#### OIL OF PEPPERMINT.

#### Hore Than Half the World's Produc Comes from Michigan.

More than one half of all the oil of peppermint, spearmint, and tausy used in the world is said to be pro-cured and distilled in Michigan, says the New Yora Post. The center of the industry is St. Joseph County. Peppermint plants to the weight of 15,000 tons when dried are cultivated every year in the State. From these the essential oils are distilled. Early in spring the roots are planted in fur-rows from two to three feet spart. In a day a good w skman will plant an acre with them. A few weeks later the rows meet and cover the entire ground. In September the blants mature. They are covered with fragrant purple blossoms and the time has arrived for mowing.

After lying in the sun to dry they are raked into heaps and taken to the d stilleries, of which there are about is soliteries, of which there are a out-ition in the State. It is estimated that 350 pounds of dried peppermint plants produce one pound of oil. The yield per acre is 15 pounds of oil bushled peppermint brings from \$1.25 to \$5 per pound in the home mathematical the statemark are regularily The industry was originally market. market. The multiply was ergonally established about 150 years ago. Early in the present century a begin-ting was made in this country in Wayne County, N.Y., and in St. Joseph, Mich. Today nine-tenths of the entire product of the world is determined Storas. The rob made in the United States. The rich algorial soil so abandant in MI bigan, together with its desirable cliquite, has enabled the State to take proceover any oth r State or country in this industry.

#### Patience for the Erring.

God has a mother's pattence for the string. If one does wrong, first his associates in life cast him off; if he associates in life cast him off: if he goes on in the wring way, his busi-ness partner custs him off; if he goes on, his best friends cast him off—his father casts him off. But after al-uthers have cast him off, where bes-he go? Who holds no gridge, and forgives the last time as well as the factor. Who, sids by the number of forgives the tast time as when a first? Who sits by the muriclet?'s counsel through the long trial? Who tarries the hugest at the windows of a culprit's cell? Who when all others think ill of a man, keeps on thenking well of hum? It is his mother, you bloss her gray hults, it che has ill of the sud bloss her gray hults. she he still diver and bless her grave if she he gone. And bless the rock-ing chair in which she used to sit, and bless the craffe that she used to rock and bless the Bible that she need to real. So God, our mother, has patience for all the erring. After everytody else has cast him off, cod. car involver comes to the result. God leaps to take charge of a bad case, After all the other distors have get through, the Heaven's Thysican compete. Human syn athy at such a time does not amount to much. Even the syn pathy of the church 4 and some to support of the church 4 am sorry to say, often does not amount to math. I have seen the most hursh, litter treatment a the mint of these who professed faith it hrist toward those who were water ing and erring. They tried on the wanderer surcasm, and bill ng-gate. and curicature, and they tried t ad carried ure, and they tried title-attle. There was one thing they of not try, and that was 5 regive-ess. A solder in England was rought by a Sergeant to the Col-nel. Whith, said the Colonel. Is nging the man here again? We reging the man here again? We reging the man here again? We tattle brought Oh, no," said the Sergeant, "there's (ch, no, said the Segrand, there's one thing you have not tread. I would like you to try that.' What is that? said the 'bonel. Said the manu. 'Forgiveness.' The case had not gone as far but that it might take that turn, and so the Colorel said. 'Well yourge noan you have said 'Wel', young man, you have lone so and so. What 's your ex-use?' I have no excuse, but I am very sorry,' said the young man. 'We are made up our minds to forgive con, said the Colonel. The tears started H had neverbeen accested in that way before. His life was in that way before His life was reformed, and that was the starting point for a positively Christian life. On enarch of God, quilt your sar-cism when a monifalls Quilt your forgiven so God, your mother, tress in diction trees. A meany some mark to

It all the time. A man's sin may be like a continent, but G d's forgive-ness is like the Atlantic and Pacific weans, bounding it on both sides. Rev. T. De Witt Talmage, D. D.

The population of Italy is very dense, there being 270 people to every square mile of territory.

London stock operators regard Spain as bordering on bankruptcy, and believe that the securities of the country will fall 20 per cent.

