WILLAMETTE FARMER.

INCURD SVERY PROAT, BY CLARKE & ORAL PUBLISHERS AND PROPERTORS. S. A. CLARKE. D. W. CRAIG. Terms of Subscription.

One copy, one year (52 numbers) One copy, six months (26 numbers) 1.25 PORTLAND, FRIDAY, MAY 2, 1879.

Pruning in Forest and Orchard,

The ideas that "all pruning is wrong," that "finger and thumb" pruning is the true way, and consequently "summer pruning" is the best, are all "better than beautiful," and make fine talk, but unfortunately, we are often confronted with specimens far beyond the stage referred to in training "up a tree (child) in the way," etc.

We find "as the twig is bent, the tree is inclined," and it is important could not control if we cannot absolutely correct them.

In all pruning, the great thing is to object aimed at in pruning. In the and the effects of the crop on the form of the tree must be thought of.

If the tree droops naturally, or is upright; if the head is open or dense; if This liking for sour milk is often a Working the animal mentioned every

One of the most important points in But cows so fed had always hay, some spavin. He commenced to hop as the good pruning is to induce new growth corn stubble, a few nubbings of corn, front ones were relieved. Losing sight where needed. "Water shoots" are and the waste from the kitchen. In of the horse soon after, I cannot say if the dread of many, but the joy of the this way the great variety of food the contraction cure was permanent. philosophical pruner, and the rejuvena- they received was much more favora- A man who thought he knew more tor of the tree. To force dormant buds ble to health and a large production of about horses than I, bought him to into active growth is a nice and im- milk than a forced feeding on one or cure the spavin, by a process which he portant process.

Heavy cutting causes the growth of profitable for fattening animals, for punctured and cauterized it, and then, "water shoots," and they are most de- with these, impairment of the constitu- equally sensible, thought less cruel, sirable, so as to furnish the material to tion is thought to be of less impor- bound on a live toad.-Country Gentlegradually renew the tree. The pruner tance, as they are to be killed so soon, man. has to calculate for his effects in years But in feeding cows, and especially to come. In dealing with such shoots, young cows, to induce a large secreinstead of whittling them all out, and tion, the high feeding should include this is the entire extent of much so- a great variety of articles, and thus in- long life spent in tropical fever districts called pruning, we alm at selecting duce a habit of hearty appetite which he has been able to escape infection and regulating with view to futurity. will continue through life. Where too close we cut out a portion,

after selecting the most fitting, and an inch and one-half from the inser- intelligent nature, but the actions of sap, and converts the stubs into successive generations, been frequentfruit spurs, when the remaining por- ly repeated, became at last organized tion can be cut off, without danger of a into a purely mechanical reflex, and best to braise the base of the shoots by we call purely automatic or blindly inbending them over, so as to effect the stinctive. Thus, for instance, the same object. Pruning and thinning scraping of graminivorous birds in or tree-pruper.

All the idiosyncrasics of the different through successive generations the ac- diseases, and has thereby been often

Management of Young Cows. SHOKING HORSES.

Contrary to the usual doctrine, I be-On some accounts, says a correspondent of the "Rural New Yorker," it is lieve the shoe should be perfectly level Irish language was spoken more or probably better that cows should be fed and smooth for a sound horse. I have less in every county throughout Ireand grown on the farm where they are uniformly met with success in shoeing land. It is estimated that one-fourth to be kept. If brought to a strange contracted feet with what may be call- of the gross population, or about 1,000,place, it takes some time for them to ed conical shoes, where the inside of 000 people, spoke English exclusively, become wonted to the locality and to the web was thicker than the outside. while probably an equal or somewhat the other stock. A casf saved for a With such a shoe, in every motion of greater number knew Irish only. In cow will be petted and humored in the animal his weight is a level to- the intervening period down to the

such a way as to be made gentle and wards expanding the foot. kind to handl). It will also probably One case was so remarkable a cure, place, as is conclusively shown in the

