Culture in Nebraska for sixteen years says this is the first year ture and properties of air, and in opening covered with renaissance stucco work. In they have come so near drowning out. Cul- the way to the practical utilization of this which old terra cotta bas reliefs are set. Celery

grocer and orders a dime's worth of celery cording to dexterity. It is dexterity and sent up "right away" she probably does not suppleness of hand that count in this work. dry sufficiently to bear a horse's weight. know that celery is a home product. The and not strength. Women could become exgrocer himself buys it from the commission perts in this line, but, while large numbers were set in trenches and straw was placed man and he may and may not inquire where of women have been employed in the beet on each side the rows, the soil being thrown the commission firm gets it. As a matter of fields, they have not yet worked in the up as they grew, so that when they had emblematic of knowledge, with the legend fact the celery which will be used on Omaha celery fields. tables this coming season is now growing

Nebraska. And the Nebraska-grown celery vention of celery culture is the "stabber," in quantity and quality. Because of its su- combined with the spiral wire colls of an perior quality it usually brings a little higher abandoned bedspring, which serves to punch price than the famous Kalamazoo product, holes ready to receive the tiny plante. The once considered unequaled.

** been established as a regular Nebraska crop, bar of plants placed. for celery farming is one of the newest of The plant beds are prepared with great stand a good deal of frost and the late celour state industries. It is now grown in care. The ground is plowed and well ory has a finer flavor than the earlier. The trance is to the left of these. sufficient quantities for shipping near harrowed and then sifted through a sand crop is of course got out of the way of a Hebron, North Platte and Elkhorn, but the screen to take out all lumps. The beds are largest amount is grown at Kearney. The enclosed by planks, and as soon as the ing stored in pits. peculiar, sandy, alkali soil of the islands of plants are placed in them muslim is the Platte seems well suited to the growth stretched across and fastened to the planks celery fields present busy scenes. As soon

When an Omaha housekeeper rings up her will vary from 80 cents to \$2.50 a day, ac-

Every sort of labor has its own laborin the fields in two states, Michigan and saving contrivances and a convenient in- by means of boards on each side of the rows institution by St. Gaudens. It is only in recent years that celery has it possible to keep exact count of the num-

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WEEDING THE CELERY.

"Island, some forty miles long, which lies by daily sprinkling, and when the weeds between the north channel and the Platte begin to come they are pulled out by hand. proper. The greatest essential of celery is It is tedious, tiresome work, kneeling by

grower in Kearney and probably the largest sowed in open field beds, and the plants are in the state, set out on his farm some 300 celery plants as an experiment. From that them in the field rows. The early celery is time he has grown some celery every year, transplanted twice and the later but once. and for a number of seasons past has put in some forty acres. The whole acreage planted in celery at Kearney is about 100. With the exception of the forty acres mentioned this is in tracts of from three to twenty acres, belonging to different grow-. ers. Not a large amount of land it seems, but celery is a crop which requires the most careful and intensive culture, the cultivation costing a good sum per acre, with a correspondingly large profit when succesful. Like other investments which promise large profit, there is a possibility of a heavy loss if the crep fails. A long drouth late straight, but of uneven length on the low, flat or hall, of frequent occurrence in the westthe cost of the summer's labor. The esti- ridges and elevations where the soil will to the nature and properties of the atmosmated cost of producing celery ready for become too dry for celery. These low places phere and the Hodgkins medal of the institumay vary according to the size of the stalks. island marshes are almost impassable. But cations of such knowledge to the welfare of At the further end of the vineyard are it must be remembered that the wheels Very large celery might make as much while the celery grower, his men and his man. In addition to the special prizes which some fenced enclosures containing a number grind the rails and the rails grind the may vary according to the size of the stalks. island marshes are almost impassable. But cations of such knowledge to the welfare of average.

water, and as long as there is water in the river the soil of the island remains moist. the beds, crawling, crouching, leaning Gold Medal for Dis-In 1882 a gentleman who is now the largest shines. For the later celery the seeds are thinned out and weeded until time to set

When the plants have attained a height of five inches they are taken from the beds, packed loosely into boxes and carried to the fields. Here they are placed five inches 000 plants are required to plant an acre. by hand and during the summer are given very thorough cultivation, being gone over

The rows are laid out perfectly "patchy."

OMAHA ILLUSTRATED BEE.

tivation should have been started over two knowledge in advancing human wetlare. weeks ago, but wet weather has held it back.

hand hoes while waiting for the ground to

In the old method of bleaching the plants reached maturity only the tops protruded. The bleaching method used in Nebraska is when the plants are about a foot high. are in place and the bleaching requires two weeks' time.

The early celery is ready for market from "stabber" facilitates the work and renders the 1st to the middle of September and

> shipping is pushed rapidly. Celery will proach is the same as that leading to the real freeze, what is not shipped at once be-

When the harvesting season begins the of delicately-flavored, nutty celery, and the to protect the young celery from the sun as the celery is properly bleached the boards Kearney product is grown on the large until it is well rooted. They are kept moist are removed, the stalks cut and carried to tables nearby, where it is bunched and tied up in bundles of a dozen stalks each. The smaller shipments, which are crated and expressed, have the cuter leaves and roots trimmed off and are washed free from earth. It is classel as No. 1, No. 2 or No. 3 celery and brings 20 cents, 20 cents or 10 cents, according to grade. When shipped in car lots the celery is bunched in dozens like the other, but with the cuter leaves, roots and soil adhering to it. Two extra floors are put in a car, making three decks, and the bunches are packed in on end on each deck. These car lots are specified as two grades and bring from 12 cents to 20 cents wholesale.

When conditions are favorable the crop is exceedingly profitable, but a green hand can lose plenty of money at it, and even the most experienced may find atmospheric conditions against them and lose heavily. It is an attractive crop, partly because it is comparatively new, and visitors in celery districts always like to visit the fields especially in the harvesting season. The breeze is scented with the fragrance of celery, the straight rows of green on the dark soil present a pleasant picture in the midst of bustling activity and never does celery taste sweeter than when fresh from its hiding place between the bleaching b-ards.

MINNIE BOYER DAVIS.

coverer of Liquid Air

There has just been forwarded to the American embassy in London the first gold medal ever presented by the Smithsonian Institute of Washington. The recipient is Prol. James Dewar of the Royal institute, London, and this honor being conferred upon him for his wonderful discovery that air can be liquefied. The medal is paid for out of apart in rows spaced like corn rows, and 30,- the Hodgkins fund of \$200,000, which was ostablished by a donation in October, 1891, While small they are weeded in the rows from Mr. Thomas George Hodgkins of Setauket, N. Y., the income from a part of which was to be devoted "to the increase and every two weeks with a fine tooth cultivator. diffusion of a more exact knowledge in re-The fields do not present an imposing ap- gard to the nature and properties of atmospearance, even the largest tracts lo king pheric air in connection with the welfare of man."

After the formal acceptance of this donain summer, or an early freeze in September, spots of ground, which will remain moist tion a competition was announced in which through the summer. Experience has shown prizes were offered for memoirs recording ern counties, may cause a total loss after that it will not pay to extend the rows over new and important discoveries with regard market is \$100 per acre and the amount are fearfully muddy after heavy rains, like tion was established for important contribuproduced is approximately quoted at a car- those we have had recently, and during the tions to our existing knowledge in this conload to the acre. Of course the actual amount winter, after a thaw, the reads over the nection, or for original and practical appli- sickly air.

for sixteen years says this is the first year ture and properties of air, and in opening covered with renaissance stucco work, in

In some cases men have been at work with in the accompanying illustration, is by Mr. a beautiful colonnaded loggia some ien feet J. French Academy, and one of the most emi- surrounded with marble benches, and the nent medalists of the world. The obverse beans the figure of a woman carrying a torch pebbles and shells, suggestive of the coolin her left hand, and in her right a scroll 'Per Orbem" acress the face of the medal. The reverse is adapted from the scal of the mire the magnolias and stone pines tower-

takes precedence in the Omaha market, both an ingenious arrangement of hard wood pins Growth continues rapidly after the boards Summer at the Vatican that a stranger to Rome leaves the gardens,

The gardens of the pope are well worth the undisturbed screnity. small difficulty of getting an order to visit them, since this is accorded almost for the from that time on the cutting, bunching and asking and to any party of six. The aplibrary and sculpture galleries and the en-

> old man in military cloak, who is frequently months 170 miles of new steer rails, averagsurrounded by a varied assortment of cats. The entrance opens on a terrace which was down or distributed within thirty miles of used in the middle ages as a tilting ground, the center of the city. and looking over the parapet one sees what in the same era was a lake for mimic naval battles, but which now is an Italian garden rails in 170 miles, or 26,928,000 pounds, or, laid out in flower beds, with paths orna- say, 53,856,000 pounds for both lines of rails, mented by small orange trees.

