ALFALFA IN MARYLAND.

BY W. T. L. TALIAFERRO.

Alfalfa as a Pasture.

Alfalfa should be fed as a hay or as a soiling crop. It is not, as a rule, wise to pasture it. When it is pastured the hoofs of the animals break off the buds and injure the crowns. This is especially the case when the ground and plants are frozen or when it is very dry. Alfalfa differs from most other plants in that when a stalk is cut off the remaining portion does not, as a rule, send up another shoot from below the injury but dies back to the crown, from which a new bud starts It is these young buds that are broken off by the trampling of stock.

Except for the damage to itself from the trampling it makes excellent pasturage for horses and hogs. At the Kansas Experiment Station it was calculated that an acre of good alfalfa pasture would produce from 500 to 1000 pounds of pork. For ruminant animals it makes an unsafe pasture. Sheep and cows turned on it are liable to eat too greedily and be attacked with bloat. They may, however, be pastured on it with little danger if gradually accustomed to it. A method in vogue in the West is to turn the cattle on to the alfalfa just after they have been full fed on some other feed. If allowed to remain then in the field constantly there will be no danger. Old fields on which the alfalfa has largely been replaced with blue grass make a safe, productive and nutritious pasture.

Alfalfa a Soiling Crop.

The most satisfactory way in which to feed alfalfa green is as a soiling crop, as which it has no superior in quantity and quality and time of service. For soiling, cutting may begin by the first week of May on fairly warm fertile soils and another cutting may be had thirty days later if the weather be not too dry. Under good conditions three or four cuttings a year may be looked for, making a total of fifteen to twenty tons of the finest green forage that can be grown—the most palatable to stock and the most nutritious. This green forage is equally good for horses at hard work as for dairy cows. Mr. S. S. Merritt, of Baltimore county, has for years been feeding his horses green alfalfa throughout the summer to the exclusion of other long forage, and reports that they do splendidly on it. Mr. Merritt operates a successful truck farm near Grange P. O. and raises the alfalfa just to furnish summer forage.

It is not well to depend entirely upon alfalfa for a succession of green forage during the summer, for in order to do that some of the crop must be allowed to remain too long uncut. This has an injurious effect on the following cuttings. For cows, especially, it is well to have crops of green corn to feed during the summer between the crops of alfalfa. The variety will be agreeable to them. On no account must an alfalfa crop, either for soiling or for hay, be allowed to go to seed or to stand after the leaves begin to yellow. The ripening of the seed so reduces the vitality of the plant that it is not apt to recover that season. The yellowing of the leaves is due to a disease which is liable to kill the plants if not checked by immediate mowing.

Alfalfa Hay.

For hay alfalfa must be cut when in early bloom. It is then in its best feeding condition and will recover readily for the next cutting. If the harvest be delayed the quality of the hay will not be so good and recovery will be slow and incomplete.

Wing makes a strong point of early mowing. When the crop is ready he says, especially if the leaves have begun to yellow, it must be cut promptly, even if the weather be so stormy that it is impossible to save the hay. It is better to lose that one mowing than to lose two or three later mowings or perhaps the entire field by waiting.

Alfalfa is liable to loss if not carefully handled. If put away before it is sufficiently dry it is liable to heat. If it gets too dry the leaves fall off and the feeding value is lessened. The best plan seems to be to mow in the morning after the dew is off. When the hay is wilted but not dry enough to drop the leaves, rake it up and let it cure in the windrows. If the weather seems stormy it may be put into cocks for the night and opened out the next morning. It is important that the hay be handled as little as possible to avoid loss of the leaves, which come off readily when dry. Alfalfa hay is easily injured by wet, losing as much as half its feeding value when exposed to one or two rains. Like clover hay it does not turn water readily and should be put under cover, or if required to be stacked the stacks should be topped with straw. It is recommended by some growers to pack alfalfa hay in the mows in alternate layers with wheat straw. It is claimed that this prevents heating and that the straw becomes so strongly flavored that the stock eat it as greedily as they do the true hay.

Feeding Value of Alfalfa.

Alfalfa belongs to that class of feeds which are especially rich in the proteids, or muscle and cheese making elements. It is not a perfect food for it lacks the proper amount of the carbonaceous or heat and fat making materials. These latter are, however, most abundantly supplied by corn products, and it is in connection with that crop that alfalfa finds its greatest usefulness. Director Jordan, of the New York Experiment Station, says in his work, "The Feeding of Animals," that "probably no species of forage plants are known that are more economical sources of high class cattle food than alfalfa and maize." Fortunate is the farmer who can grow both of these crops. For him the problem of balanced rations is of easy solution at a minimum of cost. No portion of this country is better adapted than Maryland to the production of corn and if the growing of alfalfa can be made general there is indeed a bright future before the live stock industry and all that it implies in this State.