Sir John Lubbock said in a speech the other day that he thought the English people learned more of their history from novels and from Shakespeare than from books of history.

The German Society of Agriculture, in connection with its section for agricultural implements, intends to hold a show of petroleum motors for points harvesting machines in the fall of this year, and for points planting machines to be tested in May, 1894.

Queen Victoria accepts favors from her subjects about as off it as they are offered. She doesn't draw the line at legacies from her subjects, as was illustrated in the case of the Landon tradesman named O'Neil, who left bet no loss than one million dollars, to the disgust of his service induities.

The way things are in England. is shown, thinks the New York, Times, by the proposition of a London peradical that an association by formed to persuade wellows from marrying a second time. This is a more matter of justice to the sisters when had not. vetau metod change in the untrinousial. manifest.

According to the San Pranesson Cur duck, hyperdism has present cont. of the domain of speculation and decompany an assumed fact that by the possibility of inductor the hypeopter state or condition in most proph. non-conceded. The practical new to which it may be put are still regarded as uncertain. I it the hest scient de opinion is finit it may be much in th priorities of my diama-just as legating at a ly as annotherness and with childen the same innitations. It is not safe to feel with any nore that mergdane of elilosium; Intu has manerly use ophized involution to contain

The destructive termile in long times; the wirmet the weather the calls removed attention to the moster more wat r and bloom from early possible that if its cause or re-known time than in the spring, and what ensomething might be done to prevent. Fiching is to be done can be done to it, or, at any rate, to gained against in a better advantage then. I sow late an enneed a great loss of diffe and propers. With a heavy muldh of coarse straw ty. A substantial fund hash of rabed. I success around have - New York (Tri for the surviving sufficient, most of burne. whom have done everything they pos-

dimension. The problem of silent machinery. running appears to have been to only where burst occusionally and input a step nearer solution by the introduct every one near than basidos tearing tion in Austria of consumeds made of our the sides of the house. These pressed raw hole, which are to work, through happen frequently enough to in conjunction with wheels of oust make things exerting. A new damper iron, stock and other metals. The has spring up, a foreman of a cream new absolvance and to possesse great. Cry in Wisconsin is in danger, of hisstrongth. They do not require interior coming shelfless by the bursting of cuting, and are, therefore, clean in test both of subdurie and, while apoperation. It is channed that they crating a fidle is ting machine. This ant-manually reduce the vibration of presidente happened at the Black They can be had really small or in the informs as of it states, that the norm form of rea links for shaping by will bee one eye, while the other is an the purchaser. They are supported dataset d. This is a sad accident, and by a wooden transmirk, and after hest one that bads us to assume was crussed

# FARM AND GARDEN. CONTROL OF QUALITY.

The quality of butter may be influenced by the food, according to some experiments conducted at the Maine Agricultural Experiment Station. The milk from five cows was analyzed and the effect of the feed on the quality of the butter noted during three periods.

The practical fact which the experiment makes evident is that a mixture of cottonseed meal or linseed meat with corn meal and wheat bran, especially the cottonscod meal mixture, produced butter less easily melted and of a more solid appearance than did the peas and barley. This indicates that the tendency of lutter to melt during hot weather may be controlled to a large extent by the kind of food the cows are getting. | American Farmer.

REFECT OF WIDE TIRES ON WARDING. It is a pustaken bolief that wide tires increase the draught of a wagon

On the contrary, they reduce the draught considerably, for one reason because they prevent the wheels from entting down into the soft ground. The case to a teath is fully twenty-five per centra according to the tests made by accontribe noval, and corroborated by punction) je teams why have used them "Theredief to the reads from wear resecondentiat wasses with time five inches in which are charged half as much tell only as these with time two and the personal direction of M. B. mehrs wile. In this a side threasts as a roller to heep the routs smooth its. In large orchards in Southeast and hard, and a summity hard from is

entrolizensier oracic core as the maky the difference of one half in its favor [then). instantiation with muchly road, or a soft planed field. Thus, for farm use the New York Times.

# RANDOWN DOCK WHEN PROPERTY

If the first association or wavel you alitan leave down complete with that is carly and doop planting and terly good out only blong the them, - are non-source to future sciences plents of water and a wholesone placking of blosoms, writes a warrispondent. A root loss than forty feed long too wall of the work by water, in ad dition to contons draughts between

mous manifestation of Naturo's power. July until fresh is the result: I have which seems to be almost poording to strown ever poss for many years, and the West, and suggests to  $|t_{0} - N_{0}|_{X}$  my best shores with them in this whe York Tribune that a scantille massificant units. New Jersey class sums from fall man of measures might will be induse planting of the sector. The ground the taken by indooralogists. For a periodally in better condition at that

This last tornade was one of the worst. October, just before there are indicathat has ever visited the Wilsh and theirs of a fight fraces up, and ever

DANGUES: OF DATETING. Durying is becoming as damgerous

is calling as one call chimos in. Separ the machinery in which they are used. Earth creatively, and the report that, should not be given them ing out the wheel is covered with a by the use of an inferior article

shellor solution. The greatest dram. There should be some regulation govtack to the new wheel is its compary emiliar the standard of all machiners

necessary in duirying. The advent of

the eronners has made durying large

two above, resembling that of the phonsant, and for this reason many prefer it. The size varies from large medium to small, and does not carry

so much ment on the breast in proportion to its size as the Dorking au1 Houdan. This is deep but more rounding and less projecting. Some other breeds of fowls are well shaped and moderately full in the breast. Among these I found the Dominique super

Most of the Eastern fowls are deflcient in a good breast save the Langshan, which is said to be protty fair in this point. The others, except Brahma now and then, run too much rump, where they are estra large. As the ment here is not equal to that on the breast and rather coarse, they do not excel as table fowls. But the chickens grow large rapidly, and as monde generalte are not particular as to the quality of poultry they sell well and are popular with the public, their extra size being their chief merit.

DESTROYING LIGHENS ON TEMPTIONS. The presence of divisions on peut trees is at least objectionable, if not absolutely harmful, and many means have been decised by fruit growers to rid their trees of the growths. As a general thing, the variance washes have not had the desired effect, but experts montennale last year, under the ausmises of the Department of Agriculture, Warte, special agent, show how simple follow-use and emistations. some allocation to the rough, ex- vieted on circumstantial evidence. foliating back, and others to the its effects in preventing many plant ence between \$2 and \$1 tea.

dramses. The formula used was: Six of fresh line, and eleven gallons of water, instant of the usual twenty two or forty-four sollons. This was applied a adatowash brush, and its effect was ilmost introductely apparent. The list chens turned vollow, and within three accles-probably in less than that time the lichens serv dend. Later experiments showed that just as reflective tesin ordinary spraying machine. Care should be taken to thoroughly wel the the results were not satisfactory, - [Am.] even with reported manner rights, erican: Acticulturist:

#### TABLE AND ROUTER.

### Sunflower seed will often induce lay

Parched onts are excellent for the

Bowel disease in summer is a sign of

Green clover is valuable for the line containine. A warm much is often tellished by the positive. Rate are worse encluive to chickens than the family cat.

> It is the regular systematic care for he chicks that tells Shelter should be provided against the cold and the door

> > If the hens are for lussed meal A natch of grant mean where the

chickens can help the mention will be of great value Whitewash should be liberally an-

clucks off damp floors.

## QUAINT AND CURIOUS.

# A New York parrot is eighty years old.

An Indian who calls himself "No Shirt" is on his way to the East.

It is reported that the engles along the ocean coast of the State of Wash ington are being exterminated.

The first bridge builder was the spider, and the ropes and stays of the spider's web are always attached with cometrical accuracy.

The crow flies at the rate of but twenty-five miles per hour. The sparrow hawk flice six times as far, or 150 miles, in the same length of time,

Nothing is wasted in China. The stones of various fruits and the shells of nuts are cleaned, dried and enryed into ornaments of the most graceful kind.

The Arctic whole never migrates to the southward as most species of whales do, begause of its inability to live in the heated waters of the southern see,

Thunderstorms are more frequent in Java than in any other part of the world, there being an average of ninety-seven days in each year upon which they occur.

