Dahlias should always have stout stakes driven close to the main stalk of the plant to give the support needed in case of high winds. If these stakes are painted green they will not be noticeable, and if they are taken indoors in autumn, when the dahlia roots are taken up, they will last several years, They are much neater than anything that "happens to be at hand" when you get around to attend to this necessary work. - American Agriculturist.

CATCHING GROUND MOLES.

Toe editor of the Winn Parish (La.) Democrat gives the following plan for catching the pestiferous ground mole, which is quite novel but simple and inexpensive, and is said to be effective: Take a beef horn an I place it in the run of the moles, with the mouth facing their approach. They crawl into the horn and will never go backward. As many as three are said to have been caught at one haul, all in the same horn. Two horns with their mouths facing in different directions, so as to catch the moles coming and going, would soon clean them up.

PRECAUTIONS IN TREE PLANTING.

Trees carried long distances someimperfect packing or to the extremes of weather. In instances of mutilated roots or branches, it is best to cut them off smoothly. low enough to prevent front teeth have their cavities filled up injury from the lacerated word. A alike to teeth of horses of eight years of clean, smooth cut invariably heats age. quicker and with less risk of forming plem sh than if a ragged wound be left. In heeling-in trees, when the and in a short time after the two next. ground is not ready for immediate planting, many persons suppose it merely necessary to throw a little soil over the roots to shade them. Ar, expecially if dry, will penetrate losse earth and act disastronsly upon roots, causing them to wither, owing to rap d evaporation. As great care should, therefore, be exercised in placing the trees in temporary trenches as when planting in permanent position. The soil should be mellow and carefully distributed among the goors, so as to and due regard must always be paid to making the soil around them as from as mow be said to be a red. possible, - New Fook World.

THE VALUE OF BRAN.

The value of bran for feeding all kinds of farm stock renders it a desirable arricle of purchase. But its lightness and bulkiness greatly increase the cost of transporting it from the great flour manufactorie, in the West to those localities in the East where it is most wanted. A method of compressing it into cakes, similar to the ordinary oil cakes, has long been in use in E irope, and the cakes form a large part of the subsistence of the cavalry borses of the armies. Bean is one of the most nutritious parts of the grain. It contains a well balanced proportion of the different elements of food, viz., 13 to 16 per cent, of flesh-forming substance, 50 to 59 per cent, of heat and fat producing matters, and 3 1-2 to 4 per cent. of fat. All the fat of the grain is in the bean, contained in minute cells in one of the layers of which it is made up. It also has the mineral matter needed lime potash, and phosphoric need. Of the latter a ton of it contains sixtyfive pounds, so that an animal could live healthfully for a considerable time on brin alone, if it were not for the mechanical action on the intestines of its indigestible matter. It is interesting, therefore, to learn that an establishment for the pressing of bran into portable cakes is proposed in the West, through which its use will be much encourage L.

PALL PLANTING OF STRANSPRINTER. By this we mean the transplanting of runners of the present year's growth, whether it be done in July or October. By care and skill it may be done as soon as the young roots are no inch in they are tried, boasts M as Groy in the those of the codfish are used in its. Thisties to be "turned model out" for length, or even earlier. The rule is, Pravie Farm r. This is the way I prehowever, that a plant is not old enough to set until it has branched roots; nor is it self-supporting until sometime later. For this reason it is necessary to stone int, with as much sugar as remove one or more of the leaves when | have to natoes, and let them stand two setting out very young plants in the days. Pour off the agrup, boil and Summer, lost more sap be evaporated than the roots can supply. As the scason advances, more roots are developed, days as before; then boil and skim and there is less ri k in the operation,

-- New York Track.

The advantage of potted plants is that they receive little or no check in being plauted, even if it be done by an drying weather. Piece them on large unskilled person. This enables one to earthen plates and put them in the sun one may not get a full crop, he will which pack them down in small wooden usually get more than he otherwise boxes, with the white sugar between high-priced varieties.

The disadvantages are that they gove more, express charges are higher, and . Why Gladstone's Marriage is a Success the larve of injurious insects, as the strawberry-root worm, crown borer and crown girdler, are liable to be carried in the pots to the new plantation. This, however, can o cur only when plants are layered in the pots in an old bed where these pests are found.

As a rule, potted plants should be u el near where they are produced, so or submitting. Marriage is a failure as to save express clarges. If common varieties have to be sent for, parties insists on being the insister all it is a good plan to buy layers and pot them on arrival. If the roots are too submitting to be the submitter,

long they may be shortened. Common layer plants petted in two-inch pots, and put in a frame where they may be shaded and watered when necessary, will make good potted plants in from one to two weeks. This will save a dollar a hundred on the first cost, and nearly all the transportation charges.

