## Wonderful Change Wrought in Nebraska Growth by Tree Planters

President of Nabraska Park and Forestry Association.

REES have certainly produced a marvelous transformation, I came to Neuroskia in the full of 1871. The whole land was an suffinity of prairie. The emerald. of the carta touched the blue of the heavens in the far away horson, with nothing to intercapt the meeting. Your vision wearied at the vast and limitless expanse, with not a tree to great your eye. Your vision went on and on, you kept looking for sometime that was not

And all this willis the risk soil was hun-

Mry for trees; when planted and cared for their growth was astonoshing. I stand on an eminence and look over Turk, and see what freen have done for this place and this is a sample of what has been done for other ocalities. When I come here there was not ren or struk on the town site, it was et a bare mairie, with plenty of morn for lown. There were an chantles, three of them moddles, and all of them of the procest construction. Immediately we began to plant: I remember I brought some while willow stakes and set them out. They were about eig feet hall I planted them deep, and how they gree! They made a complete wind break around by half block. They were all out away fifteen years ago and averaged two feet in diameter. They greev

or the trees had to go. CATALPA FENCE POSTS ON THE PLANTATION OF L. D. RUMANOW. For the earth and up to the stark Let also would make fair saw logs. There descitation Break the coal trust by raising But where it can be grown it is a money ter of the earth and up to the stark Let him the here several cottonwoods here that would made amazing growth. York is now a forest city, completely embowered with grand trees. When the flerce gales are The number takes a heastiful point and it turner. He does not hold his band for families. They spend shough on engars to awapt through the town and raged over the prairies. Now in a high wind there is comparative calm, so complete is the

so fast they threatened to devour the sarth; they invaded the garden and the garden

The Terror of the Nurseryman?

protection afforded.

Nothing but everbrowns," said an old "You can't raise avergreens in Nebraska." We are raising them here by the hundreds of thousands. They are the terror of the nurseryman. They must be sold young or go on the brush pile. I feet in four years and then it was just ready to make from one to two feet a year. Here are splendid Austrian pines, I planted myself, that would make good saw logs. We have touched in all these years our possibilities, we have found with the decreasing lumber supply that in a few years we can raise evergreen barns fence, so generally used.

We find evergreecz well adapted to our deal of misinformation concerning it. ing great satisfaction:

kaider who raised 12,000 buil pine trees the only true hardy catalpa. out the flerge porth winds.

The Bespised Corrogwood.

In thousands of instances the despised entionwood has proved to be a great ners besides an immense amount of fuel, Here is a rental of \$12 per agre per year, with lumber at past prices. Remember lumber is going up all the while. Cortonwood is far better and stronger than pine for boxes, bridge planks, sheathing and framing. So many successful experiments show the criminal waste of allowme rich bottom lands worth \$100 per acreto grow nothing but weeds, when they could just as well go to raising houses

The Norway Polar or sudden saw logis the most rapid growing tree in our northern states. It is probably of the commond family, the main type, as it in Carolina and yet it is different. It is hardy in Manitoba, where the Carolina cannot live. Here we have raised hundreds the first season eight to nine feet tail from spring planted cuttings. It makes fine lumber, with a smooth finish and is suitable for pulp and excelsion. Trees grow rapidly from cuttings and there is no reason why they should not he grown by the million.

Lesson for the Future.

The splendid successes of the past should he an encouragement for the future. Every farmer should plan for planting trees for profit. Native timber like the ash and only is not always profitable. The quick growing trees give returns in a short ime. A cavenous hunger for himber is devouring our forests. Terrible fires sweep. through large tracts, leaving a fearful

### Making a Campaign Hit

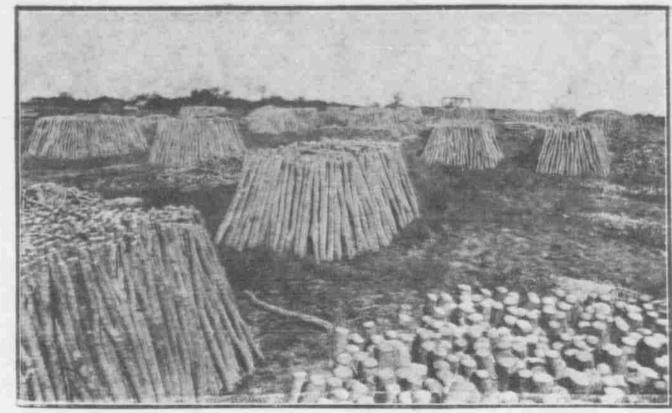
running for office will do.

meeting composed largely of Norwegians, ing a membership of 180 cmbs, and also many of whom could not understand Eng- has bee more clubs affillated with the lish, while he didn't know a word of Nor- General Federation than ever hefore. wegian. Annious is please, he said to like It is true that Omana Woman's club will

out carefully, rehearning the speaker in advantages had passed those who sought pronunciation and showing him where the them withdrew. Five years ago, because eratorical period should come. The speaker necessary restriction of the club prevented went through the usual talk and then, the expansion they desired and the broader coming to the sentence firmined by the work they had become fitted to do, a chairman, roared our

"Vil dere alle sammen vacre so amile at partment withdrow to organize the Society gan ned og have lidet forfriskning pan min of the Fine Arts, a club the Omaha sekostning I salomen nedenunder!"