The smallest tree in Great Britain grows on the summat of Ben Lomond, Scotland. It is the dwarf willow, which is mature when it attains th heighth of two melles,

In 1886 a man named Hedgepeth was hung in Boone County, Arkansas, ern Virginia, many of the tree-were for the marder of George Watkins. It infected with great masses of he now turns out that Watkins is still alive in Knows. Hedgeroth was con-

In ten-making the Japanese never smooth groon tack of small limbs. In use will, or sumr, as they spoil the the exercisents, four fungicules were real faste. The teas vary in price used, but only one gave any good to thom, five cents to lifty dollars a suits. This one was Bordonix mix- pound, When mills and sugar are ture, which is now so well known for most it is very hard to find the sliffer

The growing of rose-for the many pounds of opper sulplante, four pounds (facture of performing has been on (in requart millions for containes. The century of non-culture and the south of Frances, Algoria, Shina, in Persia, to the trans- and larger branches with Gharquir, in India, and Kazanlik, on the southern slope of the Ballantis, There is a big prodit in attact of ros-

Alld chests and tranks, have a high value as enries, and ane birgely token the the dealers in the like: As paper with more obtained by spraying with "massestly in the eighteenth evitury, many such articles were lined with memorynymes than emeronic, and if y have branches - When cav couch and quark | actrice of the period are to be first ted

P. 3 . . . . . . .

ัพย*์พย*ุ่งคู่พย<sub>ู่</sub>งคู่งคู่งคู่งคู่งคู่พย<sub>ู่</sub>งคู่ค<sub>ู</sub>้ค

In 1766 there was in France a great drought similar to the recent one. Heavy rains fell in the early buotiths of the year, but from April to the middle of September thesky remained cloudless and the sun shouts with great brillioney. During two and a half months there were, only on few drops of min.

#### A Boy's Steady Nerve.

B. H. Burke this morning brought in the skin of a punna, American tiger or California mountain lion, as the hop is variously called, which was killed a short time ago by his son. Byron H. Burke, near Foster's Station. The skin is by far the largest ever exhibited here, and Mr. Burke says the animal when killed weighed 250 pounds. Trucks of three lions had been seen, two hirge ones and ac ents They had killed a colt, and young Barke went hunting for them with his Winehester.

He tracked them through some very high and thick chapparal and was fellowing a norrow trail made by animals alied to the positive basis. Keep the in the brush when, by stooping down, the hunter saw, twenty yards ahead of him

The Frazer Azle Grease. Is now recognized as the standard szie grease of the Ur S.; is odd is every Secte and county interesting the sector state and county interesting the sector with sector state. Its superior state is a sector state of the is superior it. Every genuine inclusive bears that distinguish the genuin is from the insta-tion, and protect themselves against traid.

When a casip beats the drum of the ear the ague tells the tune.

We Cure Rupture. No matter of how long standing. Write for free treatise, testimonials, stc., to N. J. Hollenaworth & Co. Owago, Tiogs Co., N. Y. Price \$: by mail, \$1.15.

No sympathy is felt for the man who is

If your Back Aches, or you are all worn out, good for nothing, it is general debility. Rrown's from h tiers will ours you, make you strong, cleanse your liver, and give you a good specific toins the actives.

A flower grows wherever a kind word is

For impure or this Blood, Weakness, Mala-fa, Neuralgia, Inducestion and Hillousness, & Howards from thit is it close strength, naking did persons feel young and young wroan atrong pleasant to take.

While one woman is quiet the other ninety-nine are asking her why she is.

W. H. Griffin, Jackson, Michigan, writes, "Suffered with Catarrh for fifteen years, Hall's Catarrh Urre cured ma," Sold by Drug-gible, 502.

A baby is a blossom on which there are a few theres.

