BY W. T. L. TALIAFERRO.

The proper use of alfalfa in the feeding ration will be best understood by a study of the following figures, showing most developed because the soil here is the number of pounds of dry matter and of digestible food constituents in one hundred pounds of alfalfa and several common feeds. They are taken from the Year Book of the U.S. Department of Agriculture for the year 1895:

GREEN MATERIALS.	Matter	rotein	Carbohydrates.	
Alfalfa	28.2	3.89	11.20	.41
	16.4	1.68	8.08	.25
Crimson Clover	19.3	2.16	9.31	.44
Red Clover	29.2	3.07	14 82	.69
Corn Forage	20.7	1.10	12.08	.37
Corn Silage	20 9	.55	11.79	.65
Rye Forage	23.4	2.05	14 11	.44
Kentucky Blue Grass.	34.9	3.01	19.83	.83
Hay from:				
Alfalfa	91.6	10.58	37.33	1 38
Cow Peas	89.3	10.79	38.40	1.51
Red Clover	84.7	6.58	35.35	1.66
Timothy	86.8	2.89	43.72	1.43
Corn Stover	59.5	1.98	33.16	.57
Concentrates:			11 00	0.00
Wheat Bran	88.5	12.01	41.23	2.87
Corn and Cob Meal	84.9	6.46	56 28	2.87
Corn Meal	85.0	7.01	65.20	3,25
Cottonseed Meal	918	37.01	16.52	12.58
Hominy Chop	88.9	7.45	55.24	6.81
Oats	89.0	9.25	48.34	4.18

dairy feeding. It will be observed that deeper than the northern and western desirable to order goods of this sterling hig the greater the amount of alfalfa in soils and though differing considerably mr. John W. Startt represents the above them the less is the amount of pur- among themselves in physical character- firm and will be glad to correspond or call chased protein in the shape of nitroge- istics, contain more sand and gravel, the upon any who may need trees or nursery nous by-products:

dairy cows weighing 1000 pounds, and State that alfalfa will probably find its selections. This firm took medals at Paris

Chops, 12 lbs. 8 lbs., Corn Fodder, 5 lbs.

7 lbs, Corn Silage. 20 lbs. No.5-Alfalfa hay, 12 lbs., Corn silage, 40 lbs., Corn chop, 5 lbs., Cotton seed One feature, of special advantage, is meal, 1 lb., Gluten meal, 1 lb.

11 lbs., Cotton seed meal, 1 lb.

silage, 40 lbs.

Growing Alfalfa in Maryland. and in such widely separated localities as to show clearly that the successful rowing of alfalfa in this State is mainly are in every county in Maryland thous- grade. ands of acres which might be and ultimately will be put into alfalfa.

die for lack of moisture.

root cannot penetrate the rock. It will farmer. not go into the water or beyond the reach of fresh supplies of air, and so it splits up, the plant trying to some extent to assume the habits of those that tion supported by voluntary contribution with combination Settings. REMEM are native to such environment. The will be given a liberal quanity of the consequence is obvious. The native Longman & Martinez Pure Paints whenplants are more vigorous and the alfalfa ever they paint. is killed. A common report made by Note: Have done so for twentythe alfalfa experimenters of last season seven years. Sales: Tens of millions | Jeweler, Optician was that the alfalfa came up well and of gallons; painted nearly two million grew beautifully till the rains came on, houses under guarantee to repaint if

to alfalfa the more necessary it is to Oil must be added to the paint. (done NOTICE. have it free of weed seed when the in two minutes). Actual cost then about

alfalfa is sown. The State of Maryland is divided by our Agents. a line running approximately with the Baltimore and Ohio Railroad, into distinct agricultural sections. North and west of that line the soils are underlaid with the rock from which they are formed and change in character with it. As a rule they are of finer texture and contain more clay than the soils of the the way to old age. All they need is the southern and eastern sections, and are system and blood cleansed occasionally. hence better adapted to the growth of blue grass and surface-feeding crops.

In this section of the state there are

Very many aged people bear witness that Victor Liver Syrup not only preserve and prolongs life, but makes the old feel REIGHT HOME. undoubtedly areas where alfalfa cannot be grown because of the too dense character of the soil and because of the underlying rock being too close to the surface. There are, however, large portions of it derived from coarse

and prolongs me, but makes the old feel young. Also it has cured cases already young by the best medical talent. Says given up by the best medical talent. Says of the underlying rock being too close to the surface. There are, however, large portions of it derived from coarse

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Bright, Honest Boy, of good appearance, 15 or 16 years old, to learn Periodical and Newspaper business. A rare opportunity for energetic boy and permanent. Further apply to Kent News Office, or address J. HARRY USILTON, for the alth, when all Doctors failed." Call upon your Druggist for it.

