

IOWA NEGLECTS HER ORCHARDS

GEORGE L. CLEAVER WRITES
FROM THE EAST.

Newspaper Clipping Tells of Diseased
Orchards There.

Ames, Ia., July 4.—Editor Observer:
Dear Sir—Enclosed clipping from a
Des Moines paper concerning Iowa
apples. This article is of peculiar
interest to me, because I had the
pleasure of one day through western

Iowa with the gentlemen mentioned
and Dean Curtis of the agricultural
college. They do not report percent-
age of dead and dying trees of these
varieties, but I should say that 90
per cent of the Bens and Ganos are
dead in the territory I went over. I
did not see a single orchard which
was properly cared for and the set-
ting of fruit is almost nil.

I asked Beach why the schools did
not advise the farmers to cut out
their orchards and plant corn or al-
falfa (a sure and profitable crop in
Iowa), using the profits from the
same land to buy apples and he had
no answer for me.

The corn, small grain and potato
crops through Iowa are great and
the weather is hotter than any place
I have ever been yet. The third par-

ty will hold their convention July 10,
Atlantic City, and fight in their small
way, I suppose

Yours truly,
G. L. CLEAVER

(Des Moines Register, July 4, 1912.)
Ames, Ia., July 3.—(Special)—Ben
Davis and Gano apple trees are dying
in such large numbers throughout
Iowa this season that the Iowa agri-
cultural experiment station horticultur-
ists, S. A. Beach and Laurens
Greene, recently made thorough in-
vestigation of the districts most af-
fected. They have just completed
their preliminary report in which
they say that injury and death of
these fruit trees is due to a number
of factors, chief of which are cankers
and blight caused by various parasitic
diseases; the early fall freeze of Oc-
tober, 1909; the late freeze of April,
1910; the dry season of the summer
of 1910 followed by the cold winter
with comparatively light snow, and
the extreme drought and heavy crop
production of 1911.

"All of these factors tended to
weaken the vitality of the trees," say
Messrs. Beach and Greene, "and par-
ticularly of the older and less vigor-
ous ones, rendering them less able to
withstand the unusual and continued
low temperatures of last winter. The
orchards which had been well cared
for are showing less injury than neg-
lected orchards and their trees are
recovering more rapidly. Also the
younger and more vigorous trees are
recovering more rapidly; they were
also less injured.

"In general, those trees which were
previously weakened by diseases or
mechanical injury are showing the
most winter killing. This was espe-
cially true in Fremont, Pottawattamie
Mills, Iowa, Polk and Page counties,
south of the Rock Island railway,
where no case of injury found was
traceable to winter killing alone.
Here the blister canker or Illinois
canker was the most common cause
of injury, and it is considered by the
experiment station as a very serious
menace to Iowa orchards. In Harri-
son and Woodbury counties severe
cold is the chief cause of trouble.

"Where orchards are afflicted with
canker or other disease, the diseased
wood should be cut out," advises Prof.
S. A. Beach. "That should be done at
once. The cuts should extend back
well into the healthy bark and wood.
The wounds should be thoroughly
cleansed and infected with any good
disinfectant as formalin, corrosive
sublimite, copper sulphate, Bordeaux
mixture, or lime sulphur, and then
covered with paint.

"Where the trees have been weaken-
ed, provide them with a generous and
continuous supply of food and the
soil moisture necessary to make the
food available to the tree. This can
be done best by breaking up the sod
and keeping the soil well tilled so as
to form a dust mulch at least three
inches deep. Whenever possible, ap-
ply manure, especially where the
slope is too steep for cultivation.
This will add fertility and help to
conserve moisture. Such treatment
will bring many trees back into good
condition, and while it may not pro-
duce results this season its beneficial
effects will continue for a good many
years later."

NOTICE FOR PUBLICATION.

Department of the Interior.
U. S. Land Office at La Grande, Ore-
gon, July 3rd, 1912.

