

SOIL SWEETENING

Farming Methods Endangered by Confusion of Instructions.

MEN OF EXPERIENCE MISLED.

Attention of Teachers Is Focused on Unprogressive Element, and Bulletin Are Addressed Mainly to Them, Thus Confusing Those Who Have Limited Their Lands in Right Manner.

The wide spread of our land and the resulting limitation of crops has alarmed agricultural teachers to push the conservative and most objections that are in part local and often excessive. The teachers having their troubles with unprogressive farmers focus their attention upon them. Thus they are liable to make wholesale recommendations in the agricultural bulletins as if such men comprise the sole public. Unfortunately through this many who have always tilled their lands right are made doubtful by such generalizations and the tone of authority in new recommendations. Pulverized limestone and oyster shell are useful forms of soil sweeteners when ground fine enough. Outcrops of the stone and abandoned shell heaps occur in many places. These should be developed and local grinding encouraged if the operation is practical and economical. For lime is not merely useful; it is essential to all land.

But so anxious are the teachers to start this utilization that nearly all bulletins convey the impression that these carbonate forms of lime are cheap. This is not often the case where freight rates are reasonable and immediate results from liming are desired. Consider that ordinary stone grinders when new reduce the material so that about one-half of it will pass a sieve with sixty meshes to the inch. The Pennsylvania Agricultural College recommends that ground limestone be reduced to a degree of fineness so that all will pass a sixty mesh screen, or twice as fine as many of the products of local grinding plants. Then as coarse ground limestone contains only one-half its weight of oxide, or true lime, you only have one-half of one-half or one-quarter of the stuff, shipped, hauled and spread, that sweetens soil. In a rough estimate the cheapest true lime or lime oxide on the field gives the largest profit. Don't be misled into believing that the lowest cost lime product is always the cheapest in the end from the standpoint of genuine service. A good way to figure out which is the most economical form of lime to use is to multiply the cost of a coarse ground limestone or oyster shell offered at a low price by four, when comparing it with the cost of a burned lime, after you have added freight, hauling and handling to both. In doing this remember that our agricultural experts generally advise about twice as much ground limestone is needed to do the work of burned lime, and this means twice the freight rate when the former material is used. Ground limestone and shell produced in a farming section at a distance from railroads may stand this test of cheapness. But many farmers near lines of transportation are being misled in this connection by the recommendations in agricultural bulletins. The authorities had no intention in writing them of changing good liming practices already existing.

POTATO SOIL.

Importance of Seed Sterilizing and Providing Potash Plant Food.

In the preparation of the soil for potato growing it should be understood that a healthy potato in a healthy soil only grows generously when the soil is sweet. But great caution should be used in liming potato ground in view of the fact that seed infected seed develops scab faster than potatoes in a sweet soil. To overcome this and at the same time to derive the benefit from the use of lime in providing the natural potato crop, lime only moderately, and be sure to kill the scab and little potato fungus on the seed.

For this purpose mix one pint of formalin from the drug store with thirty gallons of water. Hang the seed potatoes in a sack in the barrel for two hours, then spread on a clean floor, washed with the same solution, to dry before cutting. Where "stem rot" is feared, as well as scab, dissolve two ounces of corrosive sublimate in two gallons of hot water. When dissolved pour into twelve gallons of water in a barrel and hang the sack of potatoes in for one and one-half hours. Dry on a clean floor, wiped with the same solution, before cutting, and do not forget you are handling poison and must wash your hands after using the liquid.

If potatoes are planted in a rotation and do not follow the same crop if the soil is well aerated by cultivation and the seed disinfected, limited liming the soil is without danger, and this will supply the heavy potash needed.

Sunlight Necessary For a Garden.

No amount of fertilizer, watering and cultivation will make up for the absence of sunlight in a garden. Home gardeners before attempting for the first time to use a back yard or other space should consider carefully how many hours a day any part of the yard is in shadow from building, fences or trees. At least five hours of sunlight a day is necessary for a successful garden. The more sunlight they get the better it is for most vegetables. For this reason it is bad practice to put plants of low habit between tall growing plants which will shade them for the greater part of the day. As a rule, foliage crops such as lettuce, spinach and kale do fairly well in partial shade, but even these must have sunlight two or three hours a day. In clearing parts for such plants and raising the same, spaces for those which require plenty of sunlight to grow at their best.

CORN FOLLOWING ALFALFA.



Two Years In Alfalfa on Right; One Year In Alfalfa on Left.

BIG PROFIT IN HAY

Its Value Is Generally Underestimated by Farmers.

