

MAKES PLEA FOR GENERAL EDUCATION

Demonstration Farms Best Way to Reach Greatest Number of Farmers

James J. Hill, in a letter to the New York Post, expresses the opinion that while the agricultural colleges and schools are doing splendid work, a work that should be encouraged by every farmer, yet it is now so far from command, yet it is now so far from the whole body of farmers. The unlettered man, who is not able to read or write, is not to be despised, and the contentment of common knowledge is a fact, is a good tiller of soil, and will profit by the experience of the scientific farmer. If it shall only be that he observe and know what the farmer really is. This is the lead directly to the adoption of the model farm as an element of more general education than it is at present. The plea for the model farm, James J. Hill argues that, existing methods of agriculture in the country are not right enough, yet they are not like the grain in the field of the sower.

of this instruction falls on a stony ground of mere abstractions, and the boys and girls cannot apply it. They know what makes a balanced diet but they do not know how to make a cow or make butter. The seeds fall by the wayside and produce no fruit except in the person of the fancy farmer who is all strong on theory but all weak on crop raising that is profitable. The bigger part of the seed, as we realize, falls on good ground and bears a plentiful harvest of good fruit. A part of this fruit Mr. Hill urges the model farm to be established in every state and in every county of each state. He shows the working of a similar system in European countries as increased the acre-yield of land that should make the American farmer proud of himself, and that agriculture even to illiterate people in such a way with this acre-increase,

there is enhanced acre productivity or, in other words, the lands are made to produce more without exhaustion, which is the solution of the great central problem in farming. It is explained that the Great Northern Railway is now selecting five-acre tracts on farms along its lines, paying the owner for his labor and giving him the crop on conditions that he tills those acres exactly as directed. It is expected that the contrast between the product of those acres and others carelessly and unscientifically tilled by the farmer and his neighbors will serve as an object lesson of value. The soundness of the contention is not to be doubted. As a matter of fact it has already been proved by actual experiment. Why should not every state, including the state of Oregon, maintain such a farm as Mr. Hill suggests in every county? Millions of state funds are expended every year in this country for less worthy purposes. Moreover we should not forget at any time that the best progress we can make is in the promotion of that policy which will turn public attention more to the tilling of the soil. The more profitable we make that occupation, considered as a whole, the more effective will such a policy become. The whole subject, as James J. Hill presents it, is practical, and it ought to receive the careful consideration of agricultural authorities in every state. — Telegram.

Diarrhoea Quickly Cured
"I was taken with diarrhoea and Mr. Yorks, the merchant here, persuaded me to try a bottle of Chamberlain's Colic, Cholera and Diarrhoea Remedy. After taking one dose of it I was cured. It also cured others that I gave it to," writes M. E. Gebhart, Oriole, Pa. That is not at all unusual. An ordinary attack of Diarrhoea can almost invariably be cured by one or two doses of this remedy. For sale by all dealers.

Blue Print Township Plats
Corrected up to date, showing names of entrymen, vacant land, rivers and creeks, 50 cents each.

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SPILLMAN TALKS OF THE FARM GARDEN

Valuable Hints That Will Greatly Help To Reduce the Cost of Living And Add to Your Enjoyment

The requisites of the farmer's garden are; that it furnish a constant supply of fresh vegetables from late spring until winter; that the vegetables produced be of sufficiently hardy nature to require little "pampering", as we all know that the ordinary farmer has not the time to give especial attention to his garden altho he could well afford to give more time than he ordinarily does. In planting, put your rows far enough apart to allow cultivation with the horse cultivator; a garden that has the rows so close that they require hand hoeing often presents rather a neglected condition. It might be well to add here that when you use the horse cultivator, you ordinarily plant a garden larger that you otherwise would and we seldom ever see too large a garden, if well kept. This will of necessity require the selection of a garden site that is accessible to teams and tools.

To have the best garden one requires a hot bed to start the early varieties of vegetables. To make this bed, dig a trench the width of the bed that will hold two feet of closely packed horse manure and nine inches of soil.

Have your frame on a south exposure and have the lower board not more than ten inches above the surface and the rear board six inches higher. This will give you the proper slope for your glass. Frames may be purchased especially constructed for this purpose or windows may be used in their place. Seeds are not sown in the bed for about six days after their preparation.

The later part of March or early in April would be the time to sow seed in the hot bed. Early cabbage and cauliflower, celery and tomatoes, where they can be grown.

After the early crop of plants are out, such vegetables as cucumbers, melons, etc., may be started in them.

The New
MADRAS FLOUR MILLS
Are Now Making Three Brands of Flour
MADRAS FLOUR (straight)
HIGHLAND PATENT (1st grade)
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All our FLOUR is of natural color
The only right color, flavor and quality
All brands are first class for their grade
Madras Flour Mills
H. F. DIETZEL, Proprietor

After the plants are too large for the frame and still too tender to set out, make a cold frame. This consists of merely two boards set up so that a screen may be placed over the plants at night. This screen may be of burlap or cloth nailed on to a slight frame.

