THE ORAGE ORANGE AS A TIMBER + PLAIN PREPARATIONS OF FOOD.

I. J. Templain, in the Proteint Firmer, ansays: "This true is a native of Texas, Arkanase and the Indian Territory, where it grows along the Indian Services, elastic and durable. It has long been very popular as a material for how among the Indians of the South, how called by the Prench boils daro or bow word. From this it is shortened in Texas to bolock. This tree, though often in jurred by severe receiving when used as a heige plant, will probably be found quite hardy in most part of this continuing to which it is necessarily aubjected to keep it within proper limits as a heige plant tends to wanken its vitality, and renders it more liable to injury from fract, as a shale true it has decided merits. For many purposes in the arts the property of the strong plant, will probably be found and the true it has decided merits. For many purposes in the arts they of insets. For many purposes in the arts that of insets. For many purposes in the arts that of insets as a shale true valuation, when the store of the strong plant, will probably be found to be at complex is said to a start of the strong plant, when any porposes in the arts that art, as a material for many porposes in that art. As a material for account of the slower qualities, while it and the educity requires the all by the hygrownet on all other kinds, expectively and showing or avelant of the slower plant, while the attrong the strong is said to for the strong the strong is said to for a being a fine grained wood and graphic distribution treating or the strong is said to for a being a fine grained wood and graphic distributions. The theory is a plant, when the there the showing or the strong a specially for its plant, when the strong a specially for a special to the strong being the strong at the strong a

ad stakes, pasta, etc." Mottyn Bettroms. At the last meeting of the Fulskelphia Academy of Sciences, Mr. John Foot described a group of eight hural mumbs opened by him near Courts creek, Ma-couptin county, HI, Each of the graves was hurd with stone staks, and after the holins were placed in position within, earth had been packed around them sea to full the inclosure. All the skilstons found in these graves found, scatter in the inclusion were found, scatter in the parts of the other. The arms were crossed. In the right hand of each influendad the subtroet, a large marine shell (*Recommeng environ*), that large marine shell (*Recommeng environ*), inits, had been so placed that the small of the shell rooted in the hand and the large end in the hollow above the left hip. Within each shell what appeared is be the bouws of a child were found, stones shell had been enabled before burial, the shall protecting beyond the aperture of the shell is thonght that these mants were sacrificed to the boast. Fuers wire Permission Kather Science for the shell is the shell were in the store shell in the shell is the store. The store of the shell is the shell in the shell is the store of the shell were sacrificed to the deat.

FIGURE WITH PETROLEUX.—EXperiments bave recently been successfully make in Taby on a method of burning petroleum ander steam beilers, which consults simply in pouring the oll over a this layer of adsertion. The petroleum burns with intense heat, while the asbestos, being meconfustible, is not affected, but serves as menta of retaining the oil and acting as a work. During the experiments absect of paper placed beneat the furnace were, not injured, atthings the beat from the oil above was most intense.

MARINE SOUNDERING LENK - Mr. Ch. Tardieu employs a spherical servelope of casoutchoore, communicating with an iron reservoir by means of a small table which is provided with a valve. The envelope being tilted with mercury, any increase of external prevator forces into the reservoir some of the mercury, which cannot reservoir some of the nervoiry. Which cannot reservoir some of the argument, which cannot restrar on second of the valve. The weight of the mercury determines the pressure, and con-sequently the depth of the water.

SPECTRUM OF ELECTRIC LIGHT. - M. P. De-sins finds that the spectra of electric light are ery similar to those of the solar rays. They be less extensive, particularly on the solar is violet, but the curves of intenarity exhibit it slight differences in the region of greatest

A homewife writes to the Form Journal some

A nonservice writes to the *Parma Journal* sources once recipes for the proparation of plain, wholesome dishes for making up a variety in food from the common staple articles to be found on the farm.

