

All Physicians

Must prescribe some of the ingredients that are contained in Hood's Sarsaparilla—for all troubles of the blood, stomach, kidneys and liver.

They include sarsaparilla, stillingia, yellow dock, gentian, wild cherry bark, mandrake, dandelion, juniper berries, pipsissewa, etc.

WHERE "DRY FARMING" PAYS.

Application of Scientific Methods Has Overcome Drought.

Growing reports are reaching here about the success of dry farming in the semiarid regions, says a Los Angeles dispatch to the New York Post. New Mexico has added more new post-offices to its list during the year than any other State or Territory; and in regions where rational "dry farming" methods have been adhered to the new settlers are uniformly prosperous.

This year's experience, in fact, has demonstrated beyond question the full efficacy of the new system of dry farming. Wherever it has been tried, the results have been good, in spite of a drought of almost unprecedented length and severity. It can no longer be predicted that "when a dry year comes, the Campbell system will fail."

From New Mexico and Arizona have come widespread complaints of damage to crops and loss of live stock on account of the protracted drought.

Thousands of sheep have died of thirst on the ranges, and many inexperienced "dry farmers" have learned the costly lesson that farming in the semiarid lands demands very different methods from those practiced in the older agricultural communities.

In one week of July more than 1,000 farmers whose crops have been almost ruined by the drought secured leave of absence from their homesteads, and went to Kansas to obtain work as harvest hands in the wheat fields.

Moreover, practically all of these will return when the Kansas wheat harvest is over, and hereafter, it is safe to say, they will put in practice methods better suited to successful plains farming.

The drought in New Mexico and Arizona has now been broken, and no further loss or suffering is anticipated. In spite of these difficulties the influx of homesteaders into both the southwestern territories continues to grow in volume.

Good Family.
"My daughter appears to have married very happily," remarked a lady. "Her husband has not wealth, it must be admitted, but he has family."
"Yes, I heard he was a widower with six children!" a neighbor sniffed acerbically.

Expert Opinion.
"In your judgment," asked the caller, "what is the future of the aeroplane?"
"It's all up in the air!" savagely answered the information editor, who had made the same response to the question forty-seven times before.—Chicago Tribune.

Another Horror.
Exchange Editor—Let me see—Mark Twain had a degree of some kind conferred on him, didn't he?
Literary Editor—Yes; since he incorporated himself I believe he has taken the degree of Ltd.

Asal Otiography.
Teacher—Your name is John Timonium, is it? Where are you from, Johnny?
New Pupil—Snohomish, Wash.
Teacher—How do you spell it, Johnny?
New Pupil—You don't spell it, ma'am. You sneeze it.—Chicago Tribune.



Agricultural Colleges

Agricultural colleges generally had their beginnings in the bill introduced by Senator Morrill of Vermont in 1862, which some time later was enacted into law, providing that lands be set aside by the government as they had been for the construction of the Pacific railroads, from the proceeds of the sale of which schools should be established for agricultural instruction.

It is interesting to note, says Harper's Weekly, that in this same year, when most of the white men folk were away on southern battlefields, the Sioux Indians of the state of Minnesota uprose and massacred some 800 of the frontier settlers and in the white man's reprisal thirty-eight of the leaders were hanged on a single scaffold in the town of Mankato. So it may readily be believed that the idea of a school of agriculture was not a pedagogic form, and little was done in any of the states for years except to provide a few lectures on baculic subjects, for the purpose of hanging on to the appropriation. When at last President Farwell organized a real course of instruction, according to the lights of the time, it was impossible to secure any student to pursue it, even by dint of bribery, which the worthy instructors industriously tried.

Book farming was scouted and ridiculed by every old-fashioned or "practical" farmer, as it is in the "way back" districts in many states even to this day. If a boy wanted to be a lawyer or a doctor, or even a parson, there was some excuse for his wasting time in studying books, but "farming" was "farming" and it wasn't to be learned in school. Times have changed since then. The teachers themselves have learned something. Many secrets have been unlocked regarding the chemistry of soils as determining their treatment and the crops they will grow, the scientific crossing of breeds of plants, as well as animals, the improvement of seeds by the selection of exemplary single heads from a plot where each straw is numbered, over a period of ten or a dozen years. One such process as this added 12 1-2 per cent to the hard dollars in the pockets of the farmers who planted one such variety produced in the Minnesota station. Spraying with mysterious college connections eliminated the insects from the orchards and doubled the value of apples in the fruit market.