Why," said the chairman, "you saked retain their membership, although many of developed in Omains and the same from attention to other things, the younger heaty elected officers are from the range lesson, the same from attention to other things. them all to go down stairs and have a them are now devoting their energies to the heginnings made by the mother club, women in the club have come forward to of these younger members drink at your expense!"-IR. Paul Dispatch, more specific lines of work that have as these older women have turned their take their places and the majority of the Mrs. M. D. Cameron? the new president, will have three of its executive officers.



posts, telegraps poles and railroad ties. In and toil thrown in. Kansas they are raining those trees to take. There is a disease of restleasness which them, they spend as they go, laying up the place of white nine. They grow ranidly rakes possession of the native been nothing if they marry. God help their to the strongest light wood that grown be- himself and children and children, support wife and children. No processon to the used for theil handles and even for our He sells and moves into town. Hence he made for but age. Fifty years from now

your own wood. Raise your own lumber maker. You look on and see it grow, and him keep it and keep it well. Let him die cut over 1,000 feet of lumber apiece and and save freight and prices double what it brings in a rearry remai of \$12 to \$15, amid surroundings which he himself has they have just begun to grow. Ash, Elin. you are now paying. Plant catalpas for more than you can get for all your sweat made. Go through most our towns and see

our young men, some of farmers, most of does not improve his place. Let him fix it you will see a mighty army of vagabonds, The spectors is reasonably bardy. It is in plant a lot of trees and have a yearly dying in after poverty, buried by the pulsworthless beyond the 100th meridan, as it income from his crops, fruits, wood and lie. When these very men and their wives, can not stand the drouth and it is hardly himber and he has a singdom of his own if kept on the farm, would be ornaments to

## Catalpa Tree's Value for Prairie Planting is Demonstrated

BY FRANK J. PHILLIPS.

Nebraska university has been 25,000 seed per pound.

soil and climate. The pinus penderosa or One of the most frequent questions asked two specimens which have all the characteristic and the most frequent questions asked two specimens which have all the characteristic and the most frequent questions asked two specimens which have all the characteristic and the most frequent questions asked two specimens which have all the characteristic and the most frequent questions asked two specimens which have all the characteristic and the most frequent questions asked two specimens which have all the characteristic and the specimens asked two specimens asked the specimens asked two specimens asked two specimens asked two specimens asked the specimens asked th built pine is a Nebraska product. Once is where good stock can be obtained and teristics of hardy catains with the excep- while the cost of emilenting and cleaning established it will resist any amount of how it can be recognized. It has often tion of the bark, which is flaky on one usually ranges from 30 to 10 cents per portions of the state the pack pine is giv- instead of hardy catains. So far as my sort. Frequently I have noted this in re- cents a pound. for \$2 per acre can in time reach a value claims. Many such men have gone into the ample of seeds or pods belongs in one seed will overlap. A well

URING the last three months mon catalpa has \$5,000 to 40,000 seed per hardy catalpa and have proven hardy. the forestry department of the Bound, while hardy catalpa has 20,000 to Many planters have little knowledge of

MRS. W. P. HAR-FORD

common catalog has a flat spindle-shaped are acmainted and are willing to guaranhave had the famous buil pine grow two Head of the Forestry Department of the seed, while that of hardy catalpa is tee that their seed has been collected from crimities and reconsigurar in shape. Com- trees which show the interactivistics of

the case with which hardy catalpa seed In receipt of over 200 inquiries. It would seem from this description that may be grown in the home nursery. The concerning the planting of it would be comparatively easy to dis- pods should be collected from shade trees hardy carains. Most of these tinguish between these two species, but or wind Svenics, since trees in the open inquiries have come from Nebraska, from unless one has remarkably typical trees lear comparatively much larger amounts which will afford fine protection in our men who are anxious to establish forest before them it is very difficult to full the of need than those growing in plantations. dry winters, two rows of trees around a plantations varying from one to ten acres trees or pods or seed of mardy camipa Single trees I years not often near fifty fourth of an acre will soon give fine in size. At the present time this tree is from those of common catalpa or the hy- to seventy-five pounds of pads, which will shelter, away ahead of the barbed wige considered the most important one by brids. In fact, there is every possible Field five to safteen pounds of clean seed, prairie planters, and yet there is a great gradation from trees of the hardy extulps according to the care used in collecting all to those of the common catalpa. I know of nods and in cleaning the seed. Catalpa