recipes for the proparation of plane, wholesome dishes for making up a variety in food from the common staple articles to be found on the farm. She says. Any homokeeper will find, by experi-menting, that much can be done to make such a variety without adding much to the usual grocery bill. Let me surgerst a few ideas: First, a great variety of bread may be made. Everyhody bakes white bread, but anaxly in each family it is all of one kind, and the task becomes threame. Good hop yeast bread is probably the most generally acceptable as a stantiby, but there are but few who occasionally would not reliab a loaf of sait or milk rising bread, nicely make, or if in the halt of using the latter kinds, a loaf of hop yeast. To make sait rising: At night stir in a quart how a thin batter of hukewarm water and com-meal to half fill the bowl; keep where it will retain warm floor (made set by stiring it on the stove a few minutes), with warm sweet milk and water, half of each, or less milk if yon have not so much to use, with saits to suit, they warm, and by the time yon can attend to it after breakfast, it will be foung high; mix, make into leaves, when light bake. The secret of success is in not allowing the bread in any stags to shill, and in good baking. The over should not be hot enough to accer, hor ecol enough to allow the dough to run. A molarately quick heat thirst is beat, decreasing from the time the leaf is crusted over. It does not re-quire as long baking as yeas bread. Beamed brown bread is excellent. To make, f quart sour milk or butter-milk, t taxep mi-lasses, tablespoonful abortening, i tangoonful att, leay white floor, and corn meals to make a protex with a little magar or molasses and abortening added. The ato excent or hill an hour. Thour som-lasses, tablespoonful abortening, i tangoonful att, leav white floor, and corn meals to make a protex with a little when a not or water and and better over for hill an hour. Thore som-vants, this a basin, which as ti ny user steam-ing. The atme precess and prop

set in a kettle of boiling water, instead of steam-ing. The same process and proportions, except ma-king thinner, makes a nice pudding, to be caten with syrup or batter, or a boiled same, or crean and sugar, and this may be varied by the nae of ginger m the pudding, by different furth, sock-ed or chopped up or stawed. Such added makes a suct pudding. Everybody makes Johnny cake. At the risk of telling what all know al-ready, I give my rule. I pint sour milk, 3 eggs (hes will doi: our tablespoonfal buda. Then comes the secret of its goodness—bake quick, and eat as seen as baked.

## A FRUIT-RIPENING HOUSE.

The Baltimore American says: Just at this time the banana trade is the feature of the frait basiness, and dealers are bandling large quanti-ties of the West India product, of which several cargoes have birly been received. The fruit is not always ripe when brought here, and, to hasten what would otherwise he left to time to constraint. not always ripe when brought here, and, to hasten what would otherwise he left to time to accouplish, a time on Pratt street have adopted the West Initia plan of using a ripening house, which they have just constructed and which is the only one in the city. It has been found that fruit ripened in this way is really superior to that which arrives at maturity in the usual manner, and that it retains a freshness and fa-ore not found in time-ripened banama. The process used by the firm named is an interest-ing one and merits a description. Two large rooms were partitioned off in their warshouse, in the construction of which the main object was that they should be perfectly dark and as near air-tight as possible. Stringers, with heating they would be perfectly dark and as near air-tight as possible. Stringers, with heating they when bonches on, were placed across the room, and gas attachments made to heating they when bonches on, were placed in the construction of which the main object to the town, and, the green itrit having been lung inside and the proper temporature obtained, the rooms are closed tightly, only to be opened to impect the condition of the fruit. In a short time the gree bound begins to two mindes, and is then rips and ready for market. The to prevent the fruit source also the town mind or too little beat. The time have alsoit two thousand bunches of runt undergoing the pre-cess new, one bunch of which is over rive the top prevent the fruit source also the too minds or too little beat. The time have alsoit two thousand bunches of runt undergoing the pre-cess new, one bunch of which is over rive the long and holds about two hundred and thrity banama, the shortest of which is five and a half and the longest eleven and a quarter inches in the precise has a string able could and thrity banama.

Negen. SUS STOT CULES. —In attempting to estab-lish connection between sun spots, cyclones and rain fall in India, Mr. Henry Jeula, a resident of that country, says that it is previty well known that the maximum and minimum of sun spots alternate in cycles of about derver years: and the figures given establish that about the minimum given leaves have been drouths in India, followed by familia. Although the loases of ships do not exhibit the same regularity, there are indications that the periods of min-imum disturbance on the sun's atmosphere are reflected in that portion of the world in de-structive cyclenes.

CUTTING CAST INON TURNS OF LABOR CAL-IND. — An apparatus for this purpose, invented by Reinhauer and Bluntschli, of Zarich, is de-wribed in the Schweitwisse Greeveldhift for 1876, p. 130. It is constructed of three eutimg wheels, resting in stirrups which are proved upon the tube by a connecting vice-acrew. A cutting iron, between two of the cutting wheels, is pressed against the tube by a second server, and the whole apparatus is turned around the tube by hand.