better milker also. These hearty feed- team kept for park use in Philadelphia, land now only about 162,400, or one in ers should be allowed to breed early, when he came into my hands was so thirty-six of the gross population, still so as to determine the flow of vigor to crippled by contracted feet and its fre- know no other tongue than Irish. the milk glands as early as possible, quent accompaniment, "thrush," that When Carleton first issued his "Traits

having one calf, the heifer may be fed stall. I first sawed his hoots off with a his narrative contained a large number liberally to keep up the flow of milk as hand saw as being less trouble than of Irish words which in subsequent long as possible, and also to increase cutting, sawed a barrel in half, putting editions he found it necessary to rethe size of the cow. If the helfer is of a double bottom in one, so he could move, as they were no longer undera good milking strain, she will, with stand in it for a couple of hours every stood; and Dr. Hume tells us that even

she is capable. Variety of food is especially impor- shoes on him; the inside of web proba- less prevalent over the thirty-two tant for milch cows. It ensures heavy bly three-sixteenths thicker than the counties, with of course local variations to know how to modify conditions we eaters and a good digestion. Cows outer. It is easy enough to get such here and there, is the result mainly of that have been trained to eat any and shoes on by driving the nails side the successive English and Scottish

everything edible are much surer to and side about, and not clinching till immigrations. be profitable, because they thus eat all are in place. If one side is tailed study the present conditions, natural more than they could of a single arti- first it will cause the other side of the may be. One of the best cows I ever able mode to that often practiced by erchard the mode of bearing the fruit, knew was grown on the farm where smiths, of putting a pair of strong she always lived, and never lost the tongs between the heels and bending liking for the sour milk which she ac. the shoe, as should the shoe break the quired while a calf, fed from the pail, foot would receive a severe wrench.

the fruit is evenly distributed, or in valuable point in a cow at times when day, averaging 18 miles, he was in two "clumps" or in "ropes." Bearing trees there is no other way to dispose of the months sound on his front legs, and generally want cutting off from the un- surplus. It used to be thought hard able to show what was really wrong derside, to give air, light and room be- usage to keep cows in the early settle- with him. I had noticed what is the latter continent the forests of cinlow; and to counteract the growth of ment of the country on "browse"-the technically termed a "jack," but the chona were being rapidly destroyed. the fruit at the extremity, shorten in. buds and tender twigs of fallen trees. pain in front obliterated the pain of the

two articles of food. High feeding is informed me was as follows: He

A correspondent writes us from the Sandwich Islands, saying that during a and miasma by the use of gunpowder, supplemented by a few simple precautions against sudden changes of tem-WHY CHICKENS SCRATCH.-Inhalf-cut-through at about an inch to stipcts must originally have been of an perature, sunstrokes, bad water and the like. Ho uses no water that has tion, of a portion, this arrests the flow which they prompted, having, through not been boiled and afterward kept from air contact; but his main reliance is upon the practice of burning a thimblefal of gunpowder in his bed room new crop of "shoots." Sometimes it is therefore now appear as actions which and very small quantities in his trunk, wardrobe, etc., so as to keep his clothes in an atmosphere feebly charged with gunpowder gas. In Madagascar, Re. out the fruit is often accomplished in earth and stones was no doubt original. union, Mauritius, the East Coast of the same operation by removing the ly an intelligent action, performed Tropic Africa and other fever-smitten fruit spurs on the limbs by the knife with the conscious purpose of uncover- lands he has found such simple ing seeds, but by frequent repetition means a sure preventive of epidemic

The Irish Language in Ireland.