NTRY ROAD NEAR BILLINGS, MONT. SHOWING RESULTS OF TREE PLANTING, NEW RANCH ON THE REART

dry weather. The Austrian makes a fine been challed that from 90 to 95 per cent of and ridged on the other. Yet, I am con- point. Collectors of small amounts who tive and absolute, on rich, deep, wellgrowth. For the eastern and northern the stock sold has been common catalpa winced that they are both of the hardy live at home may readily collect it at 15 drained stills, and in several plantations it is followed, the owner should thin out all thrifty as in a greater spacing, although the own experience is concerned, I have found gard to the other distinguishing characters. If the seed is to be sown at home, it profit that is equal to or greater than the of the first year after outting back. Trees have done wonders for the sand- few indications that Nebraska nurserymen istics, and when one remembers that the should be sown in drills twelve to eighteen average profit from farm crops for the hills, proving what can be accomplished, of long standing are selling pour stock, two species cross promiscuously and that inches apart if it is to be hand cultivated, same number of years. Judging from Once established, even on bare sandhills, On the other hand, many of the agitators, the size on which the tree grows greatly or twenty-four to thirty-six inches apart plantation. Most of the successful cents cultivating one part of the sprout growth they are now making two feet a year and who have claimed that they are the only affects pod and seed should it gives promise of being a very valuable mercial plantations have had an original and leaving the other part uncultivated in the are now and and leaving the other part includes on hardy catalpa, have pro- apparent that there is a great deal of he sown one-half inch deep and should be tree for planting on flood lands where the spacing of txs feet, while some have had a order to determine whether cultivation will as logs, so that lands now worth only duced small results on which to base their difficulty in telling whether a definite exdiese of raising catalpa seedlings with species or in the other. So far, no real loam is to be preferred as a seed bed, but has been known to have been covered by spacing of sxs feet up to lixil feet, but twelve to twenty years after being established.

Spacing Between Rows.

low men have recommended an original There are almost limitless possibilities the sole intention of charging exorbitant authority has laid claim to being able to neavier solls may be used with consider—water to a depth of one to three feet for when the plantation is to be managed for lished and if the sprout growth is very wealth hers. We know a roung Kin- prices by claiming that their seedlings are distinguish the seedlings. The only fair able success. The soil should be cared for a month without killing the trees. basis is for the seed collector to know all much the same as is necessary in good. The trees should be planted on plowed ing is to be seriously questioned. In one two to four years less time than the first from two penuls of seed. These har raised

The difference between the hardy catalpa the characters of bark, flower, pod and

gradening. The trees will be ready for land and should be cultivated until they Nebraska plantation, in which one part was

gradening. The trees will be ready for land and should be cultivated until they Nebraska plantation, in which one part was

gradening. The trees will be ready for land and should be cultivated until they Nebraska plantation, in which one part was

gradening. The trees will be ready for land and should be cultivated until they nebraska plantation owners cut their

in the open as easily as he would raise and the common catalpa may be briefly seed, and the common catalpa may peas or officers and officers and forms a more crooked growth. There are two general methods by which solven and forms a more crooked growth. There are two general methods by which solven and forms a slightly longer growth. dutlay a man can raise forty acres of than the Lardy catalpa and hence is at the prairie planter may protect himself nine tress which will soon give shelter most useless as far north as Nebrasku, and be fairly safe. One is to study the may be grown at home as easily as this been customery to cut the trees back to the acre as the greater spacing and the interest to his stock. So with evergreens you have ground after they were I years old, in creased quality more than offset the extra vary widely, but on the best plantations choice specimens for your gard, fine flowers without purple color in the tube, select his own seed from high type hardy. In field planting it should be remembered order to secure straighter growth and to cost of establishing the first apacing. It is groves and shelter beits for your farm pods five to ten or more in cluster, the catalpa trees only. The other method is to that se far the hardy catalpa trees only. yards and splendid wind breaks to keep pods usually varying from eight to ten buy seedlings from reliable, long-estab- commercial success north of the case been followed to a considerable be harvested by property caring for the inches in length. A very pronounced dif- lished nursery men who have taken pains the area drained by the Platte river. The extent in the large Kanisas plantations, but sprouts which spring up from the old been reported. Plantations of 400 to 1,000 ference is also apparent in the seed, as the to select seeds from trees with which they tree makes its greatest profit, both reig-recent experimental work has shown that stimps, but the writer has found that the

in Nebraska and Kansas it has made a except one sprout to the stump at the end first growth had been fully as strong. It will be noted that a ixe spacing in the planting will allow the owner to thin out to 0x8 feet after the first crop has been harvested. It Spacing may vary with the purpose of the is hoped that some planter will also fry

would furnish a relatively greater profit.