STIMULANT FOR SOIL NEEDED

Hay Has Received Too Little Attention In Past—Grass Necessary For Forage And Also to Increase Soil Fertility. Better Methods of Seeding Wanted to Increase Yield.

The importance of the hay or grass crop in our systems of farming is often underestimated. The hay crop generally receives less attention than any other farm crop. From the earliest days of husbandry the old proverb, "No grass, no cattle, no cattle, no manure, no manure, no crops," has had full significance. An increase in the grass crop means soil improvement. The value of a soil for corn or potatoes is known by every practical farmer. To fail in getting a stand of grass means not only a lack of forage, but also a final loss in soil fertility. The adaptability of a large portion of the eastern states to hay production and the proximity of large markets, together with the fact that the grass crop responds so readily to fertilization and good culture as other farm crops, should be an incentive to the farmer for giving special attention to the growing of grass. The average yield of hay per acre in the eastern states is not much over one ton.

LIME AND LEGUMES FOR GOOD HUMUS.



Turning Under Red Clover, a Prominent Leguminous Forage Crop.

That it is possible to increase the yield not only through better methods of seeding, but also by the proper treatment of grass land, has been fully demonstrated. Experiment stations throughout the country have shown that it is possible to almost double the yield of hay through top dressing with manure and lime or commercial fertilizers with lime.

The Kind of Meadow to Top Dress.

A few stands of grass or a meadow of long standing is not likely to give maximum results from top dressing. The former will contain many weeds, while the latter may be so old bound as to prevent proper development. The best results may be expected from grass land of the previous year's seeding or a seed of two years' standing. In general top dressing the land the first year is the better practice, since the plants are established and a more perfect stand is obtained in this way. Grass which is only one or two years old and the following spring will give a large yield of hay free from weeds. The increased growth of the grass due to top dressing tends to crowd out the weeds much more rapidly than one should imagine. In general it will be more profitable to top dress a good soil of recent seeding rather than try to renovate poor stands of grass.

Time of Application.—Lime should be applied first, in a soluble, quick acting form—namely, hydrate or ground kiln lime. There is

SECRETS.

To tell our own secrets is generally folly, but that folly is without guilt; to communicate those with which we are entrusted is always treachery, and treachery, for the most part, combined with folly.—Johnson.

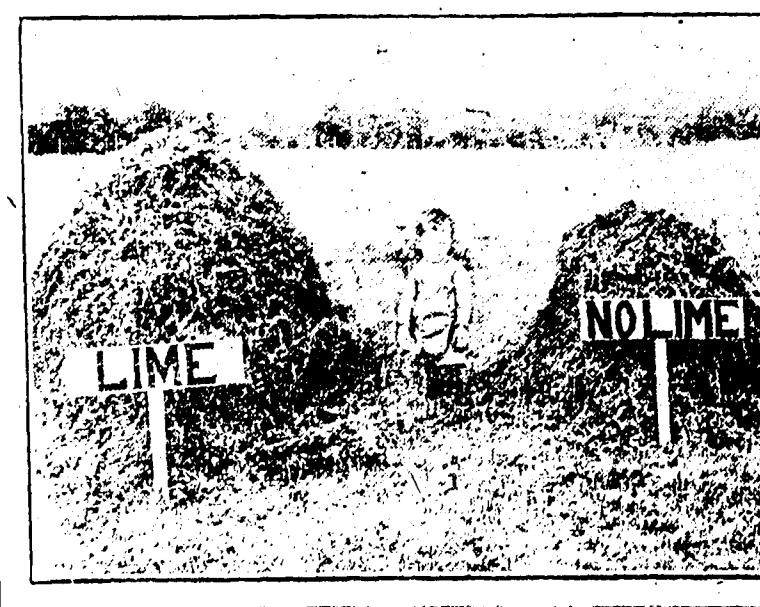
Getting Out Of.

"I caught the street car conductor who owes me money on the car platform last night."
"Did you get your money?"
"No, he did the same thing my other creditors do."
"What's that?"
"Put me off."—Birmingham Age-Herald.

SUCCESS.

Show me a young man who has not succeeded at first and has then gone and risen and I will back that man to do better than those who succeeded at the first trial.—Charles James Fox.

LIME AND NO LIME IN GROWING THE ALFALFA CROP.



MISCELLANEOUS RECORDS AND REAL ESTATE NEWS

Cancelled Mortgages, Releases and Others Entered at Clerk's Office.

Cancellation of Mortgages, Atlantic City.

Joseph Schwartz to Guarantee Trust Co. 60x 82.5 ft. West side Cambridge Ave. 73 ft. North of Ocean Ave. \$1,000.