> enter under an arch to the right two long which was for renewals on old lines. and ancient arcaded avenues of ilex, in the middle the sunken bed of an old canal ending in a rocky structure covered with maidenhair fern. There are kept here a cluster goats and deer. In reality, they are mountain sheep, sent as a present to the holy father on his jubilee by the people of of Lourdes. Here visitors leave their cards. of the rail next to the flanges of the wheels. It would seem that he has no great taste for flowers, for the long stretch of garden in to dust by the wheels of trains in this counfront of the summer house is wild and neg- try are lost. It cannot be regained for lected. To the right of the strip of ground is scrap, because it settles down into the balplan of his own for its cultivation, which caused by the swiftly moving train and, strikes a stranger as novel and original. Be- like the star dust that falls upon the occan, tween the vines are planted thick rows of is lost forever.

broad beans, which are dug into the earth

lies a courtyard, a perfect oval in shape The design for the medal, which is shown with walls, arched entrance, chambers, and C. Chaplain of Paris, a member of the high from the ground. This courtyard is walls and entrances are incrusted with ness of ocean waves and breezes.

The visitor now turns into the path leading to the terrace entrance, pausing to ading upward a little distance from the casino. is with a feeling of very great regret for they are peaceful and satisfying in their

Rails Ground to Dust

As consumers of steel the railroads in the vicinity of Pittsburg lead the world, reports The gate is kept by a rather seedy looking the Pittsburg Dispatch. During the last three ing ninety pounds to the yard, have been put

There are 1,760 yards in a mile, which would mean 299,200 yards for one line of or 269,283 tons of steel rails needed in one Passing part way down the terrace you year for Pittsburg roads, 90 per cent of

There is somewhat of a mystery regarding where the steel worn out on a big road goes to. It is ground down almost to imperceptible dust by the constant friction of the of remarkable animals, resembling sheep, grinding wheels and this friction is 45 per cent greater on curves than on straight stretches of track. The wear is also much greater on ascending grades on a straight Carpineta in the Campagna, whose ancient track than on descending grades. On cures castle is the home of his race-that of the the wear is mostly lateral or horizontal, Pecci. Close to the rockwork at the end of while on a straight track it is perpendicular, the hollow stands a little copy of the grotto with a slight inclination toward the inside

The millions of tons of steel ground down very goodly vineyard. Leo XIII has a last, is brushed away by the rush of air

In time, as civilization and the wheels of for manure. The yearly yield is some three civilization move on, the railroads of the thousand bottles of excellent wine, chiefly chief steam railways, as well as part of the sent to various hospitals. Olive trees are adjoining ground, will become thoroughly

WASHING AND LOADING.

grown against the wall, but they have a impregnated with steel and iron dust from the grinding up of rails and wheels, because



Celery is always quoted by the dozen stalls and when shipped by the carload it brings from 15 to 20 cents per d zen, rains have been so unusually heavy that the Carrying out the design of the founder, the good condition. In strange neighborhood When shipped a crate at a time by express it may bring from 10 to 30 cents a dozen, ac- a number of acres of plants. Part have been to Prof. Dewar, in recognition of his long brown and white deer and a "pelican of the cording to grade. It will bring more money replanted, but some growers have been un- continued and valuable researches in con- wilderness," the latter a monster of ugliis greater. The wholesale price has been revery even, and it is a peculiar fact that the retail price is the same in nearly all locali-At Kearney, at Omaha and at Kanties. sas City the consumer gets three bunches for a dime, the average price being adhered to by the retailers for convenience