A NEW PROCESS IN SUGAR MAKING.

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upon this process are true—and at present we have no reason to doubt them—Mr. Easter in-vection is one which will largely revolutionize the manufacture of sugar. Sizmriss Rooms.—The air which passes out of the lungs is wholly insutritious, If ro-breathed without any admixture of other air, it would induce instant sufficient in the contains a large amount of carbonic acid gas. This gas is condensed by cold, and fails to the floor; hast carries it to the colling; hence the practical fact, that in warm weather those who alseep on the floor breather the inper one delega above the floor, the better is the atmosphere. Hence, in a warm room, alseep as near the floor and water to the or breather the inper one delega above the floor, the better is the atmosphere. Hence, in a warm room, alseep as near the floor as possible; in a cold room, the higher one delega above the floor, the better is the atmosphere. Hence, in a warm room, alseep as near the floor as possible; in a cold room, the higher one delega above the floor, the state is the atmosphere. Hence, in a warm room, alseep as near the floor and water to the prisoners through a hole in the floor above them. A case is mentioned where the jail-enet is found in Or. Hall's any bold on "Shep." When the jail-flover was raging in England, it was the case is mentioned where the jailer and his wife died in one night in consequence of the effluxing the benchmark cell below, while the prisoners through a hole in the floor and in the floor. The same principle has an illustration in the narration in the same jages, of the terrible incidents in connection with the "Hack Hole of Calcutat, where it was speed-dy noticed that relife was given by sitting down on the floor. From these statements, it is clear that it is better to have a fire in the fire, saking the ather such and ench a "firm, which recently alteration in winter than to have no fire and for two phikosphical reasons—the fire rarches as the ediming beside, it crustes a draft up the channey, thus causing cold arto como

more applicable than in the case of an alver the ment."
A Noverry is Ranway Coverneternov. — It is sufficient to the meshanger of the second secon

HINTS TO FLOUR MILLERS,

THE EFFECT OF TOBACCO ON THE HUMAN SYSTEM,

In the fourth annual report of the Michigan State Board of Health, Dr. Scott relates some shing new in the influence of tobacco on the hu-man system, as follows: "There has come un-icidarly during the last two years, but more par-ticularly during the last two years, a kind of the patient complains of a dull, heavy pain with of cases is contined to the left side. The pain is circumscribed and limited to a space of how and a little to the left of the loft anple. At the best walls, the disease in a large ma-pring of cases is contined to the left side. The pain is circumscribed and limited to a space of how and a little to the left of the loft anple. At these the pain is very severe and always con-tant day and night, when the patient is a wake. The patient is to be more common among tobacco was, especially those who use the weed to ex-cess. Datates the pain is derived to the left side. The how and a light, when the patient is a wake, and find it to be more common among tobacco was especially those who use the weed to ex-sess. Datates and the patient tradel. I have not high that they have beart tradel. I have not how of them what might be called intradel was deviced the disease to some estant in one of them what might be called intradel was deviced that here also a the there does exist in owne of the uses are the result of intemperance, where the patient abstained from the use of to-bacco for IB months, the pain entirely consols that the end of this period the gentimma re-weses use the old pain returned with all itse-cases and the work the patient abstained from being the wall be called intradel was and the out of the part of the result of intemperance in the use of tobacco, and after three weaks use the old pain returned with all itse-tess when if they would reform in tobacco they be stage from Baltimore. He had no is followed when the patient for hards and the Scenator. '' endeavored to tra-quilte mysel, asid Webster, '' and here, trade, when the container on enominderable more there trund to me, and,

be a high-wayname cript. Southers or Electroneers is Lavino Romm.— It is requisite that a few works should be said relative to the source from whence the electric-ity in the system is derived. With every breath of air which our langs inhale, the versus blood is not only evidined and transformed into arterial blood, but it is also charged with elec-tricity, preduced by the pressure through the bronchial tubes of the lungs, during the act of exhaustion. That this is actually the case is proved by the experiment of Dr. Kincke, of length and the state in the instrument of bladder, or silk, or even through a themberne of bladder, or silk or even through a dispiragin of englant is a powdered state; the greatest quantity of electricity, equal to the greatest quantity of electricity.