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TRAVELER'S GUIDE.

RELLEFONTE & SNOW SHOE

BALD EAGLE VALLEY RAIL

PENN	S 1 1	LVANIA KAILI phia and Eric Division.)	-0	n n	111
after October		1882:			
		WESTWARD.			
ERIE MAIL	long	es Philadelphia	11	20 p	11
41	16	Harrisburg	4	20 a	1
44	4.6	Williamsport		401 B	1
41	4.4	Lock Haven	9	40 a	11
4.0	4.6	Renovo	11	05 B	
ii ar	rives	at Erie	7	45 p	
		ESS leaves Philadelphia		20 a	
111111111111111111111111111111111111111		" Harrisburg	11	SUA	1
4.1		· Williamsport.		50 p	
4.6		arrives at Renovo		45 p	
Passengers !	v th	is train arrive in Belle-		,	
				10 p	1
		s Philadelphia	11	05 B	1
44		Harrisburg		25 p	1
**	4.1	Williamsport	7	15 p	1
** 0.7	rives	at Lock liaven	8	15 p	:
		EASTWARD.			
DACTETORY	CPRE	SS leaves Lock Haven	6	40 a	,
PACIFICA		" Williamsport		55 m	
4.6		arrives at Harrisburg		55 a	
44		" Philadelphia		45 p	
DAY EYER	REEL	eaves Echove			
DALESTI	tan o	" Lock Haven		20 a	
11		" Williamsport		40 a	
++	arri	ves at Harrisburg		10 p	
4.6		" Philadelphia		20 p	
		D			



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AGENTS WANTED. Laboratory 77 W. 3d St., New York City. Druggists sell it.

SYMPTOMS OF TORPID LIVER.









The Centre Democrat.

BELLEFONTE, PA AGRICULTURAL.

NEWS, FACTS AND SUGGESTIONS.

Every former in his annual experience discovers something of value. Write it and send it to the "Agricultural Editor of the Demourat, Bellefonte, Fenn'u," that other farmers may have the benefit of it. Let communications be included.

State Experimental Farm has this too fat to become sure breeders. year planted 140 varieties of corn When this is the case they should be a business of uncertain meagre profit estly hopes by fall to know some duce their weight. The use of valu- crative profit. thing on this subject.

daily over the floor of the hen house filled with fat. Such ewes are valu- duce a heavier and cheaper cultivated will absorb foul odors, and by fall able; their inclination to take on fat crop than will untiled land under the the whole mass may be worked fine readily is a good point but requires most favorable season that may hapand applied to the wheat. It will guarding that it may not impair pen, why delay to adopt it? Exbeat any of the "phosphates," and their prolificacy. cost less.

are more important than any crop The almost universal low character for the season will repay the entire that can be grown under them. If of the seed, coupled with late plant cost of thoroughly tiling a tract of they are not cut, them down. The ing caused by the continuous rains land, thereafter a permanent investhills of potatoes or beans close to of early spring has caused a light vestment is more lucrative than that the trees never amount to much, and stand everywhere. We have observ- for the farmer? it is not worth while trying to save ed but few, if any fields in which them at the risk of injuring the trees. there is not a large proportion of

seeding and harvesting, and many a but continuous heavy rains have far as his experiments have extended: bushel of cow and sheep feed may be grown which will be worth very much that this has so far been impossible. more than its cost when you come to while for the same cause the weeds feed it out next spring.

place in a tight vessel, with a little the entire season. pulverized camphor to kill 'the bugs. Plenty of good seed will be most likely to secure an abundance of this American Collis is a matter to look after now.

easy job if your hoe is, as it should weeds, instead of weeds getting ahead be, kept sharp with a file.

IT is now too late to save the currants from the worms for this season, but those whose bushes are now but bunches of bare stalks will be profited by putting the following where it will attract attention about the first of next May: "The eggs from flooding or excessive rains.

2. It enables one to work land the young leaves, near the root of sconer after rains-almost immedithe plant, early in the season. The ately, where there is a network of tile. larve first eas through the young 3. It is equally as good a protections and then ascend the bush. If white hellebore be applied to the sive drought-in several ways. young lower leaves as soon as the them, the bushes will probably be off the effects of cold weather longer spared. If poultry be fed among the in the fall. currant bushes they will usually de- lessens its cooling by evaporation.

THE American Cultivator says "The damp has its vitality entirely de- tains. stroyed." The obvious lesson to be lect your seed corn early, and dry it thoroughly and promptly. We intend open and porous for passage of air. to repeat this several times between this and corn-cutting. This is a season well calculated to illustrate the crops. "Advantages of Tile Draining, and the article under this heading, to be found in another column will prove interesting reading during some of the very frequent showers with which we are being visited. We shall supplement it, in a week or two, with a N. Y., giving very convincing state. to the plants. ments.

ARRANGEMENTS for next year's erop of lambs must soon be made, also improved. and it is not too early now to begin thinking up the subject. First secure a good, vigorous young buck of rains in hot weather. If the object pe chiefly mutton the less liable to injury from the tread- put them carefully away.

Southdown cannot well be improved ing of cattle. upon. Then let him be treated with sense and discretion, exacting or perforethought regarding the ewes too, will be of advantage. Ewes will less effort. Dr. Sturtevant at the New York failed to breed are liable to become undrained lands, able ewes is sometimes lost for a year Finally, when we reflect that land

In coltivating orehards the trees in our county is by no means bright. tiling, and that the increased profit Don't fail to sow turnip seed in the damp, rich spots in the cornfield the loss from this source could be tion Bulletin of June 23, relates to and grass have been given such en-Save the earliest and best peas for couragement and start as will make grass. This survived the winter well, seed. As soon as hulled and dried them formidable opponents during and started into an early and vigor-

Advantages of Tile Drainage.

delicious early vegetable, and it can is being very generally adopted by be secured most cheaply and in best many of the progressive and enter. pasture seeding.