- A description of the process of cultivation may be of interest. The first essential is richness of soll and the second is water. It has been said that the soil cannot be made too rich for celery. Through the winter many teamsters make a living by hauling manure from the town stables to the celery fields. The owner of horses does not have to pay for having his stable yard cleaned up, but is besieged by applicants, who offer to haul away the accumulation for nothing. Opinions differ as to how much fertilizer is required. One successful grower has never used more than sixteen wagonloads to the acre, while another has used as high as forty loads.
- The plants for early celery are started in greenhouses or hotheds, and when barely started with one or two tiny leaves are transplanted from the boxes into open heds, where they are placed an inch and a half each way. This transplanting, known as 'settin' celery," requires a large force of helpers. The men and boys are paid by the number of plants they "eet," the pay being 17½ cents per 1,000. Poor hands can place about 5,000 plants in a day, and an expert 15,000, or a little better. The men's wages

fields lock cool and damp. This spring the nated by the committee on award. lowest fields were flooded, causing a loss of first Hodgkins medal in gold was awarded within the next enclosure are a herd of

burning brown he congratulates himself on Hodgkins medal in silver or bronze, was ac- Beneath the palms two ostriches have a railroads at a rapid rate. the wisdom of his choice, for his celery corded to several of the contestants desig- dwelling and very much at home the couple

appear, while their plumage keeps in very

by express, but the expense of handling able to obtain plants to replace those lost. nection with the increase and diffusion of a ness, his vast bill striped with bright orange cred shows that many of the ancient A gentleman who has farmed on the island more exact knowledge in regard to the na- and blue.

> A little further on is to be found the pon- good liquor as are any of the moderns, re-tifical villa, which forms the garden resi- ports the Chicago Times-Herald. In this dence. It has been only lately finished and papyrus, which is 3,000 years old, the consists of a few plain rooms added on to philosopher Ani writes the following words the second of the round towers, one floor of af warning on the subject of intoxication to which is the hall for receptions. From this a student in Channu:

> a path descends to the vatican, at the end "I have been informed that you are not of the gardens near St. Peter's. On the only neglecting your studies, but that you way one passes an immense grotto, sur- are also indulging in the most frivolous mounted by an arch and a stone eagle, un- pleasures, and that you spend a good deal of derneath which are cool, rocky chambers of your time in drinking. Now, how can it full of maidenhair. The ferns grow over benefit you to drink so much beer every two huge dragons, from whose mouths day? Take advice and shun that insidious streams of water flow to mingle with others, liquor."

> castellated wall, is a large stone table, from their beer, and were quite as foud of playing which rise six jets of water, three on each practical jokes as any of their descendants. side of a seventh, which spurt out star- They loved on festive nights to assault innoshaped. Over the front of the table a perfect sheet of fine transparent water flows down have they aroused from slumber by thunderinto the basin beneath. This is the cele- ing on the door of his house brated fountain built by order of the Borghese pope, Paul V, and it represents very who flurished about 2,000 years ago we obtain faithfully an exposition of the blessed sacra- the interesting information that a quart of ment on a Roman altar. The arched recess beer cost about 5 cents, and there are is full of maidenhair and the delicate fern various entries in the book which allow us

casino of Pius IV, the most notable piece than a quart at a time. "Indeed," says the of architecture in the gardens. Hardly any erudite Egyptologist who has deciphered building seems really beautiful when de- this diary, "there are various facts which serted, but the casino in its loneliness is justify us in describing the thirst of the still charming. In front of a little palace ancient Egyptians as pyramidal."

as a car and a half to the acre, while smaller teams stick in the mud a part of the year, were awarded at the close of the competition, of especially handsome paims, planted per- wheels, and this constant shower of iron would make less, but a carload is the along late in summer when other crops are honorable mention, accompanied by the haps ten years ago, and growing very well, and steel dust is accumulating along our

Rameses and His Beer

An interesting papyrus recently discov-Egyptians were quite as fond of drinking

all falling into a great basin below. From other sources we learn that stu-

In an enormous recess, surmounted by a dents in the land of the pyramids enjoyed cent watchmen, and many a peaceful civizen

From the diary of an Egyptian lieutenant is also seen through the crystal altar cleth. to infer that the average Egyptian never

The last spot to be visited is the famed dreamed of quenching his thirst with less



READY FOR THE MARKET.