FIGHT FOR NIAGARA POWER.

Canadian Towns About Toronto Want a Share Of it.

Niagara's great water power will be the stakes in what promises to be a strong and sharp battle between companies and municipalities in Canada for control of it. Great manufacturing establishments are already located on the American side of the river, operated by Niagara power, but so far the Canadian side is silent.

Joint operation of an electric power scheme is the latest development of the municipal co-operation idea in Canada. The civic authorities of Toronto, Ontario, have a committee on Niagara power at work. All the important municipalities within a radius of 100 miles of Toronto are being interested in the scheme and will demand of the Ontario Legislature at its approaching session a power concession at the falls.

It is pointed out that San Francisco is using power generated at a waterfall 220 miles distant, yet none of the many manufacturing centers in Ontario, from Toranto west, is more than 150 miles distant from Niagara.

At present steam-produced electric power in Toronto costs from $40 to $60 a horse-power a year, supplied at limited number of hours a day, while, according to the estimate of a competent engineer acting for the municipalities, water-produced power as projected will cost only $15 a horsepower supplied continuously.

The idea of the municipalities is to string big trunk cables from Niagara Falls east as far as London, Ontario, and supply power to all factories along the route. It is claimed that Niagara Falls would be to Western Ontario what coal has been to England, and would make the Niagara area one of the leading manufacturing centers of the world.

James T. Mullin & Sons.

Money Savers

all over the store. We are fast cleaning up Winter stock. Buy now even for next season. as you will save big money. ½ price Suits and Overcoats, $5, $6 and $7.50, worth double or more. ¼ off our finest Suits and Overcoats. Suits now $8 to $15; Overcoats $9 to $28. Bargains in heavy Underwear and Colored Shirts. Cut prices on Shoes and Tailoring. All-Wool Trousers from ends at $3.50 to clean up. New Spring Hats and Neckwear now ready, first signs of Spring. Full Dress. Prince Albert and Black Suits for dress and best wear.

JAS. T. MULLIN & SONS,
Wilmington.

A Friend Indeed.

We never forget a benefactor or a Doctor who brings us from the pit of of the grave. Why should we? Gratitude is one of the noblest of the graces. Do you think Mrs. Whitely, Montpelier, Ind., will ever forget Victor Liver Syrup? She says "After spending One Hundred and Fifty Dollars with Doctors and patent medicines I was cured of a bad case of Liver Complaint and Female Trouble by using only 2 bottles of Victor Liver Syrup. So little, yet so valuable for health. Sold everywhere.

JOHN W. STARTT,
SPECIAL REPRESENTATIVE.

CAN RELY ON RESULT.

Nurseries Whose Stock is Just as Represented and Whose Methods are Prompt and Honorable.

The Western Trade Journal, Chicago says: Those of our readers who may have been disapointed in their expectations regarding stock ordered of irresponsible nurseries, and who realize that the best only is good enough in this line, will thank us for calling attention to this trustworthy establishment, whose goods we have found to be identically as represented. It is worthy the patronage of all those who value truthful methods and honest representations and who would avoid doubtful results.

There is more than the mere money expended to be considered in making choice and purchasing of nursery stock, for it is always too late for correction after imposition is discovered, and unless a responsible house such as this is selected there is no certainly that another year's time has not been lost as well as the money expended thrown away. Hence the necessity of being right before going ahead.

We write only after thorough investigation when we say that the reader is perfectly safe in dealing with these nurseries, for during twenty one years of journalism we have never come upon more pronounced worth. The stock is first-class in every particular, prices are reasonable and fair dealing characterized all transactions. An immense stock and extensive variety to select from is offered, and as the goods are carefully packed and delivered in excellent condition, those who order once become permanent customers.

The R. G. Chase Co. make a special study of varieties adapted to the various sections in which they do business. This point is worthy of closest attention, for a variety that is valuable in New England may be worthless in the South and one especially suited to the southern latitudes may be unfit for the North. This strong point added to the many desirable features enumerated render it desirable to order goods of this sterling high grade nursery company.

Mr. John W. Startt represents the above firm and will be glad to correspond or call upon any who may need trees or nursery stock of any kind. He has had a long experience of more than twenty years and can render you valuable assistance in making selections. This firm took medals at Paris Exposition, Philadelphia and a number of other places. j24 2mos.*

Pure Borax.

Albatross Brand.

Has no equal for preserving meat and preventing skippers.

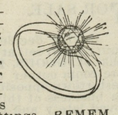
—For Sale Exclusively by—

THE STAM DRUG CO.,
CHESTERTOWN, MD.