Early in the present century the

present time a great change has taken be a better feeder, and this means a that I recount it: One of a valuable censuses of 1861 and 1871. In all Ire-

and thus increase their size. After he could scarcely hobble around in his and Stories of the Irish Peasantry,"

The cultivation of cinchona, the bark modes of growth or "habit," and the cle, no matter how rich or palatable it shoe to gape. I believe this a prefer. from which quinine is extracted, has met with comple success in the English and Dutch East India possessions. Holland has at present 2,000,000 and England 2,500,600 trees in good condition. France is also engaged in ex- New York City. periments in the Island of Reunion. Some trees in the English possessions have yielded 61 instead of 37 per cent. of the product in South America; on

W. A. Collver of Coos Bay, is inventor of press for packing dried nops, fruit and vegetablss of all kinds that have been properly dried by any process, and A. B. Collver is now canvassing the Willamette Valley for the sale of these machines. They cost \$25 to \$35, according to finish, and will pack the fruit in twopound packages, in paper boxes, as fast as a man can possibly weigh it out, and faster than the same force can pack the same fruit in fifty-pound boxes, and at less cost, as the weight of the paper boxes goes in with the weight of the fruit. These paper boxes handsomely labeled and printed, can be ordered from the makers at the East at a trifling cost. Every man who has a Planmar draw or other word draw has a Plummer dryer or any other good dryer should have one of the Collver machines. Mr A. B. Collver travels with one of his machines

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HARPER'S WEEKLY

1879.

Will make the season of 1570 as follows: **1 my Parms** in Waldo Hills, Monthys and Tuesday **NEA TON**, Wednesdays and Thursdays. **MCIO**, Fridays and Saturdays. "ERMS-Leap, \$10; Season, \$15; Insurance, \$30; The Season will begin April 7. DESCRIPTION AND PEDIDORE. LOUIS Napoleon is a lifted dapple gray, 10 hands high, and weights 1500 hi was sired by the imported Norman horse Louis Nape and his dam by Hoyal Sampson, imported by Col. O of Takewell co., II.; his grand dam was a French Ca an marc. Come and see the horse hofore making arrangements. [mh7m3] T. J. EDMONDESC A. B. Collver travels with one of his machines, and gives a practical exposition of its working. All who purchase them can also order boxes of Mr. Collver. The machines are made and sold at the furniture manufactory of F. J. Babcock, Salem. Specimens of the packed fruit can be seen at the office of the Willamette Farmer. At present Mr. Collver is canvassing the east side of the river, between Salem and Portland. Nov29-78-tf TRADE MARK. An unfailing cure for PATRONS OF HUSBANDRY State Grange Deputive for 1878 Before Taking

RARRA Co. - Thomas Smith, Baker City. BENTOS - A. Holder, Corvalia CLARNOR - W. H. Gray, Young's liver. DOUDLAS - D. S. R. Buick, Myrtle Creek. JACKSON - J. N. T. Miller, Jacksonville, Josephrmum - Joseph Pollock, Leiand, LARR - Roscoe Knox, Cressell; Alien 1 5. LINS-R. A. Irvine, Albany Manroy-J, W. Bacheller, J MULTNOMAU-Plympton Kelly and Jacob Johnson, East Portland. Pota-F. A. Patterson, Dixie. TitLAWOM -J. C. Howley, Tillamook. UNION-John End, Tygh Valley. WASCO-John End, Tygh Valley. WASCO-John End, Tygh Valley. WASUNTOW-J. A. Richardson, Tunlatin; J. W. Sap YANNILL-R. R. Loughlin, North Yambill. WASHINGTON TREEPTORT.

such treatment, make a superior cow, evening; filled it with water as hot as in their modified form there are hunand in any event, this management I could bear my hand in. On coming dreds, probably thousands, in Dublin will bring out the best results of which out of this I stood him the rest of the who cannot enjoy Carleton's stories. time in poultices; put very conical The existing dialect, which is more or

FRUIT-PACKING MACHINES.

excellence.

BRECHER.

Mr. Beecher thinks well of the Chinaman and in a recent lecture caused a sensation in this wise: "The Chinaman sends only his wages

railroads he has helped to build, or the tomary stimulus, the chickens immediimprovements he has helped to make in the soil and in the industrial facilities of the country. No one murmurs because hundreds of millions of dollars left their relatives in that island when And numberless other cases might be are sent to Ireland by emigrants who they became American citizens. But given to prove that animals acquire it is said that the Chinese are heath instincts by frequently repeating intelens. That is true. It is urged that ligent actions, just as we ourselves acthey worship idols which their hands quire, even in our individual lifetime, have made. That is true. It is claim- an instinct to adjust our nightcaps-an ed that they won't become Christians. Well, we have clubbed them, stoned nounced as to assert itself even when them, burned their houses and mur- a man is in the profound unconscious- than to all other causes combined. A dered some of them-yet they refuse to be converted. I don't know any way except to blow them up with nibornness. If I were a Chinaman I by a whisky-drinking, tobacco-chew- emitted from the base of the cuttings, ing rabble."