We use one-and-a half and two-inch pots, and ship in handled baskets fined with was at omer and damn mass. The plants are laid on their sides in the pots, with mess between the layers, and then each layer is covered with moss and a cloth cover sewed on. One anda-half-inch nots run thirteen to the pound, and when filled with damp soil seven to the pound. There is no protection to the roots of a pot plant while in transit that is nearly as good as the not in which it erew. One hundred of the smallest siz a weigh about twenty pounds when packed -Boston Culti-

HOUSES TEETH AND WHAT THEY TELL, Some valuable rules for telling the age of a horse are thus laid down in Colman's Rosel World.

A foal of six months has six grinders in each jaw, three in each side, and also six uippers or front teeth, with a eavity in each.

At the age of one year cavitles in front teeth legin to decrease, and he has four grinders upon each side, one times arrive in bad condition, owing to of permanent, and remainder of milk At the age of two years he loses the

first milk grinders above and below and

At the age of three years or two and a half he ca to his two front nippers,

At the age of four years, grinders are and a half years his nippers are all permoment ones, by the replacing of the remaining two corner teeth; tushes then appear, and he is no longer a colf. At tive years a horse has his tushes,

and there is a black colored cavity in the centre of his lower nippers. At six years this black cavity is oblit-

ented in the two front lower nippers. At seven the cavities of the next two are filled up, and the tushes blunted; avoid an air chamber in their vicinity, and at eight the cavities of the two corner to the are infed up. The horse may

Cavities in the aippers of the upper jaw are not obliterated till the horse is about ten years old, after which time the tushes become round and, the ninpers project and change their surface.

PARM AND GARBEN NOTES, Above all things keep the hea house clean and well ventilated.

Don't forget that green food should be fed to fewls when confined Save the best binds for next year's

with the older ones. It will always pay to keep a coop and provide a board or shallow trough in order to economize

Finit and vegetable growers are apt to look at the decant city market with a mognifying glass, and to overlook the advantage of the home market in conscquence. How foolish to reach for the stars to hight your pipe with, when you have a match in your pocket,

The effect of damp ground and stagnant water on fawls-especially on diseases follow as inevitably in those cases as with human exposury to miasmatic exhalations. A day gravelly spot is absolutely necessary to hea thful con-

An excellent way to make a strange w feel "wonted" or contented as piesible-and there is money in this to the dairyman-is a daily use of the card and bruch. Such use promotes her comfort, and very quickly causes her to feel contented with her new master and

Tomato Figs.

My tomato figs are praised wherever pare them: Pour boiling water over the toma occum order to remove the remarkable clearness to its having been skins; weigh them and place them in a skim it un il no scum rises. Pour it over the tomatoes, and let stand two again. After a third time they are fit to dry, if the weather is cond; if not let them stand in the syrup until good This is important with new, each layer. Dried in this way I have kept them three years

> The Grant Old Man, W. E. Gladstone, on the occasion of his golden wedding, is reported to have said that he has solved the domestic problem in this way: "Whenever Mrs. Gladstone insists I submit, and when I insist she submits." He, However, dosen't say whether they take turns about insisting where one of the Ligh contracting the time, and desen't take turns in

COD LIVER OIL

The Method of Procuring This Oleaginous Medicine.

Consumption Often Cured by Inhaling the Factory Fumes.

American cod liv.r oil is made at Portland Me. The livers of the cod, haddock, hake and cusk are used in the manufacture. Only about one-third of the American output of this oil is pro-

ured from cod livers. From September until March the livers are fat and in the best condition. A bucketful of livers will then yield about six quarts of oil. Only four quarts of this, however, can be made suitable for medicinal purposes; the re- manufacture of toy soldiers from sardine malning two quarts is of an inferior quality and is used by curriers.

From March to June the livers are thin and inferior, and will yield only one-half as much oil. Cod liver oil for medicinal purposes must be made from livers of fi-h that have not been dead over 48 hours. Fishing vessels on their long trues to the banks save the fish livers in hoesheads and sell them to the oil manufacturers for 30 cents per bucketful. From these livers an infe rier quality of oil is made that is used by tanners.