Goods That Please
The Hard-To-Please

Our stock of Jewelry, Silverware, Clocks and Watches can't be beaten. Call and see our goods.

☞We do good REPAIR WORK at low prices.



We have just received a large consignment of the newest ideas in RINGS:—Plain and Fancy gold rings, diamond, pearl, turquoise, opal, amethyst, ruby, emerald, topaz and garnet rings, and rings with combination Settings. REMEMBER THE STORE IS

A. LEVINE,
Jeweler, Optician
CHESTERTOWN, MD.

CARD OF THANKS.

The undersigned, having sold his Wire and Wire Fence business to the firm of DAVIS & McINTYRE, of Chestertown, Md., herewith tenders his hearty and sincere thanks to his many customers for their very liberal support in the past and bespeaks a trusty continuance in that line to the new firm, both of whom are gentlemen and worthy of your patronage.

Jan. 31, 1903. JOSEPH GUEST.

ANNOUNCEMENT.—The undersigned will continue in the Roofing Business and offers Ruberoid, Felt and Galvanized Steel Roofing for sale, and will carry a full stock of Carrara House Paints, the best paint now on the market. While it costs a little more per gallon it will cost less per house, as its covering capacity is far greater than the very best lead and oil paints. It will not blister, crack, chalk, peel or fade, holds color and gloss, and outwears the best of lead paints. Is not affected by gases, grease, acids, salt or changes in temperature. Color cards and prices gladly sent on application by

JOSEPH GUEST,
j31-tf. Chestertown, Md.

CASTORIA.
Bears the Signature of Chas. H. Fletcher. The Kind You Have Always Bought

NOTICE THIS!

Every year at this time we clear up stock. Left-over goods are cut in price to make room for new goods coming in.

It is better for us to take a substantial loss on some goods rather than carry them over to another season. OUR LOSS IS YOUR GAIN.

Many Desirable, Good Shoes
** Here at a Big Reduction **

Our New Styles of SPRING AND SUMMER SHOES will soon be here. More about them later.

Remember that we give away free every one hundredth pair. The following are some of the customers who have been given Shoes under this plan since December 2d, 1902:

Miss Hope Wallis, Worton	$2.00 pair	W. E. Hudson, Town Officer	$3.00 pair
Etta Freeman, col'd, Melitota	1.00 pair	Robt. Gaynor, col'd, Big Woods	.50 pair
M. deK. Smith, town	1.00 pair	Mrs. Dr. Hessey, Hanesville	.40 pair
Mrs. Hartley, Crumpton	3.00 pair	Walter T. Pippin, Town	1.25 pair
H. C. Robinson, Rich Neck, Q. A.	1.38 pair	Mrs. Thos. Vandyke, Kennedyville	.75 pair
Mrs W. E. Brown, Quaker Neck	.90 pair	And others.	

T. G. WROTH,
Under Stam's Hall. The Shoe Man
CHESTERTOWN, MD.

Carfare To Philadelphia

We bring Philadelphia and its best Clothing Store to your very doors.

This is How:

You pay excursion, railroad or trolley fare. Come to our stores buy your Clothes, your boy's, your girl's, your wife's. Same price to everybody. Show your railroad ticket for fare paid. We pay you exactly its cost if you buy a certain amount. How much? Can't tell—depends upon your carfare.

Wanamaker & Brown,
Oak Hall,
Sixth and Market Sts.
Philadelphia.

Outfitters to Men, Women, Boys and Girls.

FEBRUARY BARGAINS!

Men' Heavy Top Shirts, all wool, we sold for 75c, now 49c
Men's Top Shirts we sold for 50c, now for only 35c
Men's All Wool Under Shirts we sold for 1.25, now 75c
Men's Heavy Fleeced Lined Under Shirts we sold for 50c, now 35c
Men's Fleeced Cotton Under Shirts was a bargain for 50c, now 15c
Boys' Fleeced Lined Under Shirts, all sizes 15c
Boys' Heavy Cotton Sweaters well worth 50c a piece, now 25c
Boys' All Wool Suits, was selling at $3, now $2.00
Boys' $2.00 and $1.50 Suits now selling at 90c
Misses Fine Trimmed Coats ..... 75c to 90c
Ladies' Wool Skirts 19c
Heavy Wool 11x4 Blankets 71c
Heavy Wool 10x4 Blankets 49c
Comforts 49c
Good Heavy Outing that was selling at 10c yard, now ..... 7½c by the piece
33 Different Patterns Flannelette was a bargain at 12½c, now 7½c
A Very Fine Dress Goods, was selling at 12c and 15c, now 7½c

Carpet Bargains

All Wool Carpet, very fine patterns, was a bargain at 59c per yd. now 29c
A Good Heavy Ingrain Carpet was a bargain at 25c, now 19c
A Very Heavy Rag Carpet, the heaviest made 19c
Floor Oil Cloth 1 yd., 1¼ yd., ½ yd. and 2 yds. wide of different styles 21c
Stair Oil Cloth 10c

SHOES.