Beecham's Pills are better than mineral wa-ters. Beecham's monthers, 20 cents a box,

### H s Honor's Mild Protest.

How could two persons be born at the same time and one of the same time at the end of fifty years, and yet one of them live one hundred days more than the other? The answer turns upon the familiar The answer target of the solution of fact that a person who goes around the world  $\mathbf{t}$  ward the west lowest day, while the person who travels in the opposite dire tangains a day. We will structure that that the been quetied and the frightened spe-tators had returned to the court-room his honor mildly observed to the Sheriff that "it seems to me there is

entirely too much disorder in t court room."- Indianapolis News. To Test a Thermometer Bring water to the active bolling point: warm the thermometer gradu y in the steam and then plunge if the water. If it indicates a temin the water. If it indicates a tem-perature of 212 degrees the instrument is a good one

limits his fattaitiers

# At Chicago Royal Leads All.

พัฒน วท วท พบ ตน ตน ตน วท วท ตน ตน วท วท ตน ตน (d)

As the result of my tests, I find the **ROYAL BAKING POWDER** superior to all the others in every respect. It is entirely free from all adulteration and unwholesome impurity, and in baking it gives off a greater volume of leavening gas than. any other powder. It is therefore not only the purest, but also the strongest powder with which I am acquainted.

All other baking powders are shown by analysis to contain alum,

ROYAL BAKING POWDER CO., 106 WALL ST., NEW-YORK. ผ่างขางขางขางของสารเขางขางขางของสารของขางของส



KNOWLEDGE

neys, Liver and Bowes without weak-ening them and it is perfectly free from every objectionable substance. Syrup of Figs is for side by all drug-gists in foc and § bottles, but it is man-ufactured by the California Fig Syrup Co, only, whose name is printed on every puckage, also the mane. Syrup of Figs, and being well informed, you will not secont are substitute if offend.

A Queer Proposition

accept any substitute if offered.

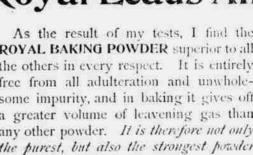
Brings comfort and improvement and tends to personal enjoyment when rightly used. The many, who live bettends to personal enjoyment when rightly used. The many, who live bet-ter than others and enjoy life more, with less expenditure, by more promptly indupting the world's best products to the needs of physical being, will attest the value to health of the pure liquid larative principles embraced in the remedy, Syrup of Figs. Its excellence is due to its presenting in the form most acceptable and pleas-ent to the taste, the refreshing and truly bencficial properties of a perfect lax-ntive: effectually cleansing the system, dispelling colds, headaches and fevers and permanently curing constipation. It has given satisfaction to millions and met with the approval of the medical profession, because it acts on the Kid-neys, Liver and Bowels without weak-ening them and it is perfectly free from When young hearts break they knit again endity. Students, Teachers unale or female), Clergy-men and others in n e ef of change of employ-ment, should not fail to write to R. F. Johnson & 400, Richmond, Va. Their great success shows that they have got the true ideas about making memey. They can choos you have to employ of the hours predicably.

Hickman County, Kentucky, has a judge who is so exceedingly slow to anger that he does not appear to know "contempt of court" when he sets it. During the trial of a case Lefore him recently two lawyers got mad and went at each other fist and skull. Quiet was restored at last, but soon the belligerents were at it again. When the second riot had

We will suppose them, that the two men in question were bern at the same instant in 1000 in, from wheney trip around the world may easily a maccone a year. One of them bes a ways toward the west, the ther toward the east. One loses a day every year, the other goins a day every year. When the neutilities at

firty years of age one has seen of hundred days more than the other. A MAN loses his power when he

ຄູ່ ວາຄູ່ເຄາຍໃຫຍ່ ເປັນຫຼື ຈາກເຫັນຍັງຫຍູ່ ວາຄູ່ ວາຄູ່ ວາຄູ່ ຈາ



WALTER S. HAINES, M. D., Prof. of Chemistry, Kush Medical College, Consulting Chemist, Chicago Board of Health

lime or ammonia.





travitest medicilar bear tost HOOD'S. REALIZING STREET, STRE

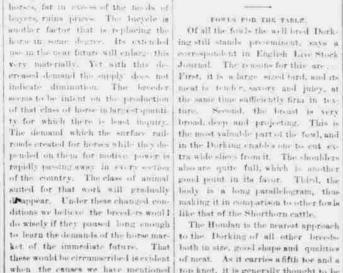
# "August Flower"

