THE BEND BULLETIN


NEW METHoDS
When agriculture is discussed in
the upper Desclutes valley, irriga
tion is the chief topic of converss. tion is the ebief topic of convers.
tion-how water stould be applie When and in what amounts to pro
duce the best crops. This is duce the best crops. This is natur
and is as it should be. Men a invariably most interested in thos
occupations with which their dail lives are filled, and

## shoull be interested

zation when 80 many thousan
acres of fertile land are being madproductive through the work of the
big irrigation companies operating hereabouts. Irrigation will always play an important part in the lives
of the inhabitants of the upper Desclutes valiey
ceive much study.
However, there are many hun Oregon lying east of the Cascad range that can teever be irrigated ior want of water and because the
fand lies higher than any irrigation canal could be buils-you can no
make water run up hill wita aus segree of practical success.
such lands, fertile and vast in fent, much prouise is found in the
fesults, that are bsiag obtaine through modern methods of dr farming. A method of soil cultur discussed, known as the Campbel meethod, whereby the hat, barro veried into great grain fields, or thards, vineyards and happy homes This methoa, given a proper ten
will produce similar results on the Fastern Oregon.
On another page
win to foma an account tellint the Campbell principles of cultiva tion and thereby more than doublec the sield per acre
tract. This same produced elsewhere and there is $n$. doubt but that the yield on the dry farms between Bend and Prineville
could be greatly increased by a lit the extra work in line with Camp bell's teachings.
perpetuating the American goveris ment lies in a better and more scien ter agriculture. If this is true it is important that methods whereby crop yields are doubled and triple should be caretully sludied an applied. A wr
magazine says

## "As a class furmers ase the mond con Corvative men in the world. Mort

 We uryue that the methooth their fatien
and grandatiter cemployed mast nece
arily he the beat methods. neyardless on



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dephat of foom fout to to feet every
cultivating the surface, and the re-
sut is without exception a suall
yield.
That yield does not depend on
the amount of water applied is

 the surface to a depth of six feet.
To claim that this large volume
correctly represents the duy for
stech tand is a mistenres ntationt,
becanse the open space in the sut.
soit is gradually. filed with water
and the ground water level in time
rises
$\qquad$

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\begin{aligned}
& \text { at than old cuttivaled fields, nd crops } \\
& \text { of are likely to suffer if it is not sup } \\
& \text { If } \\
& \text { an } \\
& \text { plied. } \\
& \text { Other conditions being similar, } \\
& \text { Otess water will be used on a furm }
\end{aligned}
$$

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\begin{aligned}
& \text { 1. less water will be used on a furm } \\
& \text { which has a good system of ditches } \\
& \text { ryad laterals und a well cultivated, } \\
& \text { anen surface. The beginner is not } \\
& \text { even } \\
& \text { alwas posted as to the best way to } \\
& \text { lay out and build farm ditches, and }
\end{aligned}
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\begin{aligned}
& \text { he may not possess sufficient means } \\
& \text { to properiy prepare his teld for ir } \\
& \text { tigation. These defects invariably } \\
& \text { prove quite costly in the end, when }
\end{aligned}
$$

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\begin{aligned}
& \text { prove quite costly in the end, when } \\
& \text { measured in waste of water and } \\
& \text { small yelels. In an arid country } \\
& \text { thorought cultivation serves a }
\end{aligned}
$$

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\begin{aligned}
& \text { small amount of water.-Govern } \\
& \text { went Bulletin No. } 172 \text {. } \\
& \text { Btood Polsoning Sets in Bister. } \\
& \text { Miss Ethel Chapman was carty }
\end{aligned}
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\begin{aligned}
& \text { ing her left arm in as sling Tuesday, } \\
& \text { due to a case of bood poisoning in } \\
& \text { her hand. Sunday noif Monday } \\
& \text { she went horseback riding und ins } \\
& \text { holding the hotse, which had just }
\end{aligned}
$$

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\begin{aligned}
& \text { holding the hotse, which had just } \\
& \text { leen trought in fom the fasture } \\
& \text { and was rather anxions to go, she } \\
& \text { blistefed a finger on the feft haud }
\end{aligned}
$$

## $2=2$

4Ew

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Notice ror pubitíation.

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and


Boy Wanted.

