ANTIACO Chile .- Cile is Chilesto. At a also North American. This mixed expression unfolded on me gradually.

I had looked for Latin or America, and found little of racter except the language. Spanis that c o, as might be expected of a Valpar great aport, is cosmopolitan. But Santiar, in the judged could be judged lightly to be characteristic of the coultry. It is fully so, a capital which a essentially the heart of the nation, and here more than anywhere else the impression has been made on me that Chile is Chilean,

the outest. outset. I did not know that the capital was a big, fine city of 300,000 inhabitants, a commercial centre as well as the seat of government. It

plan of the town is Spanish enough in its regularity of parallel and cross streets, plasas, the broad central avenue of the Ammeda, and houses which reproduce the dwellings of old Spain. But after puzzling over it for n whiled discovered what is lacking. Transplanted Spain is not dominant in the architecture. It is subdued almost in insignificance. This is particularis so of the churches, which, moreover, are less numerous than in other South American cities. They have not the Moorish adaptation that is so prenounced in Lima, and they have little savor of ecclesiastic medie valism. Instead of being picturesque and half ruined, most of them are practical, modern looking structures.

The un-Spanish element is also see in Santa Lucia, the craggy hill which is Santiago's most precious possession, and which any city mey well envy it. I suppose in the old days a thickwalled fort may have crowned it, both for its strategic advantages and because the early Spaniards could not help placing a fort on a little hill if the church had not got ahead of the soldiers.

In the memory of recent generations Santa Lucia was only a mass of rocks until the inspiration to transform it into a mountain-side park was felt, conversion into a perpendicular hanging garden of drives, terraces, groves, statues, fountains and grottees was accomplished without art being allowed entirely to deface nature. If Castilian or Andalusian traditions had had much lodgment in the Chilean character the most that would have come of the splendid situation would have been a park at the foot of Santa Lucia.

The names, in Santiago might make nuyone from the States feel at home, but here he would be deceived. The Spanish names that correspond to Brown, Jones and Smith are not predominant and this fact might be taken as another evidence that the Spanish element in the Chilean character is lacking. This guess would be faulty. They are not from Catalania or Andalusia, but the patronymics of the mountain provinces and of the Basque region are yery common.

Where the newcomer from the States is deceived is in supposing the many familiar names he sees and hears, which have not a trace of a foreign tongue, must be of his own people or of his English cousins. Hearing some of the names, the inquiry almost always is: "Your father must have been American, English, Irish or Scotch?" and the answer is: "No, but I believe my father's grandfather had English ancestry."

One or two generations is not enough to account for the names. They go a long way back. While in many ways a visitor from

the North feels himself at home here so far south in other respects he finds that the land and its customs are strangers to him. There is no North American rush and push. Trade, industry, official and social life flow in smooth currents. The day does not really begin until

after the midday breakfast, and it ends in time for a leisurely preparation for the evening dinner. The stores open late and close early. The work of all classes, except the laborers, seems to be compressed into the space of five or six hours.

If I should have a quarrel with Santingo, it would be over the climate. This is the winter season—almost midwinter. And it is cold. Yet the orauge trees in the paties of the dwellings are yellow with fruit; the slopes of Santa Lucia, if not of the rich velvet green of the spring and summer, are still green, and the folinge along the Alameda, while a little brown and thin, is not sere.

At most the appearance is of early autumn. But the cold is a damp, penetrating cold indeors, and not a crisp, is something I want to say to you in invigorating cold outdoors. Few of the houses have chimneys, so that open fire-places are rare. The paraffine or oil stoves, which are the only means of heating, are wofully unsatisfactory, The trouble, the native residents say, is that the rains are too moist. Many families get along without artificial heat the whole winter through. All the poor people do. They shiver for

There is compensation. Though the skies are sombre-triste (sad) is the Spanish word, November gray in Eng- glazed by painting the surface with lish-the snow slopes and ridges of the Cordifleras of the Andes are visible performing the operation very quicknearly always through the haze. At times the sun shipes on them. Then it of the butter and with it forms a kind is like the spring, and one is tempted of varnish which protects the surface to start out for a brisk hour's walk to greet the snow, for Santlago has a snowfall only once in ten years, and then it is a light one. The hour would be a long one, but the summits seem near when the sun shines.

Then have a "political situation" in Chile most of the time, as they tell me. It takes the form of ministerial have been found the notes of some two and repairs, 19548; naval ordnance

or cabinet crises. To read of these crises a long dis indorsed and paid.

stions of govern are serious interruptions of govern-ment functions. Seen on the ground-they are less serious. They are, in sett nothing more than the natural efficience of the political system, which North American Characteristics does not make the chief executive the and of his party or assure film homogeneous administration of his own dur-

ing his term of office.

I stead he has to govern joints with the congress under the parliamentary theory carried to the extreme limit. Political changes are frequent, and the cabinet has to be shifted them. Hence the ministerial be cabinet changes. A crisis was on when I arrived. It has since been resolved in the using manner, and the administration is proceeding smoothly. The new congress was elected in March. Its life a three years, that being the term of diputies or representatives. The senator serve six years and the president, five. There are ninety-four deputies and

thirty-two senators.

I had a cliance to see the opening of the Chilean congress. It is quite a dig-nified function. Mounted troops from the garrison were drawn up in the street, a detachment of military radets lined the entrance to the congress building, and the state earriages, each with four horses, were in walting.

The senators and representatives assembled in the large salon where their joint sessions are held; the diplomatic corps with the papal delegates were seated at one side, while the diplomatic gallery was given over to spectators, among whom were a number of ludies. Their presence was said to be an inpovation of recent years. The acting president and the members of the cabinet were seated on the raised chair or platform.