NOTICE is hereby given that Wil-
liam Averill, Sr., whose postoffice ad-
dress is La Grande, Oregon, did, on
the 22nd day of August, 1911, file in
this office sworn statement and appli-
cation No. 09710, to purchase the NW
1-4, SE 1-4, N 1-2 SW 1-4 and SW 1-4
SW 1-4, Section 14, Township 5 South,
Range 35 East, Willamette Meridian,
and the timber thereon, under the pro-
visions of the act of June 3, 1878, and
acts amendatory, known as the "Tim-
ber and Stone Law," at such value
as might be fixed by appraisement,
and that, pursuant to such applica-
tion, the land and timber thereon have
been estimated and valued by appli-
cant at \$400, the timber estimated at
600,000 board feet, at 53 cents
per M; and the land \$80.00;
that said applicant will offer final
proof in support of his application
and sworn statement on the 7th day
of September, 1912, before the register
and receiver, United States land office,
at La Grande, Oregon.

Any person is at liberty to protest
this purchase before entry, or initiate
a contest at any time before patent is-
sues, by filing a corroborated affidavit
in this office, alleging facts which



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both outside and interior work
from cellar to roof.

would defeat the entry.

Claimant names as witnesses: John
T. Williamson, William H. Averill, Jo-
seph R. Williamson, and August J.
Stange, all of La Grande, Oregon.
F. C. BRAMWELL,
Register.

AT SHERRY'S.

"A Noble Red Man," an Indian love
story, showing the great love of an
Indian maiden for a suitor whom her
father, the great chief, has scorned. A
very strong dramatic picture enacted
by the Bison company.

"Nothing Shall Be Hidden," the
story of a poor inventor and his love.
The inventor prevents a burglary in
the home of his sweetheart and there-
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interesting comedy, and "The Flirt,"
complete a most interesting and well
arranged program at Sherry's for
Monday and Tuesday.

For the Busy Man.

Merchants' lunch from 12 to 2
o'clock. 40 cents. Foley Grill. 2-16-11

NOTICE.

On account that some one broke in
on the construction company's Pow-
er house, last Saturday night, June
3, 1912, therefore I forbid anyone to
trespass on the company's ground af-
ter 6 o'clock p. m., to 6 a. m., and
during the day time only such people
permitted who have business with the
company are invited by the company.
JOHN L. MARS.

4-11-12

Notice for Bids.

The school board of school district
No. 11, Imbler, Ore., will receive bids
on plans and specifications for an
eight room school building with base-
ment, to be constructed of brick and
cement. Bids to be in by July 14th,
1912.

The board reserves the right to re-
ject any or all bids.

Any special information wanted can
be had by communicating with the
board.
7-6-5t

NOTICE OF STREET IMPROVEMENT

TO WHOM IT MAY CONCERN: No-
tice is hereby given that in pursuance
of a resolution adopted by the com-
mon council of the city of La Grande,
Oregon, on the 19th day of June, 1912,
creating improvement district No. 61
and designating Oak street as sub-
district, and in pursuance of a reso-
lution adopted by said common coun-
cil on the 19th day of June, 1912,
whereby said council determined and
declared its intention to improve
that portion of Oak street in said im-
provement district as hereinafter de-
scribed by laying thereon gravel bitu-
lithic pavement, the council will, ten
days after the service of this notice
upon the owners of the property af-
fected and benefited by such improve-
ment, order that said above described
improvement be made; that the bound-
aries of said district to be so im-
proved are as follows:

All that portion of Oak street, from
the south line of Main avenue to the
north line of Spring avenue.

(A) And the property affected or
benefited by said improvement is as
follows:

The E½ of block 8 and the W½ of
block 5, Romig's addition to La
Grande, Oregon.

Notice is hereby further given that
the council will levy a special assess-
ment on all the property affected and
benefited by such improvement for the
purpose of paying for such improve-
ment. That the estimated cost of such
improvement is the sum of \$2,700.00.
That the council will, on the 17th day
of July, 1912, meet at the council
chamber at the hour of 8 o'clock p. m.
to consider said estimated cost, and
the levy of said assessment, when a
hearing will be granted to any person
feeling aggrieved by such assessment.
La Grande, Oregon, June 3rd, 1912.

CITY COUNCIL OF LA GRANDE,
OREGON.

By C. M. HUMPHREYS,
Recorder of the city of La Grande,
Oregon.
7-6-10t

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