THE WESTERN HOME MONTHLY

This

Great Book

FREE describes, illus-trates the Fam-ous Kirstin Puller, both one man style and Horse Power. Tellshow to clear your stump land quickest, cheapest and

Quickest! Cheapest! Easiest! Way to Pull Stumps!

Use a Kirstin Puller On 30 Days Free Trial Pull Stumps at 5c!

Labor scarcity no longer prevents ANY man pulling STUMPS! One man alone handles, operates this famous Kirstin one-man CLUTCH Stump Puller! No help needed! No horses! Leverage principle gives man giant's power — enables you to pull

42

Pletter of provide the second offen stumps big, little, green, rotten, low-cut tap-rooted—or brush! Pulls them quickly! EASILY! CHEAPLY!! A record breaking 30 Days FREE TRIAL to prove astounding superiority! Clear one acre from one anchor—think of it! No longer is labor scarcity a good excuse for stumps—not with the

in Man Stump Puller Single - Double - Triple Power

-permits pulling stumps in from 4 to 10 minutes at a cost of from 5c to 10c.



About the Farm

Modifying the Constituents of Plants By Prof. Thomas Shaw

The various experimental stations in Canada and the United States have conducted in the aggregate an amazing these than by seeking it through increas amount of experimentation. The larger ing it in the corn plant? portion of it has been useful. But with Before an experiment is undertaken it is well worth while to consider whether the worth while to consider whether the results will pay for the labor expended in securing them.

To cite an instance by way of illustraence may be made to an experiment several years ago at the Illinois experiment station, with reference to increasing the protein content in the corn plant. To accomplish this even in a moderate by selection in the seed. The seed of of growing such legumes as alfalfa. corn will vary somewhat in its protein It must not be understood that there

In Illinois protein can be abundantly supplied from other plants which would bring nitrogen to the soil also, in the process of their growth. Would it not be wiser to seek protein by growing

In much of that State clover and alfalregard to some of it a question mark fa may be grown with at least a fair may fitly be placed at the end of the measure of success. In the southern report concerning it, not for the purpose half of the state the soy bean and the of questioning its veracity, but rather cow pea grow in good form. Would it for the purpose of questioning its utility. not be wiser to encourage the farmers to grow these as a source of protein? The soy bean especially is exceedingly rich in protein. The medium varieties, as the Ito San, and the large varieties, as the Mammoth Yellow, will produce readily a tonnage that will fit them for tion as to what is meant exactly, refer- siloing. Would it not be much wiser to grow these and to silo them with corn than to increase the protein content in corn? To the writer it would seem about as great a mistake for the Canadian stations to spend time in increasing degree several years of experimentation the protein content in timothy, while were called for. This was brought about they should rather be perfecting methods

content, though of the same variety and is no place for changing or seeking



corn, for s incre are g may leaf for t such ficati or th be sli conse Ag beet. is bu loss beet. Shou but : exten defec shoul ing, i by ١ growi will crop, its fo One amou the s only Now great would large with hull y the y crease This ting 1 of th mate produ grain prote sentia is a l

with the 1

For

mend

To confr Of co adopt be, an winte ever, vest a the 1 Altho ing hi

is lool as we

The more A little more protein in corn than is intrinsic value, but it will not affect the

It is also not only legitimate but commendable to increase the starch content in potatoes when these are grown mainly Usually such use. Now, if the starch content can be increased in these materially without be commended. But this would not justify experiment with a view to change the starch content in the ordinary

It is also not only degitimate but it is change the habit of growth in plants

of th where grown balan quant small, beef. ponen if in assim passed digest millfe notes in my highes

Cot in pro and b tion. ing va it ho larges be ha vearli unequ not be age, o

A R Asthm extrav: servati which perman and yo inen: