

## THE YELLOW WEED CONTROVERSY.

### Letter from the Department-- More About Brome Grass.

We have received the following letter from the Agricultural Department, and although it does not give any information as to whether Awless Brome Grass will crowd out the yellow weed, a mixture of that seed is recommended, while, on the other, the department see no reason why the Brome alone should not give good results, provided a good stand can be obtained at the beginning:

U. S. Department of Agriculture,  
Bureau of Plant Industry,

Washington, D. C., July 29, 1905.

Mr. Fred C. Baker, Tillamook, Oregon.  
DEAR SIR,—I have your letter of the 22nd inst. regarding the eradication of Hypochaeris Radicata at hand. It is regret to say that there is very little information that I can give you on this subject, and that any suggestions I could make would be in a general way. If this pest has spread to a great extent through your meadows, it would be very advisable to plow them some time during the hot weather, if possible. The plowing would be rendered much more effective if the ground is harrowed through so as to expose the roots of the plants. This seems to be the only practicable means of combating weeds of this nature.

A mixture of grasses which I think will give you the best results in a meadow infested by this weed is as follows:

Bromus inermis, 10 pounds; meadow fescue, 10 pounds; tall meadow oat-grass, 5 pounds.

This mixture is calculated on the basis of one acre. If you prefer to sow Bromus inermis alone I see no reason why it should not give you good results, provided you are able to secure a good stand at the beginning. At present we have no grass seed on hand that we could recommend for use in infested meadows.

Trusting that you may succeed in your efforts to exterminate Hypochaeris, I am, yours very truly,

E. W. EALBY,

Chief of Bureau.

#### Characteristics of Brome Grass.

Peter Henderson & Co., of New York, introduced the Awless Brome Grass (Bromus inermis) into this country, and in corresponding with that well-known seed establishment, they send us some further information about Brome grass, which will be interesting to our readers:

"This luxuriant drought-resisting, hardy perennial grass, introduced into this country by us in 1889, has proven to be a most important and valuable hay and pasture grass, thriving under the trying conditions of the dry regions of the West and Northwest. It is very hardy, living through winters where the temperature falls many degrees below zero. It roots deeply, grows rapidly, in good soils, attaining a height of 4 feet, yielding up to four tons of cured hay per acre. Even on very poor, sandy land it gives fair crops, having yielded 1 to 1½ tons per acre when Timothy was a failure. As a permanent pasture grass, especially for dry sections, it is very valuable, starting into growth very early in the spring, usually 3 to 4 weeks before other grasses; it forms a tough, close turf, stands grazing and the trampling of stock, does not dry up in summer, remaining green until late in the fall. It is very nutritious either as hay or pasture. Stock relish it and thrive on it; experiment stations place its feeding value ahead of Timothy, though it does not equal Alfalfa as a milk and butter producer, but it is always safe to feed. Brome Grass is a splendid humus former and greatly improves the physical condition of the soil, the roots penetrating 4 to 6 feet deep. Sow the seed broadcast (20 to 25 lbs. per acre) in spring or early summer."

The Bulletin, Department of Agriculture, Washington, D.C., says: "The Brome Grass certainly presents a fine appearance, and the Experiment Station reports, nearly without exception, praise it in the highest terms. It is evident from these reports that the grass is little influenced by change of climate. In Canada, in Mississippi, Kansas, Colorado, Wyoming and California it seems to do equally well. It is resistant to intense cold, to sudden and extreme changes of temperature, and stands protracted drought better than any other variety."

#### Grass Seed Mixtures.

Henderson & Co. have also a fine mixture of grass seed which they recommend to make permanent pastures, but as it takes about twice the amount of Brome seed, so becomes quit costly. This is what they say about it: "There is no more important part of a farm than a good pasture, and that can only be obtained by the use of the proper grasses, varieties that have different root formations and different habits and seasons of growth, in order to maintain a rich, close turf throughout the entire season. Timothy should never be used for pasture, because it will not stand trampling, and runs out when heavily pastured and at best is short lived, as compared with the permanent grasses used in our special mixtures. These mixtures contain over a dozen of the best permanent grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing. Owing to

the different habits of growth, the grasses grow closer together and form a rich, close turf, covering the soil completely and forming a protection to the roots during hot, dry weather, thereby enabling these grasses to maintain a rich green appearance when Timothy and other grasses are burned up. The thick turf also prevents animals poaching through and destroying the pasture. While it costs a little more to seed an acre with this special mixture, yet results are so superior and permanent that they more than offset the original cost. Sow not less than 3 bushels per acre."

#### Editorial Snap Shots.

Watch Tillamook Grow! When the toll roads are made free public highways.

This is the time of year when Tillamook county has a big advantage over other parts of Oregon. Verdure is green and a cool atmosphere.

It is nothing more than criminal carelessness the way some young people blaze away at everything they see moving at a distance if they have a gun alone, no matter whether it is a farmer's cow in the brush or a person in swimming—they blaze away all the same.

How much is it worth to know where the terminus of the Portland, Nehalem & Tillamook Railroad is to be located. We are given to understand that one of our citizens had a trick up his sleeve to that end, but whether Mr. Reid has "sold out" the information we have not heard. It must be expected that there will be some sharp speculation in real estate if ever a railroad strikes this county, and, probably Mr. Reid will play some part in it.

Rollie presented the Headlight man with a bouquet of Hypochaeris Radicata on Sunday for a button hole. He must be getting awfully generous, seeking that the yellow weed is so plentiful. We must inform our brother contemporary that yellow don't suit our complexion and as the weed took the editor's strawberry patch after he had sweat drops of blood trying to keep it clear of the weed, we have it in for the yellow weed as much as the farmers whose meadows have been taken possession by it.

The population of Tillamook county is about the same as it was five years ago. But, then, how can people expect it to grow in population when we have toll roads to keep people out? Home seekers when they get to Forest Grove, North Yamhill or Sheridan are filled plumb full of our toll roads and what it costs to get in and out of the county, so they give Tillamook the shake. That is one reason why the population of Tillamook don't grow. The people of the county are not in favor of these toll roads, and they will have to go, for they are a detriment to the county.

There is one thing that Representative W. T. West is entitled to credit, for he was the only level-headed member of the state legislature to vote against the fire permit law. And he must thank his lucky stars that he voted against the law, for there would be a blazing "hot time" just now "roasting" the representative had he erred in judgment. There are plenty of level-headed men in Tillamook, and Representative West is one of them, even if he did take the unique position of being the only member of the house to raise his voice in opposition to a measure that is a farce in some particulars.

T. T. Geer is a candidate for governor, and for that matter a candidate for any old thing on the republican ticket. Has the politician of Waldo Hill forgotten that it was T. T. Geer who soured on account of not getting the nomination before, and instead of giving Finnish a rousing reception when he visited Salem, Geer scooted off on an official visit to the soldiers' home? It was men like Geer and those who "knifed" the republican ticket who elected Chamberlain. They accomplished their object, but there is always a day of reckoning for those who "knifed" their ticket—afterwards. Geer acted as a sour, disgruntled politician, and soon he will be up against the boomerang.

The Headlight man, now that the different characteristics of the brome grass are more fully understood by the farmers of this county, is satisfied that this will eventually become the permanent grass for the prairie land in Tillamook, although, to give it a fair start, a mixture of other grass seed may be necessary to sow with it. There is one thing noticeable in our prairie land meadows, and that is there is very little depth of root to the grass, whereas, it is claimed that the roots of brome grass penetrate 4 to 6 feet deep and is a splendid humus former and greatly improves the physical condition of the soil. These are features which should not be overlooked, and it goes to show that with turf of that description it is more liable to crowd out the yellow weed than anything else that is suggested.

Rollie has betted in again on the yellow weed problem, a matter which was started by the Headlight, and he has spread himself all out on a page of his newspaper wanting the farmers to give him some information instead of giving them information. Don't worry, Rollie, when the farmers and the faculty of the

agricultural college get together this fall some scientific information will be put forth and that is just what is wanted in Tillamook. If Rollie wants more information about brome grass, he will find it in this week's issue, and instead of the Headlight man asking the farmers what they think of brome grass he has been in communication with those who introduced the seed into this country and the agricultural department, and so as to furnish our readers with useful information, we give some of the correspondence which have come to hand so that they can form an opinion.

One of our subscribers, who owns a large farm, has asked us to throw open the columns of the Headlight to farmers who desire information about the many matters connected with farming in this county. His idea is, when a farmer is in doubt and wanting information upon any subject, to ask the question through the Headlight, to be answered by farmers who can throw some intelligent and practical information upon the subject. If the farmers would take an interest in a question and answer correspondence through the Press, it would bring out much useful information, not only to those engaged in it, but a large number of other farmers as well. There is a difference amongst farmers writing upon the subjects which most concerns them, but the Headlight man will undertake to put it into good shape before it appears in print if they will write or inform us of their ideas. Nor will it be necessary to mention names if the parties object. This question and answer correspondence we will confine to the farmers, and if they want to make it interesting and of some benefit, we shall be exceedingly glad to give them the use of the columns of the Headlight for that purpose.

#### SPRUCE.

We wish the threatening rain would hurry and come.

Al Bunn went to Tillamook Monday. Monk Woods and family visited H. A. Kinnaman and family Sunday.

The roads in our neighborhood are traveled lye now by campers.

N. J. Dye went to the city Tuesday.

H. A. Kinnaman and wife went to town Wednesday.

Mr. C. Blanchard is hauling lumber from the Beaver creek saw mill, this week.