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home. This is especially true of the so-called isinglass soils, which are not only of good physical condition but are rich in potash, which alfalfa particularly Nurseries Whose Stock is Just as Redemands. It is in this part of the state that the live stock interests have been better adapted to hay and pasture grasses, but under present intensive

lessening importance and soiling is tak- stock ordered of irresponsible nurseries, and ing its place. There is no crop which who realize that the best only is good enough equals alfalfa for this purpose and our in this line, will thank us for calling attention farmers of the northern and western to this trustworthy establishment, whose counties should promptly find out by represented. It is worthy the patronage of observation and experiment which of all those who value truthful methods and their lands are adapted to this crop and honest representations and who would avoid at once begin its cultivation on as large doubtful results. a scale as possible. This is necessary if pen they would hold their own in competition with the West, and possibly, at a tion future day, with other portions of their certainly that another year's time has n own State. It is gratifying to know that been lost as well as the money expended the here. More about them later.

southern Maryland and the Eastern varieties adapted to the various sections in

No. 1—Green Alfalfa, 50 lbs., Corn ultimately most extensively used. There other places. are portions which are flat and lack No. 2—Alfalfa hay, 18 lbs., Corn Chop, drainage, but with these exceptions No. 3-Alfalfa hay, 17 lbs., Corn Chops, there seems to be no good reason why No. 3—Alfalfa hay, 17 lbs., Corn Chops, it should not be grown throughout the * PIIIC

No. 4—Alfalfa hay, 18 lbs., Corn Chops, whole of Southern Maryland and the * Eastern Shore.

the fact that large areas of these sec. No. 6-Alfalfa hay, 12 lbs., Corn silage, tions are underlaid with marl. In 80 lbs., Corn chop, 6 lbs., Gluten feed, many places this is at or near the sur-No. 7-Alfalfa hay, 12 lbs., Corn silage, face, forming a calcareous soil which is 35 lbs., Corn chop, 6 lbs, Cotton seed particularly favorable to a heavy growth

No. 8—Alfalfa hay, 12 lbs., Corn silage, 20 lbs., Corn chop, 9 lbs., Wheat bran, lbs. Cotton cood words. When the marl is not **

11 lbs. Cotton cood words. the farm and spread on the land at a No. 9-Alfalfa hay, 10 lbs., Corn silage, trifling cost. Southern Maryland is es-40 lbs., Corn fodder, 5 lbs., Hominy pecially rich in these marl deposits. chop, 4 lbs., Cotton seed meal, 2 lbs.

No. 10—Alfalfa hay, 15 lbs., Timothy

The future for alfalfa in this portion of hay, 5 lbs., Corn chop, 5 lbs., Oats, 4 lbs. the State is bright indeed, and with its * preserving No. 11-Alfalfa hay, 20 lbs., Corn general introduction will come a new era of prosperity for the "lower counties." Stock farming would take the Numerous attempts have been made place of tobacco farming. The fertilizin recent years to grow alfalfa in Mary- ing elements of the soil would be conland. For the most part these efforts centrated at home instead of being have been failures and the impression shipped abroad. Larger crops would be has been pretty generally formed that raised. Soil improvement would take our soil and climate are not adapted to the place of soil exhaustion. Worn out its growth. Some of the efforts have, farms would be restored to their origgrowing of alfalfa in this State is mainly now encumber such large tracts. One a question of local soil selection. There effect of far reaching importance would is no doubt but that with more experi- be the substitution of a permanent edge of the conditions it requires there present intermittent demand for low The counties which are generally Freezerezere

recognized as being the most prosperous The long tap root of the plant indicates its natural adaptation to a loose Report, contain the greatest quantity of textured, deep soil, free from standing live stock. The counties of southern water and affording an abundant supply | Maryland have but to make use of the of air for root breathing. In such a soil opportunity which now presents itself, the long roots penetrate to and draw and those practicability has been upon supplies of food and water quite demonstrated beyond peradventure, to beyond the reach of other plants so that become as noted for fine stock as they it grows and flourishes in hot, dry times have been for fine tobacco. The demand where less deeply rooted crops suffer or for animal products is increasing every to can't be beaten. Call and year and the West cannot now supply | see our goods. On the other hand, where the rock it. Never were prospects so bright for it comes close to the surface, or the water the eastern stockman. But if in stock table stands but a short distance below, raising corn is king, alfalfa must be or where the soil is so dense the air considered queen. It is under their moves through it with difficulty, the joint rule that prosperity most surely be signment of the new alfalfa is at a disadvantage. Its tap awaits the progressive and thrifty

then the weeds got ahead and killed it. not satisfactory: The paint wears for The less adapted the soil is naturally periods up to eighteen years. Linseed

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instance or that of the Station are al have never come upon more pronounced

Shore, the soils are of a different char- of closest attention, for a variety that is From this table the following rations acter. They were formed of material valuable in New England may be worthless have been calculated as illustrating the transported from higher levels by the southern latitudes may be unfit for the Under Stam's Hall. way in which alfalfa may be used in action of water. They are consequently desirable features enumerated render it

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already many of the progressive farmers of this section have turned their attention to alfalfa and either at their own tion to alfalfa and either at their own to alfalfa and either at their o Remember that we give away free every one hundredth pair. true. February 16 we start

To the south and east of the Baltimore and Ohio railroad, comprising more carefully packed and extensive variety to select from is stock and extensive variety to select from is stock and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from is successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its successfully packed and extensive variety to select from its succes

T. G. WROTH,

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chased protein in the shape of nitrogeness of nitro in full flow of milk. The local favorable environment and be environment and be other places. The best Clothing Store to your very doors. Store to your very doors.

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MEN'S SHIRTS, Heavy Fleeced, at......39c. Up MEN'S SUITS, from MEN'S OVERCOATS..... BOYS' SUITS.....

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 No Discount Stamps with Clover, lress: ROBERT OREM, Winter Suits and Overcoats, to make room for our large Spring Stock. With all other cash purchases of mer-SHOES AND BOOTS at 25 cents on the Dollar. A Good Pair chandise. Boots for \$1.25. Come at once for the Bargains at the CHESTER-

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