Profits from hardy catalpa plantations net profits of 45 to 37 per nors per year are not uncommon, while greater profits have Kansas and in some of these there has been three harvests from one planting. Practically all these plantations have shown that the fertile soil pays a relatively greater profit than the soil poor in fer-

Nebraska has already had several examples of successful planting, and it is to ne hoped that the future planting of the species will proceed along rational lines and yield excellent results. Much remains to be known concerning the possibility of extending the planting range, the value of various possible methods of management. The principle value of the species in this region at the present time is for fence posts, with the had calls and the small stuff going into the fuel pile.

# mines maker. In thirty years returning Omaha Woman's Officers and Delegates to G. F. W. C. Convention



Women's clubs meets at Cindinnari, May 11 to 18, Nebrasita the largest delegations it has the sent to this largest of all the big There is a story on a St. Paul man going women's meetings. Notwithstanding the the rounds which might as well he cry raised so persistently the last few years biamed on one man as another-any one that the woman's club movement is on the ductine, the Nebraska federation is larger The story is that this man went to a now than ever before in its history, hav-

send a smaller delegation than previously. "Now please give no a good ripping line but the strinkage in its membership is th Norwegian with which I can close my condily accounted for. It resented the high apeech-something that will create an mark during the exposition years, when membership afforded special advantages. The chairman compiled writing a line When the expositions were over and these majority of the members of the art dawoman's club is proud to call its off-There was a yell of delight, a vociferous spring. These have been its chief losses sund of applaums; a shrick of joy and then in membership. Naturally the personnel stampeds of 500 eager men for the door, of the membership has charged to some 'Geef II man a nit'" exclaimed the extent, but a large majority of the women speaker, "When he is mean in English?" who have been active in its work still a nitt" exclaimed the extent, but a large majority of the women

TRS EDGAR ALLEN

has already served the club on its executive no larger sends whole communities scurrycommittee as recording secretary, and Mrs. ing to sover. Millions of dollars are being N. H. Nelson, the new recovering recretary, spent in the fight against tuberculosis has served as treasurer. In these offices, and, in moderate cases, not without sucboth women have demonstrated their fit- cess. Diphtheria no longer seals its vinness and their ability to serve the ciub sim with the sign of death. No evil of the in its important offices. Mrs. C. W. Hayes, system seems to be wholly beyond the area the new vice president, and Mrs. L. J. of cure. Healey, the new second wice president. Now, supposing that the doctors keep have both been leaders of the current us all well until the time of senile opitopic department, while Mrx. George tapse, will not the race so numerously in-Bonner, the new corresponding secretary, crease and so press upon the means of subhas served as chairman of the membership sistence that we shall all be at each other's committee and is a charter member of the throats? By abaishing war, pestilence and club. Mrs. E. R. Hume, the new treasurer. famine, India is becoming one vast human has served as assistant treasurer during the congestion which may one day invite a last two years.

It is the custom of the club to send its many mouths to feed, may not be able to president as its first delegate to the bien- silay. At the present rate of increase of nial convention of the General Federation the earth's first family all the acable land so that Mrs. Cameron will head its repre- will be used to its natural capacity for the sontatives. Mrs. W. P. Harford, the sec-production of food in 196 years. But supand delegate. Is a most president of the pose the present growth is accelerated? chib. That office she filled with distinction Then we may be at the end of our bether during the Transmississippi exposition and in five gamerations, save as intensive farmhas since served in many advisory uspact- ing and the intensive cultivation of sea ties. Size is at present president of the food may prolong the period and one out Counts Young Women's Christian associ- the struggle for existence. arrow and identified with much other subile work. Mrs. Sterling H. McCaw and question if the race will be any the better Man Edgar Allen are the other delegates off in the long run for the ours or attentaand Mrs. N. H. Nelson, Mrs. C. J. Healey, ston of its life than it will be if nature.

#### Suppose Disease is Banished

few are chosen; but Prof. Rampoldi of the University of Payta is not a musck and he may have achieved such a remedy for cartour as the knife is for appendicitie, or such presentive as vaccine is for smallpox. If every bane has its antiquis cancer not exempt; and why not die fame of a discovery of its antidote to Rampoldl as well as anyone else. At last the victory

But what is going to happen to the human tace if, in the progress of medical science, a specific is found for every if that human desh is held to excepting extreme old age? Precisely that is what science and hygiene. are striving for and slowly succeeding in-There is now a serum for the black death, and no longer does the playine stay its myrinds. Cholera may be conquered; its victorious for is deanliness in housing. etothing, sating and drinking, Smallpox

famine that quisiders, themselves with the

And all this raises the debating office Mrs. Samuel Rees and Mine Jeanette takes its usual course, keeping numbers. In this representation the Greates could to hartle for fixed.—dan Francisco Chronicia down to the mint where men will not have