Oran Wallace, who is working down b. Cloverdale, visited home folks Sunday and celebrated his mother's birthday.

Mr. Perry Huston and son, Mr. Jake Huston went to the city Thursday.

Mr. Ed. Lyster started Saturday morning for Nehalem where he will visit his daughter Mrs. L. Saunders a few days.

Mr. Davidson and son Arthur, Mr. A. Ginn and Mable Savage of Beaver went to the city of Tillamook Friday.

B. Wallace and wife went to town Saturday.

#### NETARTS.

L. Hiner and family, the Tillamook foundryman, are camping on the beach.

Henry Olds and family and A. W. Phelps of Long Prairie, and uncle Gec. Randall, of Fairview, and Bill Randall of Tillamook, are enjoying the balmy breeze on the beach.

John Harter, O. Crane and wife, Elmer Hoag and family, Mrs. A. K. Case and children, Homer Mason and family, Mrs. Dr. Upton, Mrs. T. Sarchet, all of Tillamook are camping at Happy Camp and having a most enjoyable time.

Adison Harris and family of Corvallis are on the beach. Mr. Harris was born and raised on South Prairie but moved away several years ago.

Mrs. Fred C. Baker and her daughter, Mrs. Lee M. Travis and Miss Emma Travis, of Eugene, are camped at Happy Camp.

Mrs. Martin and children of Portland are visiting with Mr. and Mrs. W. C. O'Hara, Mrs. Martin's parents of Netarts.

Isaac Moore and family of Pleasant Valley, are camping here for a week and feasting on the clams, crabs, and fish.

Oliver Proctor and family of Lebanon, Ind., have been camping on the beach for some days, but left Thursday. Mr. Proctor made many friends while on the beach and all were sorry to see him leave, as he was the life of the camp.

Preston Marolf of South Prairie, was on the beach Sunday.

Dr. Upton and T. Sarchet rode over on their wheels Sunday to visit with their families.

Arch Peery and family, the McMinnville druggist, are on the beach; they intend staying a month or longer.

Mr. and Mrs. R. L. Wade, the Tillamook hardware man, are camping at Happy Camp.

Walt Smith and family, of Wilson are among the many on the beach.

Mr. Fletcher, the McMinnville merchant, and family, are among us. Mr. Fletcher generally spends his vacations at Netarts.

The second trial of Representative Williamson ended with another disagreement of the jury—six being for conviction and six for acquittal.

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**BOULDER CREEK.**  
Mrs. Donovan, of Shoshone, Idaho, with her son Leo, and her daughters, Irene and Agnes, came in last week for a visit with her brother, Mr. John Borba. This brother and sister have not met for more than twenty years, hence the meeting could not fail to be a joyful one.

Dave Hess has been hauling lumber lately, to improve his ranch Wonder what this portends? That he wants to sell out, or is looking for a partner to share his joys and sorrows?

Mr. and Mrs. Chas. E. Young of Seattle, Messrs. Willie and George Douglas of North Yamhill, and Miss Ageline Southwick of Rickreall, who have been camping at H. A. Chopard's and enjoying the fine trout fishing to be had in our streams, left for Portland last Tuesday to take in the Exposition before going to their homes. Mr. Young is Mrs. Chopard's cousin.

One of Mr. Bunn's little girls is staying with Mrs. Mae Blalock during Mr. Blalock's absence.

H. A. Chopard and family reached home Tuesday after a week's outing at Ocean Park with a large party of friends and relatives. They report all kinds of sport. Clam digging and fishing for salt water denizens received their full share of attention. An immense whale, a number of large porpoise, and sea lions and seals galore were among the sights seen by members of the party. The lowest tide of the year occurred while they were there, enabling the ladies to collect some pretty shells, sea moss, star fish and other sea side curios.

Miss Mollie Hushbeck and Miss Harrison came up from Cloverdale on their wheels last week for a visit with friends here.

H. A. Chopard has gone out near Netarts to work in a logging camp. He expects to be gone until about Christmas.

Mr. and Mrs. P. R. Coulson and sons, Fred and Rob, Mrs. H. A. Chopard and son Norman enjoyed a chicken dinner at Mr. John Borba's last Sunday.

R. Y. Blalock has gone to work in the saw mill for his brother-in-law, Mr. Ed Donaldson.

We are informed that Fred Nicklaus has quit the logging camp and is home on a vacation.

A. O. Foland and family passed through our burg Sunday enroute home to Blaine.

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Fine Assortment of Rose Bushes.  
Send us list of trees wanted and prices will be quoted by return mail.

This is to certify, that I have this 27th day of December, 1904, inspected and examined the Nursery Stock of Mr. E. P. Smith, of The Eastwood Nurseries, Gresham, Oregon, and so far as I am able to ascertain, have found it in good, marketable condition and clear of any serious insect pest or disease. Their methods of handling and growing stock are first class.

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