This many of the progressive and enter. This many of the progressive and enter. The first condition by saving it at home. This prising farmers of some of the older settled Western States. Its advantoliage. After being cut, the after-Now that the strawberry bed has tages in a wet season like the present math superior to the first growth. served its season do not neglect it are most apparent. The farmer can, Survived the winter and started meunless you have a new one started. by a judicious system of drainage In either case give frequent and good and thorough tillage on his rich bot- mixtures than as a cultivated grass. cultivation. Work in old fine ma- tom lands, easily protect his business nure with a little bone dust added, if from either extreme, wet or drought, grass, not prepossessing in appearyou can get it. Keep the runners and he can make his soil warmer, his closely cut off, and look for your re- crop-growing season longer; he can It is an annual. In 1883 the plant ward next June. By the way, cut- arrange to work his ground quicker was found re-seeded from the drop-

of him, thereby keeping his growing crop clean easier and with less labor, of grass. profits.

The advantages of tile drainage are thus summed up in an exchange habit to the stools. This first year by an Illinois farmer:

4. It lengthens the season for larvæ begins to eat holes through the soil earlier in spring, and keeping

5. It deepens the surface soil and

6. It prevents surface washing by drawing the water down through the soil as fast as it falls (eventually), experience of many farmers this year thereby also securing the benefit of show that corn frozen solid while yet whatever fertilizing material it con-

7. It enables the soil also to relearned from this experience is: Select your seed corn early, and dry it is acid and ammonia), because more

8. It promotes fine tilth by rendering the soil more friable, and becomes mellow as a garden bed for

b. It diminishes evaporation, thus raising the temperature of the soil, and warms the lower portions of the

10. It prevents the heaving out of grain, lessening the chance of Winter

11. It prevents land from becoming sour, and replaces stagnant wadescription of a well drained farm in ter with life-giving air and warmth

> tion by which the constituents of the soil are prepared for plant food, and by which its mechanical texture is

13. It lessens the formation of a hurtful crust on the surface after affords.

14. It facilitates the hauling of

15. It facilitates the destruction of weeds, because the soil, becoming more friable, does not cling in a mass mitting only so much service as will to their roots when torn up in cultiaccomplish the desired end. A little vation, and the soil is worked easier

16. It preserves a more equal deproduce larger and better lambs if gree of moisture in the soil under they are in good, plump condition all circumstances, since it not only at the time of coupling. If not in renders its saturation with water imfair condition they should be gaining dition of pulverization that in times and kept improving until they reach of draught it absorbs moisture by the desired condition; they will not capillary attraction from the air thus breed well when loaded with fat.

Those having lost their lambs or failed to breed are lighter to breed are lighter to breed and baked as in the case of

17. It removes all malaria.

under varying conditions. He mod- placed on short pasture so as to re- to one of absolutely certain and lu-

A shovelful of dry earth thrown or two by allowing them to become thoroughly tiled will every year properience has shown that twenty-five THE promise for a full corn crop alized in judicious expenditure for

Some Notes on the Grasses,

the damp, rich spots in the cornfield adapted to this growth. There will made good by thorough cultivation some of the more common grasses. be absolutely no expense except the seeding and harvesting and many a

Last year, soon after taking possession of the Station, we planted plats with grass in drills eighteen inches apart, and since then we have made the following notes: Orchard ous growth, being exceeded, however, in earliness, vigor and amount of early foliage by the Meadow Foxtail. Its habit of growth seems to unfit it for use as a cultivated grass, while A system of thorough tile drainage | yet it possesses its adaptations, which would recommend it, as a mixture in

year a rather coarse grass, with scant dium early this spring. Its adaptations seem rather for use in pasture-

Rescue Grass. A coarse, vigorous ance as compared with other grasses, at furnishing considerable fodder. ting the runners is a very simple and after rains, and get ahead of the pings of the late seeds, but the rowth this year has been slow. It cems to possess but little usefulness n the presence of our better varieties

which means cheaper—that is, bigger tity of short herbage the first year from seed. Its succulency retained well into the autumn, but a bunching

indicating value as a pasture grass.
It came through the winter well,
and the second year's growth but emphasizes our previous remarks. Meadow Foxtail. Although tall

and moderately leafy it yet seems light in proportion to its bulk. It would seem to be a valuable grass for early pasture, while its aftermath, being superior to its spring growth, recommends it still more highly. The growing of grasses upo

small scale and without mixture affords insufficient date for the formation of an accurate judgment concerning values, and notes must be supplemented through the experience gained from watching the species as growing in nature and under cultiva-tion. The crowding of grasses seems to diminish the tufting of those species which have a tendency thereto, but yet, as a matter of common observation, the non tufting species of grasses have ever been more popular for the purpose of cultivation than those which form tussocks. The value of a grass for cultiva-

tion seems to depend upon the foliage and upon the roots. To secure the greatest economy, species of grasses that root within different areas of soil should be grown in common, especially for pasture use. The June grass is able to withstand severe drought, on account of, its deeprooting habit. The Timothy grass seems only to be grown successfully by itself in rotation with wheat, upon our richer soils, as its roots occupy nearly the same area as do the roots of the wheat plant. If a section be cut through rich, natural pasture, and the plants growing thereos be studied, it will be found that many species of plants are crowding each other.

THERE is no need of seeking for a wider or deeper field of intellectual culture than a well-directed farm life-

AFTER you have done with haywhich ever breed you most approve. loads over the field, and renders land making and harvesting implments.