WHAT IS YOUR ROTATION?

Is It Adapted to Your Soil, Climate and Your Markets?

There is room for divergence of opinion as to what rotation is the most profitable, but in most sections good farmers have rotations originally adapted to their own farms. Time may be short or long, and usually in any country or section the older the country the longer the rotation. Almost all farmers everywhere have a certain cultivation time, corn and oats and then corn, or corn, oats and wheat, and then corn. Others again have corn, oats, wheat, meadow, pasture and then corn. In many sections of this country this is not a bad one, but a winter in the Iowa Homestead points out the fact that a rotation is not a good one unless it provides for the gathering back of all fertility, and be known of no country in which this has been done without the use of the legumes such as clover, beans or peas. Hence—

In northern states where office fall or spring wheat grows well, and where clover growing and finding is one of the main features of the farm, the rotation of corn as soil, oats, spring or fall wheat, clover and timothy for meadow, then pasture one to two years, and then back to corn, is a very attractive one. If possible to run a herd, or we should rather say a sufficient crop on land which has an abundance of vegetable matter in that state of decomposition in which the juice of corn translates and in the corn growing sections it is exceedingly wise to follow corn with corn, then sometimes two heavy crops than this soil. Beyond this it is not wise to go as the corn and weeds will inevitably appear and decrease the crop to ordinary yields from 10 to 15 per cent.

Oats can then be sown without plowing, and, as a rule, do better advantage without plowing than with it. Where wheat is a profitable crop in ordinary years, plow and mar then be sown, and if seed is not too high it will pay to sow it anyhow, even if it is to be plowed under in the fall for a crop of wheat. This, of course, follows the best nurse crop for this purpose, having a stand in ordinary seasons, and the weed crop treated in this way finish up as a fertilizer, crop of hay, and, if clover predominates, a crop of seed. Where timothy is in seed with clover it is best to go back to corn after a clover seed crop, thus making a short four years' rotation, but where there is an excess of crop that furnished to fertilize the rotation it is wise to sow timothy and pasture one or two years before going back to corn.

Potatoes in Succession.

There are other reasons besides the danger of propagating the potato disease why it is not best to plant potatoes two succeeding years on the same land. Explains American Cultivator: The great necessity for a large potato crop is an abundant supply of nutrients in the soil. Nothing as well assures this as a clover by plowed early enough in spring to get the advantage of late spring rains. It is true that when clover is allowed to grow in the spring there is a good mass of green herbage to be plowed under in late May or early June. But the moisture that is in the clover leaves has all been taken from the soil and much more, for the clover plant, with its broad leaves, exhales moisture readily, as any one who has plowed under a growth of clover in June well knows. Even as quickly as 48 hours after a very heavy rain heavy soil will often become hard to plow.

When clover is plowed so late, the soil often remains dry all the season if summer rains are light. The same clover plowed in early spring will keep moist all summer. What clover there is rots quickly, and this keeps the soil loose, so that more rainfall sinks into it instead of running off. The soil where potatoes grew the year before is then has better vegetable matter in the plowing to enlarge so large for it to grow that much of its benefit for that year must be lost. This may prove to be one of the drawbacks to the advantages expected from sowing crimson clover to cover the soil in winter and be plowed under in spring for potatoes. There will be some gain, but it will not be as great as is commonly supposed.

Exhibit of Irrigation Machinery.

The exhibit of machinery for raising water made at the irrigation convention in Hutchinson, Kan., demonstrated that at least in the Arkansas bottoms a big ditch full of water can be provided without very expensive appliances. Pumps were there with throughs 1,000 gallons of water per minute. These were each driven by a common Gasoline engine. There were discussions for machines doing proportionately heavy work. There were gasoline engines of several makes, all doing excellent work in the operation of pumps. Without doubt the use of these engines is to be greatly increased, where a supply of water is desired, without fail, at the time your legislated, and where the quantity must be above the capacity of the windmill and below 10 or 15 horsepower. Windmills were there in great number and variety, and they received much attention. The business of irrigation first thinks of the wind as the cheap motive power, and there is no doubt about the practicability of utilizing comfortable breezes, and especially gusts, by the use of wind power.

Pasturing Your Fruit Orchard.

