mae Vaughan, minors, and ask for Letters Dismissory as said Guardian.

R. M. Vaughan, Guardian.  
Camden, S. C., Feb. 20, 1913.

#### CITATION.

State of South Carolina,  
County of Kershaw.

By W. L. McDowell, Esquire, Probate Judge.

WHEREAS, Samuel Belton Beard made suit to me, to grant him Letters of Administration of the Estate of and effects of Miss Mary E. Man.

These are therefore to cite and admonish all and singular the kindred and creditors of the said Miss Mary E. Man, deceased, that they be and appear before me, in the Court of Probate, to be held at Camden, S. C., on April 3rd, next, after publication thereof, at 11 o'clock in the forenoon, to show cause, if any they have, why the said Administration should not be granted.

Given under my hand, this 17th day of March, A. D., 1913.

W. L. McDowell,  
Judge of Probate for Kershaw Co.  
Published on the 21st and 28th days of March, 1913, in the Camden Chronicle.

#### CITATION.

State of South Carolina,  
County of Kershaw.

By W. L. McDowell, Esquire, Probate Judge.

WHEREAS, Bessie Ross made suit to me, to grant her Letters of Administration of the Estate of and effects of Samuel Ross.

These are therefore to cite and admonish all and singular the kindred and creditors of the said Samuel Ross, deceased, that they be and appear before me, in the Court of Probate, to be held at Camden, S. C., on April 3rd, next, after publication thereof, at 11 o'clock in the forenoon, to show cause, if any they have, why the said Administration should not be granted.

Given under my hand, this 18th day of March, A. D., 1913.

W. L. McDowell,  
Judge of Probate for Kershaw Co.  
Published on the 21st and 28th days of March, 1913, in the Camden Chronicle.

#### ADMINISTRATRIX'S NOTICE.

All parties indebted to the estate of F. R. Alexander, deceased, are hereby notified to make payment to the undersigned, and all parties having claims against the said estate will present them duly attested within the time prescribed by law.

(Mrs.) Beile Alexander,  
Administratrix.  
Camden, S. C., March 19, 1913.  
47-48-49.

#### ADMINISTRATRIX'S NOTICE.

All parties indebted to the estate of R. K. West, deceased, are hereby notified to make payment to the undersigned, and all parties (if any) having claims against the said estate will present them duly attested within the time prescribed by law.

(Mrs.) Alice E. West,  
Administratrix.  
Camden, S. C., March 20, 1913.  
48-49-50.

J. T. Burdell  
Surveyor and Engineer

Office: Camden, S. C.  
Postoffice: Lugoff, S. C.

MONEY TO LOAN  
ON REAL ESTATE — EASY  
TERMS  
E. C. vonTresckow.

#### AN ORDINANCE.

Declaring the Result of an Election upon the Question of Issuing \$35,000.00 Coupon Bonds of the City of Camden for the Purpose of Establishing an Electric Light Plant for said City.

State of South Carolina,  
County of Kershaw,  
City Council of Camden.

Be it ordained by the City Council of Camden, and by authority of same, that the election held in the City of Camden, on this day, Tuesday, the 18th day of March, 1913, on the question of issuing coupon bonds of the City of Camden, S. C., for the amount of Thirty-five Thousand Dollars (\$35,000.00), bearing interest at the rate of five per cent. per annum, payable semi-annually, in any legal tender of the United States, forty (40) years after date, with the privilege of redemption after twenty (20) years from date, for the purpose of the establishment and ownership by the City Council of Camden, and by authority of same, that the election held in the City of Camden, on this day, Tuesday, the 18th day of March, 1913, on the question of issuing coupon bonds of the City of Camden, S. 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