Arthur E. Erickson to Eastern Fire Ins. Co. 32x57.5 ft. East side Hillside Ave. 100 ft. South of Winchester Ave. \$1,500.

David Altman to Moore Goldman, 60x150 ft. South side Atlantic Ave. 125 ft. East of Florida Ave. \$1,500.

Milton Fillmore to Rodman E. Sheen, 40x 62.5 ft. East side Oakland Ave. 210 ft. North of Ventnor Ave. \$1,500.

Henry Schimpf, Jr. to Rodman Realty Co. 40x62.5 ft. West side Oakland Ave. 220 ft. North of Ventnor Ave. \$1,500.

Emile J. Petroff to Louis J. Kolb, 38x80 ft. West side Aberdeen Place 108.5 ft. North of Winchester Ave. \$2,500.

Frank A. Souder to Thomas McCarthy, 33.3x 125 ft. West side Georgia Ave. 233 ft. North of Pacific Ave. \$5,000.

Barnet Ellis to Emma McCarthy, 33.3x175 ft. West side Georgia Ave. 233 ft. North of Pacific Ave. \$1,000.

Petroff-Emile Co. to Emma W. Hite, 40x85 ft. West side Aberdeen Place 55 ft. North of Ventnor Ave. \$2,500.

John McJannet to Marcus Haugh, 50x80 ft. Northeast cor. of Atlantic and Florida Aves. \$1,000.

Mary I. Knauer to Atlantic City Nat. Bank, irreg. West side New York Ave. 458 ft. South of Pacific Ave. \$2,500.

Mary A. Holden to James T. Row, irreg. Southwest side New York Ave. 788 ft. south-east of Pacific Ave. etc. \$10,000.

Harry S. Parnon to Walter J. McDevitt, 25x 100 ft. East side Rhode Island Ave. 187 ft. South of Baltic Ave. \$3,000.

Jacob M. Roesech to Francisco A. More, 50x 60 ft. East side Tennessee Ave. 450 ft. South of Pacific Ave. \$9,500.

Ellen S. Cox to Frederick Schwab, 100x100 ft. West side Illinois Ave. 150 ft. South of Atlantic Ave. etc. \$10,000.

William F. Ratter to Stephen Oberst, 63x 75 ft. South side Arctic Ave. 25 ft. West of Irving Ave. \$2,000.

Mary I. Knauer to Mary A. Holden, irreg. West side New York Ave. 458 ft. South of Pacific Ave. \$14,000.

Phineas Schindler to K. Oberst, 32x 90 ft. Southwest side Pacific and Florida Aves. \$1,000.

Pacific Realty Co. to Emily Oeffman, 38x 75 ft. West side Lafayette Ave. 120 ft. North of Atlantic Ave. \$2,000.

Hammonton.

Joseph A. Baker to Mary Kramer, irreg. land situated partly in Hammonton and partly in Folsom, beg. at a point in the middle of the line between the two towns and May's Landing Road 30.43 chains Southeast from the middle of 14th St. \$500.

Pleasantville.

George Gould to James L. Hildey, lot 8 on map of building lots in Pleasantville, \$1,000.

Preston B. Adams to John T. Irving, irreg. Northeast side of E. Muller's lot and the Northwest side of Shore Road, \$1,000.

Annie Cressy Wolf to J. Randolph Adams, irreg. Southwest side of W. Second St. 125 ft. Southwest of Adams Ave. \$500.

Preston B. Adams to Charles S. Adams, irreg. beg. at a point formed by intersection of Northeast side of E. Muller's lot and Northwest side of Shore Road, \$1,200.

Releases From Mortgages.

Stuart A. Hage to Charles J. Burkard, 30x 54.5 ft. Southwest side of W. Washington Ave. and on Southwest cor. of an alley 140 ft. Northwest from Shore Road, Pleasantville, \$1.

Chattel Mortgages.

Henry Jensen to Christian Atz, goods etc. mentioned in schedule and how in possession and situate in premises on Philadelphia Ave. known as Rathskeller, Egg Harbor City, \$500.

Judgments.

J. D. Johnson Co. vs. Harry Melz, Little, District Court, \$26.25. Blackley & Stockwell, Attys.

John Pasch vs. John and Elizabeth Magne, Small Cause Court, \$13.81.

J. S. Perrine & Son vs. Harry T. Erpenbach, Circuit Court, \$64.20. S. B. de la Rue, Atty.

B. Kaplan vs. Mark and Caroline Foster, Small Cause Court, \$113.44.

Walter T. Reed Co. vs. David Altman, Circuit Court, \$84.01. G. L. Goldenberg, Atty.

Actions.