Vegetables that should be grown are radishes, carrots, turnips, table beets, parsnips, rutabagas, peas, beans, onions, lettuce, spinach, cabbage, cauliflower, and celery. Early potatoes and sweet corn as well as pumpkins and squashes should be included in this list.

There are numerous varieties of the various root crops, almost any of which will be fairly successful here. For peas, any of the earlier varieties will do for first early. For medium later, Dwarf Telephone is very desirable pea-while Little Gem, Yorkshire Hero, are later heavy yielding sorts. For beans, try early maturing sorts as Burpee's Stringless Green Pod, Snuggfellow, Golden Wax, Early Snug Six Weeks. For early Jersey, Bakefield is a good variety while numerous of the later do well. Extra Early Dwarf Erfurt is a desirable cauliflower producing five white heads. Of the Onions, Oregon Yellow Denvers is one of the best. A succession of lettuce may be planted, any variety does well. Several sowings of radishes may also be made. For celery, White Plume and Golden Self Blanching are good varieties. If you wish to try tomatoes, use Earliana. For sweet corn, Poenontas and Metropolitan are of the larger growing varieties and Golden Bantam of the smaller varieties. Any of the early potatoes may be used. Few of the Lady Finger may be grown as they are especially desirable for baking.

In a general way may say that early gardens may be planted about the middle of April, beans, etc., after the middle of May.

Do not be afraid to thoroughly fertilize your garden spot, for it will pay you many times over with crisp fresh vegetables this coming summer, thus adding much to the joy of living and also to the attractiveness of your place.

P. H. Spillman,
Assistant Superintendent,
Crook Co. Demonstration Farms.

Money to Loan, on good approved farm security. Inquire of Howard W. Turner.

Mother of Eighteen Children
"I am the mother of eighteen children and have the praise of doing more work than any young woman in my town," writes Mrs. C. J. Martin, Boone Mill, Va. "I suffered for five years with stomach trouble and could not eat as much as a biscuit without suffering. I have taken three bottles of Chamberlain's Stomach and Liver Tablets and am now a well woman and weigh 168 pounds. I can eat anything I want to and as much as I want and feel better than I have at any time in ten years. I refer to anyone in Boone Mill or vicinity and they will vouch for what I say." Chamberlain's Tablets are for sale by all dealers.

AUTOS HAVE NOT SUPPLANTED HORSES

Letter Have Increased Wonderfully in Number, Quality and Cash Value

Periodically during the last ten years statements similar to that credited to Charles Schell, president of the National Harness Manufacturers' Association, in opening its twenty sixth annual convention in New York the other day, have surprised owners of automobiles, lovers of the horse, and the public in general. What Mr. Schell said, in effect, was that there are more horses in this country now than ever and that they are commanding just as high prices as formerly.

He added that there is just as great a demand for harness as there ever was; in fact, he said, the manufacturers have sold more harness during the last two years than at any previous period of the same length. According to a report prepared last year by O. P. Austin, chief of the United States Bureau of Statistics, the horses in the country in 1850 numbered 4,336,719; in 1880, 11,201,800; in 1900, about the time the automobile was coming into general use, 13,537,524; ten years later, when the number of automobiles in use had been multiplied many times over, 21,040,000. That is today during the period in which the automobile was making its first great strides into popular favor, the number of horses in the United States increased by about 8,000,000. More striking still are the census figures with regard to the value of horses and colts. In 1900 this was placed at \$1,250,000,000; in 1910 it was placed at \$2,076,297,828, or an increase in the decade of over \$800,000,000. One striking and pleasing fact, generally admitted by those who are students of the situations, is that the horses of the country are improved in quality. It is regarded as a strange fact that the number and value of the horses should be greater now than before the automobile was introduced, but it is only necessary to consider the size and needs of the country and the output of automobiles up to date in order to realize that this is not so remarkable after all. At the present time more than 20,000,000 horses would have to be replaced before the motor could be in absolute monopoly.—Breeder and Sportsman.

FOR SALE—At the Pioneer Office Legal Blanks of all kinds; Carbon and Typewriter paper, Installation Sale contracts, Notes and Receipts.

Auction Sale!
September 24
See Page 3
W. D. ARNEY

GRAND OPENING
Fall and Winter
Millinery
Tuesday --- Wednesday
October 1 and 2
A New Importation of Metropolitan Styles
Mrs. Isa E. B. Crosby

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Lost.
On the road between my place and the O.W.R. & N. depot, a roll of blankets; finder please leave at this office and a reasonable reward will be given.

MONEY TO LOAN ON FARMS. See Madras State Bank.

For residence and business lots see O. A. Pearce. tf

FARM LOANS!! Madras State Bank.

TO LOAN—\$50,000.00 on farm lands. See Brenton Jones, Metolius, Ore.

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EQUITY and NEW ENGLAND
WATCHES

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Just the thing for presents!
Jewelry of every description always on hand.
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Auction Sale!
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