Up to about fifteen years ago the most primitive means were used for obtaining oil from livers. The results were very uncatisfactory, and the best portion of the livers was wasted. The old method was to expose the livers to the action of the sun until the oil was dried out. Only a small percentage of oit was thus secured, and the residue was thrown away as useless. Now every portion of the liver is use I. The method is to put the livers into a large tin-lined cat having a coil of perforated steam pipes at the bottom A pressure of thirty pounds of steam is put on the boiler, and the steam escaping through the perforations in the pipes saturates the livers with hot steam and thus tries out the oil. In helf an hour after steam is turned on all the oil that can be procured by trying out will have arisen to the surface. The livers, now termed "blubber," will have wurk to the buttom of the vit. The oil is balled ceff and not into barrels to cool and settie, after which it is retired by being allowed to freeze till it is of the consistency of thick much, when it is put into drilling bags and the pure oil pressed out in a heavy iron press. The oil that is pressed through the drilling is considered refined, and after being put up in new barrels of torty-five galous each is sold to the wholesale drugglets for about thirty six cents per gallon. Prom these it passes to the retail druggies who sell it for #1 or #5 per gallon. Running the oil through charcial and sand has been tried as a breeding and send the others to marker, refining process, but it was found to be Young poultry should not be fed vastly inferior to the freezing and pressing process. Refined and liver oil, when subjected to the same temperature at which the crude oil was frozen, will change its color and assume a milky anpearance. The refining process leaves in the bags a substance resembling lar I in color and considency. It is stenrine, or "tanner's grease," and is used as a

> dressing for morocco. The blubber left in the bottom of the vat after the trying out is allowed to work and fearent for forty-casht hours and is then pressed. After the pressure has continued for fourteen hours all the oil is secured that remains in the blubber; it is inferior oil of which there are six grades. It is worth about twentyfive cents per gallon, and is used by curriers in dressing, tanning and coloring leather. There is left in the bags a substance of the color and consistency of dry mud called "accup" which is double ender 150 feet long, of 55 feet sold t farmers as a fertilizer at \$3 per beam and 12 feet 6 meles deaft.

comes from Norway. It is much clearet and whiter than the American oil. It is put up in tin cisks hobbing 30 galons each, end ose I in wooden barrels. The claim is made that no livers except manufacture, but American manufacturers strongly suspect that it owes its this oil, and it sometimes, goes as high as \$28. America is the largest buyer of

Cod liver of has long been recognized when the oil fails to effect a cure the steam arising from the frying-out vats will succeed.

A consumptive here in almost the pass through a cod liver oil factory, stopped, inhaled large draughts of the usually offensive vapors as though they were the sweets of a flower garden, remarking: "There is something here that factories to inhale the fumes arising from the wats. They assert that their voices are thereby strengthened and cleared .- Nor Fork Sun.

Never allow the fowls to go thirsty.

The nasturtium came originally from

The opal is regarded as an unlucky stone.

The walnut is a native of Persia, the Caucasus and China,

Capers originally grew wild in Greece and Northern Africa.

Ju t 394 babies in this country have been named after Benjamin Harrison. There is a movement in Canada to

abolish the wearing of black for moura-Marseilles, France, was founded by the Photemans 600 B. C., by whom it

was called Massilsa. An important in fustry of Paris is the and other ties that have been thrown

There are \$00,000 more widows than wislowers in England. In France for every 100 widowers there are 191 widows.

The old barlow knife or "toadsticker" once owned by President Buchanan and found four years ago at Wheatland, is at Snyder's Hotel, Langaster, Penn.

At Lexington, Ky., a lawsuit that was begun in 1811 has just been settled. It related to a land claim, and the same in di pute was originally about \$5000.

The word "bit" as applied to a "York shilling" is from the Anglo Saxon word meaning a morsel, a small piece of anything, hence a small piece of

Montgomery Sears, the richest man in Boston, has brought suit against the city for \$1.50 damages done to his property by fireworks during the Fourth of July celebration.

A scaled package all the way from Krainbury, Austria, in which was a queen bes, arrive I recently in Mechanes Pails, Me. The bee was alive and well after the arduous trip.

According to a Pittsburg physician, the bow legs prevalent in that city are attributable to the descent of the bills by young children, in whom the ankles yield to case the strain on the limbs.

Nevada has a curjosity in the shape of a rough rateful walf in ther and a shepherd dog. Its ears stand excet and its ba't much resumbles fur. The uniunit is said to have quite an amable disposition.

It is not generally known that the custom of keeping birthdays is many thousand yearsold. It is recorded in the fortieth chapter of Genesis, twentiseth verser "And it came to pass the third day, which was Pingraph's birthday, that he made a feast unto all his servants."