Humane Slaughtering.
In Germany, where the retail meat dealer is usually his own butcher, efforts are being made—also elsewhere—to substitute humane slaughtering for the old-time practices that have caused much suffering. Saxony is taking the lead, and now has strict laws forbidding bleeding until the animals have been made unconscious. Cattle and other animals are stunned by a blow in the center of the forehead, usually with something more certain than the hammer or ax of a few years ago. Many butchers apply the slaughtering mask, which covers the eyes and has a sharp bolt that is driven into the brain by a single blow from a wooden hammer; but less strength and skill are required in apparatus using powder—one of these being in the form of a tube like a telephone receiver, that projects a bolt when the cartridge is exploded by gentle tapping, while another fires a sharp-pointed bullet instead of the bolt. An improved instrument just introduced into England is the potax gun, which has a steel barrel in place of the striking end of the ordinary pole-ax, with a wire through the wooden handle for pulling the trigger. In Germany, Italy, and other cities abattoirs are public institutions, where butchers go to slaughter their animals under municipal supervision.

Scientific Farming.
Husbandsmen are looking more favorably upon scientific agriculture as they come to understand that the system means farming according to the latest discoveries of the laws of plant and animal life. Farmers used to regard scientific farming laws of agriculture as formulated by some agricultural editor who had no practical knowledge of husbandry.

Science means classified knowledge on any subject, arranged for easy reference of the cause which produces certain effects. Science preserves the facts connected with every department of knowledge, so classified that the student can obtain an understanding of astronomy, medicine, chemistry, geology, biology, entomology and bacteriology. Without science the knowledge of the ages would be lost and man would be unable to make progress.

as agriculture. It is the oldest science and the discoveries of the laws of animal and plant life systematically classified are scientific agriculture. The importance of improved farm management has interested alike the national and State governments. Agricultural colleges and experiment stations are established in all the States to teach the science of farming.

Husbandsmen no longer look askance upon scientific agriculture. Everywhere the farmer is confronted with new developments in the art of his profession worked out at experiment stations. How to improve the yield of grain and grass per acre, how to successfully combat the enemies of plant and animal life are too closely allied with successful agriculture to be ignored by the farmer.

Knowledge is illimitable. We drink at its fountain, which is inexhaustible. The greatest pleasure of life is the acquisition of knowledge. It is like seeking the fountain of perennial youth—there is joy in the expectation of finding it. So with the farmer, new discoveries are being made annually in the principles of agriculture which are a pleasure and profit to know, and the successful husbandman is always seeking scientific knowledge in his vocation.—Goodall's Farmer.

Electricity in Agriculture.
The co-operation of Prof. Sir Oliver Lodge has recently been solicited in England by experimenters desirous of testing the effects of electricity in stimulating the growth of plants. Sir Oliver Lodge himself describes some of the results. Wires are stretched on low poles over the field to be treated, one pole per acre being sufficient. Positive electricity is supplied at a potential of about 100,000 volts. The negative electricity is conveyed direct to earth. Persons walking under the wires feel the electricity in the air.

The current is maintained for several hours during the day, but is shut off at night. During bright sunshine it seems unnecessary, and may even be harmful. In the case of wheat the electrified plots showed an increase of yield of from 30 to 40 per cent, and the wheat brought a better price in the market. Other crops showed improvement also.

Whitewash the Henhouse.
Every poultryman should give the henhouse a periodical coat of limewash and the fatter he does it the better. The matter is a very simple one. If the house is small all you may want is a limewash brush and a bucket of water into which a few handfuls of quicklime have been put, well stirred together and allowed to settle. The stuff when put on should be about as thick as cream. A handful of common rough salt will help it to adhere to the walls, a spoonful or two of liquid carbolic acid will help it to do its murderous work on animal life and a little bit of powder blue (washing blue) will prevent the white coat turning yellow by and by.

Fashion Aids.
"The prevailing mode of dress—the clinging, soft, droopy effect—is a blessing to the teetering mankind at least," remarked an observing young man to his companion in an orchestra chair at one of the season's opening plays. "If a woman comes in late to the performance she cannot disturb every one about her by the rustling of many silken petticoats without proclaiming herself hopelessly behind the day in style. The sheath-like gown of this year clings and is silent and soft. For myself, I'm glad; I've lost more than one good speech by the tardy entrance of a rustling petticoated woman. I'd as soon hear her shoes squeak."

Corn and Kerosene.
Twenty years ago, says the Kansas City Journal, a gallon of kerosene cost three bushels of corn. Now a bushel of corn buys five gallons of oil and the seller has 3 cents change coming.

Notes by a Working Farmer.
Food given to unprofitable animals is wasted.
With a variety of stock one can utilize all foods.
Best breeds do not insure most profit without proper treatment.
All foods for plants must be soluble to be available.
It is the little economies that count up most in the end.
A high selling price does not lessen the cost of production.
Concentrated foods should always be fed with those more bulky.
It needs faith in your occupation to bring about complete success.
It rarely pays to feed for a merely possible increase in price.
Underfeeding stunts growth and overfeeding is a waste of food and of time.
There is more profit in growing an animal than in fattening one already grown.

