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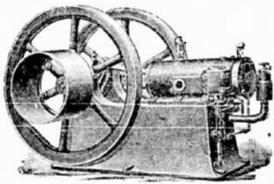
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SEED CORN DAY. WHEN? September 10th. Why September 10th, when the average date for the last killing frost is September 20th? Because a few years ago the first killing frost was September 11th. Can we afford to take chances on our seed corn? No, because it means too much. Last spring there was a great deal of inferior corn in South Dakota. Why? To what was it due? Mostly to carelessness on the part of the farmers. Often times we believe it is more thoughtlessness than it is carelessness.

WHAT SHALL WE DO? Make a good selection. By this we mean the practice of securing from the available stock of corn the most ideal ears possible, and using those for seed. Ideas may vary as to what an ideal ear is, but when we say we want for seed the ear which, when placed in the field under average conditions, will produce the greatest amount of good, marketable corn the coming season, everyone will agree. Our selection should be based on this ideal.

WHERE SHALL WE MAKE THE SELECTION?

In the field. When? Before September 12th. We know that all ears matured at this date will in all probability be ripe the same time the following season. Remember that like begets like.

HOW SHALL I MAKE THE SELECTION?

Throw a bag over your shoulder and go out into the field, look first at the stalks on which the ears are borne. Do they show strength, are they large at the base, do the leaves show good color, etc? Then examine the ears. Are the shanks large and strong so that the ear is held in an upright position? If so, do not select these ears. Because they are in the best possible position to catch all of the rain. The result will be a frozen ear upon a very slight provocation. If the shanks are slightly bent so as to allow the ears to keep a nice angle, an angle which throws the husks in a position to protect the ear from catching the rain, I would select these ears.

Shall we select the ear from a small or large shank? Neither one. Make the selection from a medium sized shank, as this allows easy husking. Be sure and select the ears not too high from the ground, as this means late maturity.

HOW MUCH SHALL I SELECT?

A forty acre field requires about six bushels of seed, if there is no replanting to be done. So to be on the safe side select at least ten bushels for each forty acres you expect to plant. This will give sufficient seed to guard against accidents that might occur.

WHAT SHALL I DO WITH IT WHEN I BRING IT IN FROM THE FIELD?

Place it where it will dry in the shortest time possible. A good plan is the old one of tying them in lots by strings and hanging in the summer kitchen where there is no steam or in the attic above the stovepipe. The attic is a good place, because it has a good circulation of air and it will be protected from the hard freezing.

Prof. Holden says: "The advantages of this method of storing are first, that it gives better protection from mice than where it is spread on the floor or corded in piles or put in racks. Second, it gives better circulation of air, which allows the corn to dry out quickly and thoroughly, thus protecting it from moulding and sprouting and from being frozen while it is sappy. The greatest enemy to good seed corn is freezing while it contains moisture."

Can we afford to be careless with our seed corn? No, because it means too much.

Can we afford to store our seed corn in boxes? No. Because it will gather moisture and freezing will be the result.

Can we afford to store our seed corn over a laundry? No.

Can we afford to store our seed corn over the stable? No. Because it is likely to sprout.

If we do our part on Seed Corn Day the history of the spring of 1910 will not be repeated in 1911.

By CLIFFORD WILLIS, Chief in Agronomy.

Advertised Letters.

The following letters remain un-called for in the Canton post office for the week ending Aug. 20, 1910.

- Coffield Miss Georgie
- Doty Miss Ethel E
- Footo Wm
- Garris Gas
- Gowey Jean D
- Gordon Mrs. Chas
- Helgeson M O A
- Lowe V F
- Martin Geo.
- Noble Miss Edith
- Phillips Charlie
- Rust Miss Bertina
- Sweke Roy
- Taylor Miss Lulu
- Wood Thos

In calling for any of the above please say advertised.

Go to Dr. Noid's for the most delicious ice cream and all flavors in soda water.

Electric Power For Kootenay.

Our Scribe Visits the Plant of the Bull River Power Company.

The following article is copied from the Fernie (B. C.) Free Press, published in what the Canadians call the Pittsburg of Canada, thirteen and one half miles from Bull River. The Free Press like all Canadian-English papers is conservative and therefore states plain facts about the Bull River property. The Free Press article only proves what the LEADER has been printing about Bull River from year to year. The Bull River proposition is now safe and comes under the head of a million dollar water power, to say nothing about the other properties.

"On Saturday last a representative of the Free Press visited Bull River Falls and while there had the pleasure of inspecting the progress that has been made on the mammoth hydro-electric power plant which is now being installed by a number of wealthy and enterprising American capitalists. The genial and energetic manager, Mr. G. E. Henderson, accompanied the writer who was accompanied at the magnitude of the work already accomplished. The whole scheme was outlined by Mr. Henderson, who is an engineer and an empire builder.

The power plant is located at the outlet of Bull River canyon, a gorge which contains probably the most magnificent series of water falls in the Kootenays. Here the river rushes through a narrow and tortuous channel, which it has eaten out of the solid rock in the course of countless ages. In places these rocks rise perpendicularly above the water for more than a hundred feet. The river drops more than three hundred feet in less than two miles.