I used August Flower for Loss of ritality and general debility. After taking two bottles I gained 69 lbs. I have sold more of your August Flower since I have been in business than any other medicine I ever kept. Mr. Peter Zinville says he was made a new man by the use of August Flower, recommended by have hundreds tell me that August Flower has done them more good than any other medicine they ever GRORGE W. DVE, Sardis Mason Co., Ky. ....



the entry this beaution

The future of the horse breederscens, by a nonufacturing art, and the differto the American Davis and the guarter cart States have charted strict result of electricity as a motor for surface against mossial risks in other departs strifty substances are search cars is displacing large hodies or merits of manufactore. This coperhorses that were formerly us if for vision chould be extended to dairying, pends upon good feed, good water, such purposes. To this we must add that the risks attending fursting sparroads that are using and are about to, afters and need bottles may net grow adopt cables. These throws on the strong enough to wantenly menace market a large contingent of anomale. Life and limb or doty regulation, The presence of such a volume of [American Dairyman,



TOPLS FOR THE TABLE. Of all the fouls the us B lord Dork-

heitit ellerate the same time sufficiently firm in tex-Second, the broast is very broads deep and projecting. This is

the most valuable part of the fowl, and in the Dorking shalls one to cut exabsours quite full, which is another good mount in its favor. Third, the body is a long parallelogram, thus making it in comparison to other for is

The Houdan is the nearest approach

when the causes we have mentioned top knot, it is generally thought to be are recalled. Of course, the farmer across of the Dorking or the Poland ; will bread the horse that best meets bret I have seen it stated in a French

his requirements, 1 it the breeder publication that they have been known must await the settling of the market in France for upward of three hundred that it may formulate the classes of years.

The game fowl is Stat quality, but horses that are most profitable for him its most is of different flavor from the profitable. to breed and sell.

Koston daily neeof the receipts and standing in the turn of the road and expenses of the positivy, and know this mountain lion. The boy was on whether the spin or not.

Success with poultry to terally degood quarters and good care.

Bachwheat can be grown on land two inches of the first shot. That that is not suitable for other grams, settled the status). The she-fron and and heavy made from it finds a ready. Ler cube in the mountime compact, sailes.

rock is a good drinking vessel for Diego, Cil., Sun, feeds. If will not rust and is easily

ed-with one

Indiana affers

will be harvested.

Care should be exercised with the newly-set frait trees. Do not allow the soil to bake or crust too close around the stem.

Wheat is an excellent egg-producing food and will also make young fool grow rapidly. There are times when the relative values of wheat and a poultry products make such feeding

ly officen years of age, but his head Broken fluit is hirsely used by poul wavecool. He dropped down on one of nonnent at this time. The missed these for the protection of employees try heepers in neighborhoods where know and raised the gain. The line had been watching the hunter and raised to a full height, by standing on its hind feet, to make a spring. Just then the boy fired and the bullet struck the loop in the neek just under When the hens with young chickens | the jaw. The bon fell over, but raise are kept in exceptibly should be moved ad again to make an attack, when the every two or three days to new places. boy fired again and hit the field within The skin will be on exhibition in the A common earth-inwate gallon mill, chamber of commerce for a time, [San

Whistling Men.

"Meet people look upon whistlin Chickens can be cured of the gapes | as a nursance," said Herbert C. Satby dropping down their throats a hunp- pffe, who is at the Southern, what of camphorae large as can be evallow- there is no doubt that a whistling man have good deal to recommend him.

Every hive of boes that does not I have a friend who is a warden in a oution a good, fertile queen is in data. Large penitontiary, and he observe that ger of being robbed, and must be in all his long experience he never knew an habitual whistler combining If a tree is allowed to overhear, its to a term in the institution, and he vitality is sugrestly taxed that the next [ says moreover, that although the rules consent only a small and inferior grop as to quict and order are frequently broken, he never remembers to have heard an attempt at a musica whiche within the terrible looking walls of the institution. Whistling

seems to be the natural safety valve of good spirits and satisfaction, and the grumbling man couldn't whistle if he tried." |St. Louis Globe Democrat.

The dining-room of the Campania. the new Cunard steamer, is 100 feet by 54 feet, and seats 400 purceas.



RIPANS CHEMICAL CO., New York.