The molern names of sizes of books are derived from the folding of paper. When the sheet is not folded, it is called a folio, and this size was very fashionable throughout the 16th and 17th centuries. The folio sheet doubled becomes a quarter another double constitutes the octave of eight leaves or 16

In certain caternillars the disestive power is so great that they swallow every day three or four times their own weight in food. If the elephant or thinoceros were to feed on this scale; and were as numerous as the caternal lars, they would require but a short time to devour all the vegetation on the

A curious ferryboat is building for the River Clyde at Glasgaw, Scotland. Instead of requiring movable landing stages or bridges to meet the rise and fall of the tide, the deck of the boat itself will be movable, carried on six hydraulic elevators by which it can be raised or lowered. The best will be a

Making Thistle Pompons,

Perhaps some of the young p will like to be told how to make this lepempens-the dainty, cream colore! balls, dorred with glossy speds that can be made from the large Canada thistles. pompons must be brown and withered, Pull out the brown and bave the white fluff, now cut off the upper portion of mixed with seal oil. Twenty dollars the green covering and insert a broom per gallon is considered a low price for straw in the centre, directly opposite the stem, with a thread would a few times around the end to be inserted to hold it firm. This straw is for a new stem. To fasten the stem and keep the as a valuable remedial agent, but it is ball secure, wind a strong wexed thread not generally known that sometimes , several times a ound the upper part of the thirtle and tie it tight and firm. Then cut off the rest of the green covering and the stem and take out the hard core where the flower joins the stem. last stage of the disease, happening to Hang the ball in a warm place and it will puff out into the prettiest kind of an ornament, - New Y et World

Bolivia's Parisian Exhibit. ing exhibits at Paris. It is a practical and natural size model of a lead morea famous mine-out of which many large fortunes have been made. entrance to it is through a special pavilion erected by the Belivian government.

. A Matter of Acoustics. "Where were you, Sally, when you beard me call you for dianer?"

"Across the street." "And where were you when you didn't hear me call you to go to tedf' "In the corner."-1.fc.

GERMAN JOKES.

Visitor—You say this ruined castle is haunted?
Guide Undoubtedly. The specter

can be seen almost every night.
"It is probably the ghost of some robber."

"No, it is the ghest of an actor, who neglected while living to have himself photographed in his favorite role, and who consequently can not rest in his

grave."

ROUGH ON THE DOCTOR.

Mrs. A.—Doctor, what is the amount of your bill?

Doctor—My dear madame, as your finances are not in very flourishing circumstances, I have concluded not to make any charge at all.

"That's all light, as far as it goes, but I want to know who is to pay the apothecary?"

ANOTHER MISCALCULATION.

Principal to backlement—During

ANOTHER MISCALULATION.

Principal (to brokkeeper)—During the last few weeks you have made so many miscalculations that I must ask you to be more careful in future.

Bookkeeper—I hope you will try and overlook my miscalculations, as I am so deeply in love with your daughter that half the time I don't know what I'm doing, May I hope?

"There, you see you make another miscalculation while I'm falking to you."

A PALPABLE BUT A short time ago it was published in all the papers that his ex-Majesty Milan of Servia was about to become Milan of Servia was about to become a monk, whereupon a Berlin comic paper publishes a cartoon representing Milan in his monastic attitude knocking at the gate of an exclesiastical establishment. The nun who has charge of the gate says:

"This is a convent for nuns."

"I know it," replies the would be pious monk, "that's the reason I want to get in."

Too MUCH HARMONY, PERHAPS.

200 MUCH HARMONY, PERHAPS Molly-What makes you look so

Mony was angrey?

Jennie-- I've goed reason to look angry. Papa said vesterday that I must give up the piano and learn te play on the going, and I can't play any more four handed pieces with cousin Pob. - Texas Sifrings.

" Mamma's Gittin' Better."

"Mamma" Gittin Berrer."
There is gluiness in it e insiscindif.
The shadow finder was
The shadow finder was
Of many a summer day.
"Of man y a summer day.
"The happy children cry.
And the light of hope a lines bright again
In the loving his-santh-say.
In the loving his-santh-say.
In thousands of homes witners are wisk
are death, with the terrible diseases so carnon to their sex, and it would seem in that
are the sex, and it would seem in that
the state of the sex and the family shiften with
the r. This ought not to be, and it need not be,
are never-failing control for the man, in the
certain at hard. Many a house is a been
able hardy because the shadow of disease
as been banished from the shadow of disease
as been banished from the shadow of disease
as been banished from the line present power
I be There S Favorie I tree right, the linthing remosts for all son to see—add disease
colling the warm.

\$300 Howard offered from negrable rase of transfer to the property of the rape's Head off, 50 etc. by draguest.

