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Corrected up to date, showing names
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For securing title to all kinds of Gov-
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Thousands have taken advantage of our "direct-
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Screen Panel Doors—15 sizes - \$1.30
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EVERYTHING NEEDED is supplied at
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tion we include all lumber, sash and doors,
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The house, which is of solid, double-con-
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dimensions, and is surprisingly roomy and
well arranged.
Architects plans, specifications and full
details about construction are supplied.
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We have the best line of Fresh Meats in the country
ALL KINDS OF GARDEN VEGETABLES IN THEIR SEASON

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I have the best bargains. Try me and see.

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Roofings, Fence Posts, Tanks of All Sizes
Fence Posts, 16 to 20 inch, 7 feet, 17½c each.
Phone in your orders.
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**HOG PRODUCTION IN
ARID WHEAT BELT**
Let Animals Harvest
Crops Themselves

ADVICE OF HOG EXPERT
**Byron Hunter Who Was With Demon-
stration Train at Madras Gives Ad-
dress For Publication**
Mr. Byron Hunter, agricultur-
ist of the U. S. Department of
Agriculture, who visited Madras
last week with the Farmers'
Demonstration train gives us the
following address for publication.
It is too long to publish entire
this week and will be continued
in the next issue.

To produce pork economically
much of the growth of the hog
must be made upon cheaply
grown feeds. Crops must be
provided which are inexpensive
to grow, which mature at differ-
ent seasons of the year, and
which the hog may harvest for
himself. Such crops will greatly
reduce the labor of caring for the
hogs and the cost of production.
I will give just one example to
make this clear.
By carefully weighing their
hogs and the grain fed for a
number of years, the Williams
Brothers in Wallowa valley, Ore-
gon, determined the amount of
grain necessary to produce a
pound of gain when fattening
their hogs in the fall of the year.
Under their conditions they
found that five pounds of ground
barley fed to hogs in a lot would
produce a pound of gain. They
then began feeding beets with
the ground barley. 160 head of
hogs were weighed and fed for
60 days. With two and one-third
pounds of ground barley and
what beets the hogs would eat
up clean they obtained a pound
of gain. The beets were a mix-
ture of the common sugar beet
and the White French sugar
beet. During the fall of 1907
they weighed 86 head of hogs
and fed them 21 days. With 2.32
pounds of barley and 5.42 pounds
of beets they got a pound of gain.
In other words 5.42 pounds of
beets reduced the amount of bar-
ley necessary to produce a pound
of gain from 5 pounds to 2.32
pounds.

Before entering upon the dis-
cussion of the crops to use in pro-
ducing hogs economically I wish
to say that failure in hog raising
may result from many causes
other than a lack of proper feed.
The following are some of the
essentials which should receive
due consideration.
That the hog may be the scav-
enger of the farm, it should be
enclosed with a hog-tight fence.
The stubble fields can then be
gleaned and the volunteer grain
grazed during the fall and win-
ter. Good pure water must be
provided for hogs can not be ex-
pected to make profitable gains
without plenty of water. Suit-

able shelter and shade must be
provided also. Shelter is espe-
cially important if the sows are to
raise two litters each year. Hogs
require considerable attention
and this should be given by one
who likes hogs and has some in-
terest in them. The art of feed-
ing, breeding, selection, etc.,
must be mastered. The follow-
ing bulletins will be found help-
ful to those interested in hogs:

Farmers' Bulletin No. 205, Pig
Management.
Farmers' Bulletin No. 272, A
Successful Hog and Seed Corn
Farm.
Farmers' Bulletin No. 397, Hog
Cholera.
Farmers' Bulletin No. 438, Hog
Houses.
These bulletins may be ob-
tained free by writing to the
Secretary of Agriculture, Wash-
ington, D. C.

PASTURE CROPS
There are altogether too many
hog raisers who do not fully ap-
preciate the value of a good hog
pasture. Careful tests of experi-
ment stations and the experience
of successful farmers throughout
the United States indicate con-
clusively that from two-fifths to
one-half of the grain necessary
to produce a pound of gain on
grain alone may be replaced by
good pasture.

Where it is possible the pasture
should be divided into two or
three lots and the hogs changed
from one to the other. Managed
in this way the pasture will carry
about one-half more head per
acre than when the hogs remain
in one enclosure all the time.
When a pasture has been given a
rest of ten to fifteen days the
forage is clean, tender and pal-
atable and the hogs eat it read-
ily. One of the most vital mis-
takes made in raising hogs is the
attempt of many to grow young
hogs on pasture alone. While a
hog can digest large quantities
of forage, by nature he is a con-
sumer of concentrated feed and
the grain fed daily while on pas-
ture should seldom be less than
2 per cent of the live weight of
the hog.

In the drier portion of the
wheat belt where the rainfall is
considered too scant to grow al-
falfa successfully, wheat and bar-
ley are successfully used for hog
pasture. Hogs are very fond of
barley until it is headed out.
Volunteer grain in the stubble
field furnishes the earliest pas-
ture in the spring. This is used
until the land is plowed. The
main winter wheat field may also
be used for early spring pasture,
many farmers allowing the hogs
to remain in the winter wheat
until they begin to chew the
heads.

Barley sown in the early spring
or wheat sown in the fall or
spring furnishes pasture from
the time the grain is three to
four inches high until it dries up,
about the 15th of June to the 1st
of July.

Summer pasture may be pro-
vided with wheat, corn, sorghum
or rape. The land for wheat,
corn and sorghum should be
plowed during the fall, winter,
or early spring. It should be
thoroughly cultivated several
times before it is planted to re-
tain moisture and destroy weeds.
If planted about the 15th of May
on well prepared land, wheat
should be ready to pasture in
about three weeks. This will re-
main green until far into the
summer. Corn and sorghum
should be planted from April 20th
to May 20th according to the al-
titude and the season. These two
crops are usually ready for pas-
ture in six to eight weeks after
being planted. The crop should
be from 15 to 18 inches high
when the hogs are turned in.
When planted to corn, sorghum
or rape the land may be cultivat-
ed with the hogs in the field.

(Continued next week.)
"I do not believe there is any other med-
icine so good for whooping cough as Cham-
berlain's Cough Remedy," writes Mrs.
Francis Turpin, Junction City, Ore. This
remedy is also unsurpassed for colds and
croup. For sale by M. E. Snook.

New Fall and Winter Millinery
Ladies' and Children's Sweaters, Aviation Caps and Shawls
New line of
**ART NEEDLE WORK IN ALL THE LATEST DE-
SIGNS. EMBROIDERY MATERIALS**
Optical Goods a Specialty
MRS. ISA E. B. CROSBY

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EASTERN OREGON Banking Co.
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DRAFTS ON ALL PARTS OF THE WORLD
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AN OPPORTUNITY
For you to get
Horse Blankets at Actual Cost
Stock must be reduced
Don't miss this chance to make
your horse comfortable this winter
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" Metolius 8:30 a.m. " Metolius 5:45 p.m.
" Madras 9:00 a.m. " Opal City 7:00 p.m.
Arrive Deschutes Jct. 1:15 p.m. " Redmond 7:45 p.m.
" The Dalles 1:55 p.m. " Deschutes 8:15 p.m.
" Portland 5:45 p.m. " Bend 8:35 p.m.
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