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TRAVELER'S GUIDE.

BELLEFONTE & SNOW SHOE R. R.—Time-Table in effect on and after March 1, 1882. Leaves Snow Shoe 5:30 A. M., arrives in Bellefonte 7:24 A. M.

BALD EAGLE VALLEY RAILROAD.—Time-Table, April 23, 1880. Exp. Mail. WESTWARD. EASTWARD. Exp. Mail. A. M. P. M. A. M. P. M.

PENNSYLVANIA RAILROAD.

(Philadelphia and Erie Division.)—On and after December 12, 1877. WESTWARD. ERIE MAIL leaves Philadelphia... 11:55 p.m.

Sines Syrup of Wild Cherry and Horehound for Coughs & Colds. JOHN HARRIS, SOLE AGENT, BELLEFONTE, PA. MONEY TO LOAN at 6 per Cent. BY THE MUTUAL LIFE INSURANCE CO. OF NEW YORK.

The Centre Democrat.

BELLEFONTE, PA. AGRICULTURAL. NEWS, FACTS AND SUGGESTIONS.

THE TEST OF THE NATIONAL WELFARE IS THE INTELLIGENCE AND PROSPERITY OF THE FARMER.

Every farmer in his annual experience discovers something of value. Write it and send it to the "Agricultural Editor of the DEMOCRAT, Bellefonte, Penn'a."

Advantages of Stirring the Soil After Showers and Before it Hardens.

Farmers do not always form a proper estimate of the advantages of stirring the soil after showers before it hardens.

It is a great saving of time, labor, patience, wear and tear. The weeds are killed or kept down before they make much growth.

After showers there is generally a pleasant coolness, and the men and teams do more and better work.

Some Neglected Extras.

It is a well known fact that the majority of farmers who attend the markets in our large cities rarely offer anything for sale.

It is a well known fact that the majority of farmers who attend the markets in our large cities rarely offer anything for sale excepting the usual staple articles—butter, poultry, eggs, and maybe a few apples.

What is Mulching?

Having used the term Mulch for these many years, we were desirous of learning its origin, and after much search through encyclopedias and dictionaries, find it is derived from the Hebrew word for partly rotten straw.

evaporation. We once visited a place upon which there were many fine evergreens; the owner claimed that his success in planting was due to placing flat stones from a neighboring quarry around the newly set trees.

It makes no difference as to the material. The natural mulch is leaves, which not only prevent evaporation from below, but allow the rain to pass between them to add to the moisture of the soil.

Testing State Fair Prize Grain.

Formerly, when a premium was awarded by the Pennsylvania State Agricultural Society, for the best varieties of grain shown at its annual exhibitions, the successful exhibitor kept the grain and pocketed the premium.

With commendable public spirit, the experiments for Eastern Pennsylvania have been undertaken by Mr. David H. Branson, on his farm about two miles south of Atglen, Chester county.

The wheat being reported ready to cut, the experimental plots were inspected on Thursday of last week by the chemist of the society, Dr. Alfred L. Kennedy, who expresses himself well pleased with the results of the examination.

The prize wheats were: 1. Fultz, from Mr. Foster, Cumberland county.

All the plots indicated excellent farming, the crops both in straw and head looking well. Despite the violent storm of wind and rain of the preceding evening none of the grain had lodged.

The oat plots were examined next and the surface, soil and aspect found to be similar.

Russian, from D. M. Ferry & Co., Detroit.

White, from D. H. Branson, Chester county.

Mr. Branson is a famous raiser of Indian corn of which he has three plots, containing respectively, Chester County Mammoth Gourd, Yellow Gourd and Lemmings—but the season is too early to permit an estimate to be formed of their relative merits.

It will pay every farmer to plant grapevines. If not able to buy vines, plant cuttings.

Big Profits in Cultivation.

With our modern implements the cost of cultivating an acre of corn once is but little, if any, above the average price of a bushel of corn, and certainly each extra plowing will add more than this to the crop.

Tillage in Manure.

I presume there are many farmers who think that all the benefit a corn crop receives from cultivation is to keep it free from weeds, but every year of practice and observation on the farm convinces me of the truth of the adage, "Tillage is manure," and that through the constant cultivation adds plant food to the soil, and not only increases the crop, but actually improves the soil for a succeeding crop.

A Crying Need.

The special advantages of sheep farming, which, as compared with that of other stock, may be summed up as follows: Fewer risks by death, two crops per annum, consolidating light soils, rich manure at all times, more easily kept on poor pastures, less cost in building and winter management, greater returns for money invested.

Notes on Indian Corn.

To improve corn, one should study the plants on which he intends to experiment. Let him take pattern after the successful breeder of animals. The latter studies the animals which are mated. Let a breeder of corn select some of the best stalks in his field, cover the young ears before the 'silk' comes in sight. Then take pollen from a stalk very much like the one which is to bear the seed corn.

Bald and Bearded Wheats.

What are the advantages of bearded wheats? They are harder, tiller more, and grow on thinner and more exposed soils than the bald. They are seldom attacked by mildew, and if they are so, are never very seriously injured.

What are the objections to bearded wheats? Their straw is too soft; they are, therefore, not suited to rich or alluvial soil, on which they frequently lodge or fall flat. The heads, too, retaining water after a rainfall, the straw bends beneath the increased weight, and is laid by the wind.

Dr. E. LEWIS STURDEVANT says that if one good ear from each stalk could be secured, there would be no difficulty in obtaining maximum crops of 200 bushels of shelled corn per acre, as the farmer can so well fertilize for this amount of crop as for less and the culture is the same for a large crop as a small one.

A CLOVER field is the place to pasture hogs. They come up in the fall in good prime condition for getting hardened in with corn.