trees and varieties must be thor- tion has now become blindly instinctoughly known. Each subject will de- ive. This is shown by the following that gunpowder is destined to invert mand different treatment, and it will experiment: Dr. Allen Thomson tells be found that "brains" makes the best me that he hatched out some chickens tree-pruner-practice produces true on a carpet, where he kept them for several days. They showed no inclin-

their feet was of too novel a character to call into action the hereditary instinct; but when Dr. Thompson sprinkled a little gravel on the carpet, home. He does not send to China the and so supplied the appropriate or cusately began their scraping movements. Yet, for aught that these chickens can have known to the contrary, there was as good a chance of finding seeds in the carpet as in the thin layer of grayel. instinct which may become so proness of apoplectic coma .- [The Nine-

teenth Century.

A lady who loves flowers propagates to Heaven. Seriously, I think the may practice her simple mode. She would refuse to accept a religion that placed various cuttings of colons, gerawas interpreted to me from the point of a sword or from the side of a club surprisingly short time white roots are owned a

when they are potted off singly into

When Professor Graham Bell was in pots. In winter, this plate of cuttings rivals, no better illustration could be had o London he was asked how he account-ed for the fact that a large proportion of new inventions came from the United States, and how it had come to pass that he, a Scotchman, born and educated at home, should elect to go and live in America and date his dis-coveries thence? He said that the fact was, in his case—and he knew that the difficulty was felt with others, —that he could not easily obtain in Engiand those appliances which his work required. London he was asked how he account- is almost as refreshing to the eye as a this fact than the immense sale already at coveries thence? He said that the fact was, in his case—and he knew that the dificulty was felt with others —that he could not easily obtain in England those appliances which his work required.

rought to the philo ophic renection the aim intended by its fabrication .--Scientific American.

The farmer who is habitually careful with his seed-grain, so as to get only ation to scrape, because the stimulus the best, is doing much toward adsupplied by the carpet to the soles of vancing the products of his fields, not only in starting his crop-in which it is so important-but throughout its entire growth, including the berry which is to form the seed for the succeeding year. This is apt to be plumper and sounder, and much the better calculated for the next sowing and an improvement upon the last. I conclude with the grains the seed also of the forage plants. Always the best growth should be selected, the greatest difficulty being to obtain clean seed and keep it clean, on account of the foul condition of the land.

> The Nebraska Farmer remarks: "More failures in fruit tree planting are attributable to the use of very "cheap" stock, and careless handling, very large proportion of trees sold by professional traveling "tree peddlers,"

are those condemned or discarded, for Mid some cause, by regular nurserymen, or troglycerine if we are ever to get them them in the following way. Any lady are "cullings" remaining after all good ones are assorted, and obtained Chinaman deserves credit for his stub- places a deep plate filled with water in for little more than mere digginga warm sunny window. In this are clearing off the ground. Any variety called for can be had from the same trench. This class of operators never owned a nursery-never will.

Solid Merit will Tell.

For all the bitter opposition of jealous

COLUMERA — Thomas Throssell, Dayton. CLARGE — David Stamp, Vancouver. COMUTE — David Stamp, Vancouver. COMUTE — John S. Bonarth, Pokin. Lawss — W. H. Miller, Bonfort. WALLA WALLA — W. H. Thomas, Walla Walla. WHITMAX — William King, Palouse City. Patrons in Unas consults in subth no. Does Patrons in those counties in which no Deputies have been appointed would much oblige me by designating Brothers suit due to act in that capacity. A. B. Surrary, Master Or, St. Grange.

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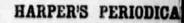
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