From the Kansas City Journal of Agriculture comes an interesting summary of the methods of feeding of wheat and other grains to hogs. There are now several extended experiments in feeding wheat and the results are justified in feeding these animals wheat when so cheap and that double wheat sufficiently reports for pasture as a general thing is wise. In many localities it is not only profitable disposition of the low priced grain, but it is a good thing to have hogs in the orchard, and when wheat is cheap it is a profitable money for the farmer.

The "Salvation" Sow Cow Troubled.

Dr. Holmes paid a little heed to the dictum of the chief that that a sow bearing should not eat with a proposition to other important work at the time, in order of a which an observer who had fallen the rule, "A proposition should not be sent to and a sojourner with." Dr. H. has noted not only sow, sheep, but chickens, with proportionate and other disproportionate results. For recently, chapter 7 of "Gain Women" note with the words "salvation" and chapter 19 of the same novel each with the words "the sh" —Boston Transcript.

Getting Thin

is often equivalent to getting ill. If loss of flesh can be arrested and disease baffled the "weak spots" in the system are eradicated.

Scott's Emulsion

is an absolute corrective of "weak spots." It is a builder of worn out failing tissue—*nature's food* that stops *waste* and creates healthy flesh.

Prepared only by Scott & Bowne, Chemists, 409 & 411 Pearl St., New York. 50 cents and $1.00 all druggists.

We Know of Nothing that Can Compare with the

Graefenberg Pills

As a FAMILY PILL.

They are not only mild but exceedingly effective.

THE BEST HEADACHE PILL.

GRAEFENBERG

An infallible remedy for all FEMALE COMPLAINTS. Price $1.50 per bottle. CURES WEAKNESS, NERVOUSNESS and GENERAL DEBILITY. This remarkable preparation is the only reliable remedy for the distressing diseases of women. Sold by Druggists.

Graefenberg Co. 111 Chambers St., N.Y.

CATHOLICON.

Sold by J. C. M. I. and all wholesale druggists.

Graefenberg Co.

111 Chambers St., N. Y.

ASSESSMENT NOTICE.

Salt Lake Airshaft Company.

Office No. 11, 12 Dick Blk., Salt Lake City, Utah.

NOTICE IS HEREBY GIVEN THAT at a meeting of the Board of Directors of the Salt Lake Airshaft Company, held on the 11th day of January, 1895, an assessment (series No. 1) on the capital stock of the corporation was levied payable immediately to the Secretary, at the office of the company, Room 11, 12 Dick Block, Salt Lake City, Utah, and that any stock upon which shall be found delinquent at 12 o'clock noon, on the 11th day of February, 1895, will be sold at public auction, and unless payment is made before the time of sale will be sold to pay the delinquent assessment, together with costs of advertising and expenses of sale.

WILLIAM H. HALL, Trustee.

MARSHAL'S SALE.

PURSUANT TO AN ORDER OF SALE to me directed by the Third District Court in the District of Utah, I shall expose at public sale, at the hour of one o'clock p. m. of said day, at the south door of the Court House in Salt Lake City, Utah, the following described property, to wit:

All the right, title and interest of the above named defendants in and to the following described real estate, situate, lying and being in Salt Lake City and County, Utah Territory, and described as follows, to wit:

Commencing at the northeast corner of lot 1, block 50, plat "A," Salt Lake City survey, and running thence south 330 feet; thence west 165 feet; thence north 330 feet; thence east 165 feet to the place of beginning, containing 1 acre, more or less, together with all the water rights, ditches, reservoirs, and appurtenances thereunto belonging, or in anywise appertaining, and the rents, issues and profits thereof.

SAY H. TOWNSAN, U. S. Marshal.
By J. L. Rawlins, Deputy Marshal.
Dated January 11th, 1895.

NOTICE OF SALE OF REAL ESTATE BY ADMINISTRATOR.