He Preferred One Girl.
When J. M. Barrie, the author of "Peter Pan," addressed an audience of a thousand girls at Smith College during his first American visit of last year, a friend asked him how he had found the experience.
"Well," replied Mr. Barrie, "to tell you the truth, I'd much rather talk a thousand times to one girl than to talk one time to a thousand girls."

FITS.
St. Vincent Dance and...
D. R. R. Kline, Ed., 50 Arch St., Philadelphia, Pa.

Getting Acquainted.
"My dad can lick your'n," said Bad Dick.
"Maybe he can," answered the new boy with the golden curls, "but I can whittle the everlasting daylights out of you."

Which he proceeded to do, with neatness and dispatch, and they were firm friends thereafter.

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For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of *Wm. D. Galt*

The V. E.'s Daughter.
Under a spreading Merry Will,
The village beauty stands.
The beaut, a winsome girl is she,
With rings on both her hands;
And clasped around her shapely arms
She wears two golden bands.

PILES CURED IN 6 TO 14 DAYS
PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

Deceit.
"Is it true," inquired the traveler who was standing in front of the Art Institute, "that a confidence man once sold these big bronze lions to a trusting stranger for \$75 or some such pitiful sum?"
"Yep," said the policeman; "the con men in this town are losin' their grip. I can remember when they wouldn't sell nothin' smaller than the Masonic Temple to a yahoo."—Chicago Tribune.

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Dispels colds and Headaches due to Constipation;
Acts naturally, acts truly as a Laxative.
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To Use.
"Anything I can show you, sir?"
"Yes; I want to get some kind of toy for my 3-year-old boy. Have you anything that's indestructible? Something he can't break the first time he plays with it?"
"I think so. We have some toy soldiers."
"Have they got handles on 'em?"
"Of course."
"Well, they won't last him five minutes. Show me something else."

Begging His Pardon.
There once was a versatile kaiser, Who in handing out talk was no miser; He got a straight tip To button his lip, And now the kaiser is wiser.
—Chicago Tribune.

Recipe for Rheumatism.
To one-half pint good whiskey, add one ounce syrup sarsaparilla, and one ounce Toris compound, which can be procured of any druggist. Take in teaspoonful doses before each meal and before retiring. Followed up, this is a sure remedy.

Speculation's Demoralizing Effect.
"How about your gold mining stock, old chap? Still panning out well?"
"Panning out? No. Next thing to it, though. It's petering out."—Chicago Tribune.

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Men who cannot stop for a rainy day, will find the greatest comfort and freedom of bodily movement in
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Of Replacing Teeth in the Human Mouth is the Greatest Advance Ever Made in Scientific Dentistry.
A few years ago Marconi came before the world with the statement that he could transmit messages through the air by electricity without the use of wires. Every telegraph operator in the land scoffed at the idea and said it could not be done.
Likewise the Alveolar System of replacing teeth in the human mouth without the use of cumbersome and unsightly plates, which is the latest method to be adopted by scientific dentistry.
If you have two or more teeth in either jaw, either tight or loose ones (we make the loose ones tight and healthy) we guarantee to put in for you a beautiful set of teeth that can hardly be told from natural ones. All work absolutely painless.
These Teeth Will Outlast Those Who Are Wearing Them.
If we can beautify your appearance and build up your health with a new set of Alveolar System teeth, or enable you to do away with a wobbly, unclean, partial plate or ill-fitting piece of ordinary bridge-work, wouldn't it be the greatest service that could be done for you?
We make absolutely NO CHARGE for advice. We examine your mouth and advise conscientiously.
The ALVEOLAR SYSTEM is to the old time methods what Wireless is to the ordinary Telegraphy.
"It didn't hurt a bit. Now for my Alveolar Teeth."
In a case like the above, all dentists throw up their hands and say there is no hope except in the use of a false plate. The Alveolar System solves the problem and now plates are seldom necessary unless every tooth is gone. We are positively painless dentists in every branch, and for 30 days we make the following money-saving prices:
22K Gold or Porcelain Crowns \$3.50
Bridge Work (all kinds) each tooth \$3.50
Silver Fillings 25c and 50c
We are expert plate makers \$3.50 up
Painless Extracting (free with all work) 50c
Write for our booklet, which will be sent free. "The Great Alveolar Electric System."
We are the only real Alveolar Dentists in Portland. Beware of imitators.
We do work for out-of-town people in shortest possible time.

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