Women's Storm Rubber Shoes 29c
Men's Artic Rubber Shoes 95c

GROCERIES.

We still are the leaders of cheap groceries, such as
American Granulated Sugar ..... 5c lb
Levering Coffee, always fresh 9c
English Breakfast Tea, sells everywhere for 50c lb., we sell it this month 25c
Grated Cocoanut, per packages 3½c
Seedless Raisons per lb. package 7½c
1 Pound Package Dates 5c
Hand Picked Corn field Beans, pt 4c
Lima Beans, very clean and nice ..... 5½c lb
Cod Fish ..... 4c lb
Smoked Bloater Herrings ..... 1½ a piece
Sea Gull Yeast Powder ..... 4c bottle
Magnolia Soap, 5c bars, very large 3½c
Quaker Rolled Oats, pckge 4½c
1 Dozen Boxes Globe Matches, best made 8c

We take all kinds of Poultry, especially Ducks, live, for which will pay 12 cents cash.

Abe Cohen,

A Clothing Sale!

—OF THE GREATEST AT THE—

Chestertown Bargain House.

Men's, Boys' and Children's CLOTHING AND OVERCOATS at a saving of 20 to 40 cents on the Dollar. That means to clear the store of all our Clothing and Overcoats, Men's Pants and Underwear.

MEN'S SHIRTS, Heavy Fleeced, at ..... 39c. Up
MEN'S SUITS, from ..... $2.00 Up
MEN'S OVERCOATS ..... 2.79 Up
BOYS' SUITS ..... 2.39 Up
CHILDREN'S SUITS ..... 89c. Up

SPECIAL SALES in Ladies Coats and Skirts and Millinery at 60 cents on the Dollar. Now is the time to buy Bargains. Come and see for yourself the Bargains. The object is to clear the room of all Winter Suits and Overcoats, to make room for our large Spring Stock.

SHOES AND BOOTS at 25 cents on the Dollar. A Good Pair Boots for $1.25. Come at once for the Bargains at the CHESTERTOWN BARGAIN HOUSE.

A. BLUM.
Next door to J. S. Bradley's Grocery, CHESTERTOWN, MD.

R. F. PARKS & SON.

1903. 1903.

February Clearing Sale

Facts worth knowing:

Prices down
Values up

This declaration is simple but true. February 16 we start the Ball rolling.

NOTE THE OFFERINGS:

6¾c buys 7, 8 and 9c 4-4 Blch'd Muslin Remnants.

10c buys 12½c Light or Dark Percales, in Remnants.

4½c buys 6c Apron Gingham, in Remnants.

5c buys Child's Merino Pants and Vests, 16 to 20.

12½c buys Misses Double Heel and Toe Hose, 5 to 9½; value 15 and 18c.

Horse Blankets, Carriage Robes,
Special Discount off for CASH.

Bed Spreads, Bed Blankets,
White and Colored, to go at a Discount.

27½c. per yard. Remnants of English LINOLEUM, 1 and 2 yards, worth 40 and 50c per yard.

10c buys Choice of Patterns. 500 to 1000 yards HAMBURG EDGINGS, ranging in value from 10 to 30c yd.

Only 6¼c. 300 yards TORCHON LACE, value 8 and 10c per yard; 6¼c per yd. buys your choice of Patterns.

Choice Selections in New Percale, Madras, Gingham, White Goods, etc., 50c.

Bargains in Shoes for the month.

Only 50c. 120 pairs WOMEN'S SHOES, any pair of the lot worth $2.00 to $3.00, per pair 50c.

Only $1.00. 10 dozen pairs MEN'S SHOES—some worth twice the money—any pair of the lot goes for only $1.

Only 25c. pair. 60 pairs of RUBBERS, Men's and Women's, some with pointed toes, of best makes, Boston goods.

Only $1.25. Best PLOW BRIDLE on the Shore. Examine it and be convinced.

Wagon Harness, Carriage Harness Dearborn Harness.

ALL SPECIAL BARGAINS.

$10 Our CARRIAGE HARNESS is special good value and can't be beaten. $10

CLOVER, TIMOTHY AND ORCHARD SEEDS

☞No Discount Stamps with Clover, Timothy and Orchard Grass Seed, but with all other cash purchases of merchandise.

Yours very respectfully,

R. F. PARKS & SON

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