Phases Cure for Consemption releval the cough, checked the night-wavest and considerable in short, gave a new however, if it to a pa-tient of many who was rapidly and surely an-imated in the first stage of this dreaded dis-

Proteins the man stage of the tribage and case.
To day she is in the enjoyment of fair bestlet, and this result is due to be beneficial effects of only a few battlet of Prec's Cary for Consumption.
If we take into consideration, the regration of this patient's sleke, so, the sevenity of the typical engaged and the major parity of the remedial agreed and the major parity of the remedial agreed and the major parity of the day of all to acknowledge the truly whileful effects of acknowledge the truly whileful effects of

which it in K was registered by the which which it in K was registered effects of Flees Copies for the Wilday Experies M.D.

In every community there are fixing with cover to result, that in mining our medicine lands it for the market also proves its merit, we have not claimed more than it and do. It shoulding the market also proves its merit. We have not examined more than it and more than it and the market also proves its merit. We have not published separational instruct our adversiblements have been increased in the market also proves in the few of the structure of the control of

An "ax" Lande "Treses."

Harvest Exentsions.

The subbet harve extince is a arrangle fortunately the facilities for enjoying it are ample. The 'fit which he is let any A. William the 'fit which he is let any A. William the 'fit which he is let any A. William the 'fit which he is let any A. William the 'fit which he is let any A. William the A. Harvest Exentsions, lines lake at St. Paul to all rooms in the States and Territories above named. For noise detailed in ornation call once address Jours Semastras, temporal Ticket and Passen-ger Agent, Chicago, II.

The black-mith welds iton with scaling

When Decimes theetic Scap was first made in 1864 if cost 30 costs a far. It is present the same incrediction in a far quality own, and decided out for Asia. Buy it of your errors and preserve your clother. If he hand it, he will get it. Pehind the blors Their tails.

There is a tide in the affairs of men which it asken at the flowd leads on to fortugo." If your affairs are as always when we do not first on the first to R.F. Johnson, & Co., 1009. Main St., Richmond, Va., who have plans that will enable you to make manney rapidly.

A driving trade - Ceaching. A hox wind matches free to smokers of Tanani's Punch" Sc. Cigar, No one can blame whipped cream for turn-

Why Don't

Fou take Rood's Sursapartila if you have impure obseld, have lost your appetite, have that tired feeling or are trendshed by alsk invalidately, disper-sia or billiogeness. If has accomplished winsides for thousands of afficient people, and, if given a late trial, is reasonably certain to do you good. "I have been trendshed a great deal with head-mide hash in appetite, no attempts, said fell as

Hood's Sarsaparilla 100 Doses One Dollar

FARMS If so send stamp for circ Tr to LANDS PEERLESS DYES ATT THE PLETT Ely's Cream Balm

CATARRH.

A Child's Remedy for a Mother's Grief. Not many days ago a gentleman had taken affectionate leave of his wife and taken affectionate leave of his wife and daughter for a three months' trip abroad. The child, a levely little girl of two and a half years, stood by a chair with her thumb in her mouth—a favor-ite pastime, and, to her, a panacea for all her childfish ills. She watched her mother for a few moments, saw the tears filling the lovely eyes and drop-ping one by one from her cheeks, then went to her gide, and with a comfort-ing tone, looking pityingly up to her face, said: "Mamma suck to fum!" As

if nothing could so much comfort her.

-Boston Courier.

Thus it was the Suite's Specific

Over land and over unter

Of a salutary agent

West the seriest and Unnited

Dringing to the people tidings

Of relief from blood contagion -

That would purge them of all poison."

TRAINER FOR PORR OF TARGET

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B S U 30



TO HEAL ALL BLOOD CONTAGION.

Took Off His Under Lip.

Bight years ago a cancer came on my lower Hp. had if out out while it was yet amail, and it healed up apparently, but soon broke not again, and conse up apparently, but soon broke not again, and contenenced eating very rapidly. It took off my under pp from one side to the other, and down to my chia. I but it treated by burning, and get so weak that I not not think that I could chard I much longer. After much soldering I discarded all other treatment, and began taking well in Special, and the cancer soon began to had not a short time It was compatible fracted and I was entitled well. It is now year three years since I got well and there has been an agent of any return of the others. I know it was cancer, and I know it was canced alone by S. S. S.

E. V. Prinnand, Phesion, La.

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defendence of the second

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with receive valuable to terminable Free, he addressing E. TOULURE, Bester, Ma

Money in Chickens





fruit a new variety to perfection in to dry. Turn them occasionally. The nine to ten months after planting. While drying will take about a week; after

> seems to strike the right spot," and, although a wealthy man, obtained permission to work in the factory. At the end of a month he had gained thirty ponads, had greatly imprived in appearance and feeling, his appetite had returned, his cough was gone, and finally he comple ely recovered. Singers a'so somatimes resort to coll liver oil

QUAINT AND CURIOUS.