At the head of the canyon a dam has been constructed, diverting the stream into a wooden flume sixteen feet wide and eight feet deep. The water travels at the rate of 12 feet per second, making the capacity of the flume 1536 cubic feet, or 48 tons of water per second. This big race way is a mile and three-quarters long and its outlet is 276 feet above the river. More than two million feet of sawn timber were used in its construction, all of which was cut by the mill of the company on the spot. From the lower end of the flume the water will be piped down to the turbines in high steel tubes. The flume will furnish sufficient water to generate 30,000 horsepower. This is equivalent to the present output of the Coal Creek mines converted into energy by means of boilers and steam engines.

The flume is practically completed and work will shortly be commenced on the power house and the installation of the necessary machinery. It is proposed for the present to install 3 turbines of 4200 horse power each, but provision will be made for the subsequent installation of four more of such units. The turbines will be direct connected with the dynamos of equal capacity, of the most modern type. It is expected that this first section of the plant will be in operation within a year, when 12,000 horse power will be available for industrial purposes in this district. Mr. Henderson informed our representative that a power transmission line would be built over the Lizard Pass to Fernie within a year and that power would be offered to consumers in the district at a price that would make it unprofitable for them to do without. The distance from the power house site to Fernie is thirteen and a half miles in an air line. Sixteen miles of copper would bring the juice to this city.

Regarding the disposal of 30,000 horsepower Mr. Henderson is optimistic. He says that steam engines will be a memory in this district and that his company will be able to supply power profitably at a price so low that manufacturing concerns can not afford to keep away. A party of Wisconsin capitalists are now considering the erection in the vicinity of the plant of a pulp mill that will require 10,000 horsepower. Within a stone's throw of the flume a large dyke of red hematite ore cuts through the district. This ore has been pronounced by Pittsburg experts to be a bonanza. The possibilities of development along this line are too great to be touched upon in any summary manner. A large amount of the juice will be used to light the different towns of the Pass and small factories will consume a considerable quantity. Coal mines will find it more profitable to buy power and sell the coal and slack they now use for this purpose. Sawmills may profitably use it and turn their refuse to account for the manufacture of pulp. Electric motors may supplant the locomotive; in fact the possibilities are unlimited and the ultimate demand depends merely on the awakening of the district to a full realization

of the value of cheap power.

Apart from the power proposition the project seems promising as a gold mining venture, for above the canyon alluvial gold has been, and is being secured by the crude method of the pan, and it is reasonably expected that the crevices and pot holes in the canyon will contain more or less gold. During low water the stream will be diverted into the flume and the bed of the river will be sluiced out and the precious metal secured. This, however is a side issue, and if found a profitable undertaking will mean just so much "velvet."

There will be sufficient surplus water to irrigate a large tract of country, which naturally fertile and climatically adapted for fruit and vegetable raising, now lies unproductive for lack of necessary moisture.

The Bull River Power Co., have already spent \$200,000 on their project. They must spend nearly that much more before it will be remunerative. The company is backed by men of wealth and enterprise. With that amount of money at stake these people will see to it that their undertaking is made profitable. They will bring the industries themselves if we fail to appreciate the value of cheap power. This huge undertaking is the most significant work of development that is going on in Southeast Kootenay. It will be of great value to Fernie and the Crow's Nest Pass district.

California An Inspiration.

Sioux City Tribune:—The progressive victory in California has stirred the blood and quickened the pulses of those who have long despaired of the state's redemption from the grasp of railroad monopoly and its control by railroad corruption. For 40 years this fairest commonwealth of the union laid prostrate at the foot of the Pacific roads. Many times it has seemed that she gloried in her degradation. Railroad debauchery of state politics and slum debauchery of San Francisco politics have brought untold shame and disgrace upon city and state. Tuesday's result shows, however, that the voice of conscience has moved the people of the state, if not of her greatest city, to better things.

The triumph of the progressive ticket is an upheaval the magnitude of which is not appreciated by those unfamiliar with California politics. Since the first mile of Central Pacific track was laid in the state, until the nomination of Hiram Johnson for governor was announced last Tuesday night, the will of the railroads there has been law. It has dominated conventions, legislatures, courts, governors and city councils with a despotism that the czar of all the Russias might well envy. Frank Norris, now dead, sought in his famous novel, "The Octopus," to portray its grip on state affairs, but even the brilliant description of his master hand was incapable of portraying the infamy.

The state has proudly sent its railway magnates to the United States Senate, while its legal creatures, clad in the ermine, have nullified popular laws from the bench of the state's highest courts, and its minor lackeys have jumped like puppets in the state legislature.

The exposure by Francis J. Heney of municipal corruption in San Francisco also disclosed the fact that James N. Gillette, the present railroad governor, was nominated through a money-cemented alliance between the Southern Pacific and the men who controlled the vice and degeneracy of the Pacific coast port city. Heney failed in his immediate mission—that of sending to the penitentiary the men responsible for the shame of San Francisco—but he aroused a sentiment that forced through the last legislature a direct primary law.

With that weapon the people of California have struck a blow that ushers a day of better and purer politics in the garden slope of the Pacific. San Francisco, of course, voted standpat; her saloons, brothels, and purities, like the same institutions elsewhere, could be counted upon to roll up a majority for their prototypes in national affairs; but the people of the state at large heard and heeded the voice of conscience and the old machine was given a staggering blow.

The progressive republicans fought their battle under the name of "the Lincoln-Roosevelt league." They conjured with matchless names, and their victory was a proud day for California. It is an inspiration, too to men who are waging the battle for better conditions everywhere. When the Golden state can be wrested from the grip of its bosses, nothing in the direction of better things is impossible in any state.

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