National Machine Works vs. David Altman, builder, and South End Realty Co., owner, Circuit Court, James H. Hayes, Jr., Atty.

LEGAL.

SPECIAL MASTERS' SALE.
By virtue of an order of the Court of Chancery made in a cause wherein Harry W. Taylor et al. are complainants, and Grace W. Taylor et al. are defendants, bearing date the 12th day of April, 1917, to me, the undersigned, directed, there will be sold at public vendue on

WEDNESDAY, THE SIXTEENTH DAY OF MAY, NINETEEN HUNDRED AND SEVENTEEN,

at two o'clock in the afternoon of said day, in the Court Room No. 20, Second Floor, Courtroom Building, in the City of Atlantic City, County of Atlantic and State of New Jersey,

All that certain tract or parcel of land and premises situate, lying and being in the City of Ventnor City, in the County of Atlantic and State of New Jersey, bounded and described as follows:

Beginning at a point in the Eastern line of Oxford Place 165 feet northwardly from the southerly line of Ventnor Avenue, and runs thence (1) Eastwardly and parallel with Ventnor Avenue 125 feet; thence (2) Southwardly and parallel with Oxford Place 50 feet; thence (3) Westwardly and parallel with Ventnor Avenue 125 feet to the Eastern line of Oxford Place; thence (4) Northwardly and along the Eastern line of Oxford Place 50 feet to the place of beginning.

Including the estate and interest in dower of Grace W. Taylor, also the Incumbent right of dower of Elmer C. Taylor and Elmer V. Taylor, in said premises.

GEORGE A. BOURGEOIS, Special Master.

Dated April 19, 1917.

MARTIN E. KEEFER, Solicitor. P's fee, \$14.00

NOTICE TO CREDITORS.

Estate of Amanda L. Bartlett, deceased. Pursuant to the order of Daniel H. V. Bell, Surrogate of the County of Atlantic, this day made on the application of the undersigned, Executors of the said decedent, notice is hereby given to the creditors of the said decedent to exhibit to the undersigned, under oath or affirmation, their claims and demands against the estate of the said decedent, within nine months from this date, or they will be barred from prosecuting or recovering the same against the subscriber.

WILLIAM H. BARTLETT, ELWOOD S. BARTLETT, Executors.

May's Landing, N. J., April 13, 1917.

JOHN C. SLAPE, Executor. P's fee, \$14.00

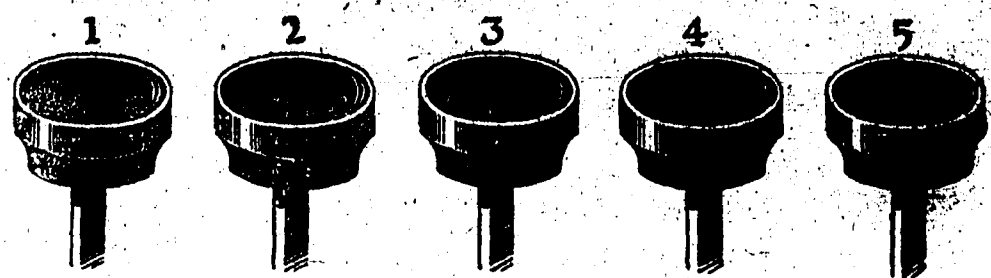
NOTICE TO CREDITORS.

Estate of Robert O'Neill, deceased. Pursuant to the order of Daniel H. V. Bell, Surrogate of the County of Atlantic, this day made on the application of the undersigned, Executors of the said decedent, notice is hereby given to the creditors of the said decedent to exhibit to the undersigned, under oath or affirmation, their claims and demands against the estate of the said decedent, within nine months from this date, or they will be barred from prosecuting or recovering the same against the subscriber.

MARY J. O'NEILL, Executrix.

May's Landing, N. J., April 2, 1917.

ROBERT J. O'NEILL, Executor. P's fee, \$14.00



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Shoemaker

Farragut Avenue MAY'S LANDING

Court and County Officers.

Supreme Court Justice—Hon. Charles C. Black.

County Judge—Hon. Howard Garrow.

Law Judge—Hon. Clifford C. Shinn.

County Clerk—Edwin A. Parker.

Deputy County Clerk—Barton A. Gaskill.

Sheriff—Joseph R. Bartlett.

Deputy Sheriff—Smith E. Johnson.

Sargante—Daniel H. V. Bell.

Deputy Sargante—George T. Yetter.

County Collector—Emuel L. Johnson.

County Auditor—Abraham H. Hildey.

President of the Peace—Charles S. Moore.

Asst. Prosecutor—W. E. Brown, Jr.