NOTICE IS HEREBY GIVEN, THAT IN pursuance of an order of the Probate Court of Salt Lake County, Utah, made on the 7th day of December, 1894, to the undersigned, administrator of the estate of Mary Ann Stewart, deceased, the undersigned will sell at Private sale, to the highest bidder, the interest of said deceased in and to the real estate hereinafter described, at the office of the undersigned, in Salt Lake City, Utah, on Saturday, the 26th day of January, 1895, at the hour of one o'clock p. m. of said day, subject to confirmation by the court, the following described real estate, to wit:

Lot 1, block 50, plat "A," Salt Lake City survey, and running thence north 330 feet; thence west 165 feet; thence south 330 feet; thence east 165 feet to the place of beginning, containing 1 acre, more or less, together with all the water rights, ditches, reservoirs, and appurtenances thereunto belonging, or in anywise appertaining, and the rents, issues and profits thereof.

Terms of sale: Cash, gold coin of the United States, at the time of sale. For further particulars apply at the office of the undersigned, in Salt Lake City, Utah.

Dated this 11th day of January, A. D. 1895.

ANNIE M. STEWART, Administrator of the Estate of Mary Ann Stewart, Deceased.

TRUSTEE'S SALE.

WHEREAS, ROBERT H. FOWLER, OF Salt Lake City, Utah, did, on the 1st day of March, 1892, execute and deliver to the undersigned, Trustee, his certain promissory note for the sum of eleven hundred and twenty-five dollars, payable on demand, with interest thereon at the rate of ten per cent per annum, payable quarterly, and to secure the payment of said note and interest thereon, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, said Robert H. Fowler did then and there mortgage to the undersigned, Trustee, the following described real estate, situate, lying and being in Salt Lake City, Salt Lake County, Utah Territory, to wit:

Lot 8, block 50, plat "A," Salt Lake City survey, and running thence north 330 feet; thence west 165 feet; thence south 330 feet; thence east 165 feet to the place of beginning, containing 1 acre, more or less, together with all the water rights, ditches, reservoirs, and appurtenances thereunto belonging, or in anywise appertaining, and the rents, issues and profits thereof.

And whereas default has been made in the payment of said note and interest, and the holder of said note has declared the same to be immediately due and payable, and has requested the undersigned, Trustee, to execute this trust by selling said mortgaged premises, and applying the proceeds of sale to the payment of said note and interest, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, as provided in said deed of trust.

Now, therefore, notice is hereby given that I will, on the 19th day of January, A. D. 1895, at the hour of one o'clock p. m. of said day, at the south door of the Court House in Salt Lake City, Salt Lake County, Utah, sell at public auction, to the highest bidder, for cash, gold coin of the United States of America, the above described real estate, situate, lying and being in Salt Lake City and County, Utah Territory, to satisfy said note and said mortgage, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, as provided in said deed of trust, and the proceeds of said sale to be applied to the payment of said note and said mortgage, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, as provided in said deed of trust, and the surplus, if any there be, to be paid over to the said Robert H. Fowler, or his assigns, on demand.

Dated at Salt Lake City, Utah, this 10th day of December, A. D. 1894.

C. A. HIGGS, Trustee.

ASSESSMENT NOTICE.

Mercur's Market Company.

Principal office, Salt Lake City, Utah.

NOTICE IS HEREBY GIVEN THAT at a meeting of the Board of Directors, held on the 10th day of December, 1894, an assessment of twenty cents per share was levied on the capital stock of the company, payable immediately to the Secretary, at the office of the company, Room 11, Dick Block, Salt Lake City, Utah, and that any stock upon which shall be found delinquent at 12 o'clock noon, on the 11th day of January, 1895, will be sold at public auction, and unless payment is made before the time of sale will be sold to pay the delinquent assessment, together with costs of advertising and expenses of sale. By order of the Board of Directors.

JAMES MOFFAT, Secretary and Treasurer.

The time of payment of said assessment has been extended until the 1. 1895. By order of the Board of Directors.

JAMES MOFFAT, Secretary and Treasurer Mercur's Market Company.

ASSESSMENT NOTICE.

North Point Consolidated Irrigation Company.

Location of Office and Principal Place of Business, Room 21, Dick Block, No. 10 Second South Street, Salt Lake City, Utah.