Jury Commissioner—Wilson Sessman.

Court Stenographer—Charles W. Myron.

County Physician—Lewis B. Souder.

Superintendent County Asylum for Insane—Dr. Henry C. Munro.

Director of the Almshouse—Dr. Henry C. Munro.

County Superintendent of Schools—Henry M. Crossman.

County Engineer—A. H. Nelson.

County Supervisor of Roads—Japhet Price.

Superintendent of Grounds and Buildings—Daniel E. Vaughn.

Superintendent of Weights and Measures—Edward W. Strickland.

Census—Edward H. Rose, Atlantic City.

Charles Cunningham, Hammonton; Halton L. Harley, Pleasantville.

Senator—Hon. Emerson L. Richards.

Assemblymen—Hon. Irving Parsons and Hon. Herman E. Whitman.

Representative in Congress—Hon. Isaac Bachman.

County Tax Collectors.

Abscon City—Joseph R. Stewart, Abscon.

Atlantic City—Louis L. Mathis, Atlantic City.

Brighton City—H. D. Smith, Brighton City.

Buena Vista Twp.—A. C. Daggett, Vineland.

Egg Harbor City—C. K. Rockwell, Egg Harbor City.

Egg Harbor Twp.—Benj. C. Lee, Seaside.

Folsom—Thomas Chalmers, Folsom.

Galloway Twp.—James Somers, Oceanville.

Hamilton Twp.—C. W. Abbott, May's Landing.

Hammonton—A. B. Davis, Hammonton.

Linwood—Curtis Somers, Linwood.

Longport—Wm. S. Gilmore, Longport.

Mullica Township—Frank Edwards, Elwood.

Margate City—A. B. Repetto, Margate City.

Norfield—Somers J. Adams, Norfield.

Pleasantville—Webster Price, Pleasantville.

Port Republic—Jos. M. Collins, Port Republic.

Somers Point City—A. Y. Jare, Somers Point.

Ventnor City—James G. Scott, Ventnor City.

Weymouth Twp.—L. Beebe, R.F.D., Tuckahoe.

May's Landing Local Directory.

Unity Lodge No. 36, F. & A. M. meets first Wednesday evening of the month, Barton A. Gaskill, W. M.; D. H. Hoover, Secretary.

Atlantic Lodge No. 50, I. O. O. F. meets every Friday evening, Walter Elsworth, Noble Grand; James E. Hoover, Secretary.

Narragansett Tribe No. 101, I. O. R. M. meets every Tuesday's eve, James Purdy, Sachem; Thompson G. Hoover, Secretary.

May's Landing Council No. 121, O. E. S. M. meets every Monday evening, William Morris, Counselor; H. W. Shiner, Secretary.

John W. Wells Circle, Brotherhood of America; meets every Wednesday evening; Edward Joslin, Chief Washington; Clarence Taylor, Scroll Keeper.

Camp No. 106, Patriotic Sons of America, meets every Thursday evening, Russell Peachey, President; Charles Mingin, Secretary.

Hamilton Township Road Overseers.

District No. 1, Gravelly Run, John Babcock.

District No. 2, May's Landing, John Smith.

District No. 3, Colquhoun, Christian Schrupp.

District No. 4, Weymouth, Fountain Gale.

District No. 5, Mispah, John Boddy.

District No. 6, In Coast, Otto Damigier.

WASHINGTON
The Heart of the Nation
BALTIMORE
The Monumental City
SUNDAY, APRIL 22, 1917
SPECIAL TRAIN LEAVES
May's Landing
Returning, leaves Washington 4:40 P. M.; Baltimore 6:55 P. M.
SEE FLYERS
CONSULT TICKET AGENTS
PENNSYLVANIA RAILROAD

FRED H. MANLEY
Plumbing, Tinning and Roofing
Heating
Stove and Range Repairs, Stove Pipe,
Pumps and Repairs, Well Drilling
JACKSON HOUSE BUILDING
MAIN STREET, MAY'S LANDING, N. J.

An Expert's Testimony
A telephone man—one whose twenty years of experience qualifies him to speak—has said that over half of the service difficulties of to-day would be prevented if persons would speak directly into the transmitter, with the lips half an inch from the mouth-piece, and speak slowly and distinctly in a moderate tone of voice, particularly when giving numbers to the operator.
The telephone mouthpiece has been designed to catch sound and convey it to the mechanism of the transmitter. The present shape has been determined to be the best; but the best is not sufficient if numbers are whispered or shouted, from lips a foot away or turned at right angles to the telephone.
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C. B. SMITH, District Manager.
ATLANTIC CITY, N. J.
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