NOTICE IS HEREBY GIVEN THAT at a meeting of the Board of Directors, held on the 10th day of December, 1894, an assessment (No. 1) of ten mills a share was levied on the capital stock of the corporation, payable immediately to the Secretary, at the office of the Company, Room 21, Dick Block, Salt Lake City, Utah Territory, and that stock upon which this assessment shall remain unpaid on the 11th day of January, 1895, will be sold at public auction, and unless payment is made before the time of sale will be sold to pay the delinquent assessment, together with costs of advertising and expenses of sale.

By order of the Board of Directors.

ARTHUR PATTISON, Secretary.

Office of the Company, Room 21, Dick Block, Salt Lake City, Utah, December 21st, 1894.

LEGAL NOTICE.

In the Probate Court, in and for Salt Lake County, Territory of Utah.

In the matter of the estate of George Dunford, deceased.

NOTICE IS HEREBY GIVEN THAT the undersigned, Joseph Dunford, executor of the last will and testament of said deceased, has filed his final account of his administration of said estate, and that the court has appointed the 26th day of January, A. D. 1895, at 10 o'clock a. m., at the court room of said court, in the City and County Building, Salt Lake City, Utah Territory, as the time and place for hearing said account and the settlement thereof, when and where all persons interested in said matter may appear and contest said account.

Dated January 10th, A. D. 1895.

JOSEPH DUNFORD, Executor of the last will and testament of George Dunford, deceased.

DAVIS, HANDCOCK & MCCARTY, Attorneys for Executor.

TRUSTEE'S SALE.

WHEREAS, ROBERT H. FOWLER, OF Salt Lake City, Utah, did, on the 1st day of March, 1892, execute and deliver to the undersigned, Trustee, his certain promissory note for the sum of eleven hundred and twenty-five dollars, payable on demand, with interest thereon at the rate of ten per cent per annum, payable quarterly, and to secure the payment of said note and interest thereon, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, said Robert H. Fowler did then and there mortgage to the undersigned, Trustee, the following described real estate, situate, lying and being in Salt Lake City, Salt Lake County, Utah Territory, to wit:

Lot 1, block 50, plat "A," Salt Lake City survey, and running thence south 330 feet; thence west 165 feet; thence north 330 feet; thence east 165 feet to the place of beginning, containing 1 acre, more or less, together with all the water rights, ditches, reservoirs, and appurtenances thereunto belonging, or in anywise appertaining, and the rents, issues and profits thereof.

And whereas default has been made in the payment of said note and interest, and the holder of said note has declared the same to be immediately due and payable, and has requested the undersigned, Trustee, to execute this trust by selling said mortgaged premises, and applying the proceeds of sale to the payment of said note and said mortgage, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, as provided in said deed of trust.

Now, therefore, notice is hereby given that I will, on the 19th day of January, A. D. 1895, at the hour of one o'clock p. m. of said day, at the south door of the Court House in Salt Lake City, Salt Lake County, Utah, sell at public auction, to the highest bidder, for cash, gold coin of the United States of America, the above described real estate, situate, lying and being in Salt Lake City and County, Utah Territory, to satisfy said note and said mortgage, and all costs and expenses incurred in the collection thereof, and a reasonable attorney's fee for foreclosing this mortgage in case suit should be instituted to foreclose the same, as provided in said deed of trust, and the surplus, if any there be, to be paid over to the said Robert H. Fowler, or his assigns, on demand.

Dated at Salt Lake City, Utah, this 10th day of December, A. D. 1894.

C. A. HIGGS, Trustee.

NOTICE OF TRUSTEE'S SALE BY SUCCESSOR IN TRUST.

NOTICE IS HEREBY GIVEN THAT, the undersigned, Mary Spencer, successor in trust under the trust deed hereinafter mentioned, executed by Ezra Spencer and Mary Spencer, his wife, to Ezra T. Kelsey, trustee, to secure the payment of one certain promissory note, bearing date the 1st day of January, 1892, for the sum of $1,000, payable to the order of said Ezra T. Kelsey, trustee, and secured by said trust deed, and the said Ezra T. Kelsey, trustee, being dead, and the said Mary Spencer, his successor in trust, having been duly appointed and qualified as such successor in trust, and the said Ezra T. Kelsey, trustee, and the said Mary Spencer, his successor in trust, having been duly appointed and qualified as such successor in trust, and the said Ezra T. Kelsey, trustee, being dead