Commerce and industry are not in the most flourishing condition, and that is why the new congress has serious problems before it. Prosperity has waned. In seeking the causes there is difference of opinion. No political group cares to be held responsible for hard times, and none is able to fix the responsibility on its opponents.

Hints of poular discontent are heard in the workingmen's movement, which s unlike anything heretofore known in Chile, and there are murmurs of the classes and the masses. The social question is a palpitating one. - New ork Globe.

THE AMATEUR PALMIST. How He Gave Mr. Jones a Bad Quarier

of au Hour. Palmistry continues popular. At all the health resorts amateur palmists abound. They sit on the hotel plazzas; around them are grouped a dozen young women fashionably gowned and a man or two; the conversation runs in this wise:

Palmist-"Miss Smith, are you an arfist?" Miss Smith-"No, I am a teacher."

Palmist-"You have the hand of an artist-the tapering hand. The fingers taper to a point, and the palm tapers to the wrist. Don't you draw, or write, or play or something?" Miss Smith-"Well, I do play a lit

Palmist-"I thought so. Let me look at your palm, won't you, please?"
Miss Smith (a little fluttered, extending her hand)-"Why, yes, if you

Palmist- "Aha, these are the lines 1 expected to find. You are Ampulsite. Your heart, not your head, governs your actions. You are generous. Money slips through your fingers easily, but love pictures, books, music, the theatre. Am I right?"

Miss Smith-"Yes." Palmist-"Here, though-ha, ha, ha -really, Miss Smith-remind me to speak to you later about this: it's a matter-ha, ha, ha!-this line-ha, ha!"

The Audience (in chorus) - Hn, ha, bo! Ha. ha. ha!" Mr. Jones-"I don't take much stock

in palmistry." Palmist (who dislikes Mr. Jones)-'Let me see your paim."

Mr. Jones-"All right; here you are. Palmist (addressing the audience generally)-"Now, here we have a hand as different as possible from the artistic hand of Miss Smith. This is a square hand. The fingers, instead of tapering, are broad and flat at the ends. An indication of sordidness. Now, close your fingers, Jones. Yes, it is as I thought. You hold on to your money. You are no spender. What you get you keep."

Mr. Jones (uncomfortably)-"Oh, 1 don't know."

Palmist-"You don't care for the arts. Pictures, poetry, music-nothing of that sort appeals to you. A clay pipe and a bottle of rum-some thing sordid is what you like, ch? You could never make a living in intellectual pursuits-in teaching or the bar or the church. You are in some business that only requires a minimum of intellectual capacity. Am I right?"

Mr. Jones-"I sell shoe blacking." Palmist-"I thought as much. Stick to it. It suits you. Here is an odd line-an unusual line. Let me see rour other hand. Yes, it is there, too, Well, by Jove! Remind me the next time we are alone-ha, ha, ha!-there private. Really-ha, ha, ha!" The Audience-"Ha, ha, ha!"-Philadelphia Bulletin.

. Glazed Butter.

German butter makers have a process of glazing butter with a cont of melted sugar. It is stated that the butter so treated keeps fresh for a much longer time than ordinary butter. It is carefully worked and washed and put up in one pound lots and placed in a cool room. It is then melted sugar, using a soft brush and ly. The hot sugar melts the surface

Golden Rule Jones' Way.

The late Mayor Samuel M. Jones, of Toledo, had been giving away very large sums of money, sometimes as much as \$100,000 a year, to help people out of trouble. Among his papers hundred men in Toledo, which he bad



HE leaven of road improvewho has recently taken a asm with which the people have taken up the "good roads idea" is wonderful. are being raised mainly by issue of

has taken firm hold. The plan just immediately, adopted is for the State, the county, and the township to co-operate in the work of building and improving the roads. The State is to pay two-thirds of the expense, and the county and township in which the work is done each one-sixth of the expense. The State has made available for this purpose \$6,500,000 to be expended during

the next few years. The principle involved in the State aid plan is exactly the same as that involved in the scheme for national aid which has developed such popularity recently. The fundamental idea of both is that road improvement is not merely a matter of local interest and responsibility, but a matter of interest and concern to the whole people; or, to put it another way, road building is coming to be viewed as a species of "internal improvement" belonging in the same class as river and

harbor improvements. Another reason why National and State aid are becoming so popular is the realization that, unless something of the kind is adopted, the burden of bad roads, like the poor, will be always with us. The bottomless roads of the country constitute a sort of "Slough of Despond" in which the people are destined to Lounder until some one comes along to help them out. In fact the expense for improving the roads in local population is wholly unable to bear. It is believed that whenever the State or the nation reaches out a helping hand to such communities, they will grasp it and bend all their energies to the great work of improving their highways, but they will never the outside.

The frequent rains have made the roads almost impassable in a majority of the local communities throughout the Eastern balf of the United States. so many minds.

Lileal Earth Roadbed.

How may we, in a cheap and efficient manner, construct and maintain an earth roadbed? The plan is simple; too simple for ready acceptance, yet as officient as it is simple.

A simple drag is drawn along one aids of the roadbed at the proper time to smooth off the surface, filling the ruts and pushing the earth slightly toward the centre of the road and pressing it into all crevices. This is done after each wet spell, just us the surface is beginning to dry. This produce a smooth surface, the ruts and then, you know, you are able to obtain that enter upon the road go promisenover it, and compact the surface as completely as if it were rolled by a heavy roller. In fact, a wagon with pactupon the surface, and with a total weight of only 1250 pounds produces as cent pressure upon the surface touched as a ten-ton roller. An ordinary two-horse wagon load would produce a pressure equivalent to a twentyton roller. The only question is, therefore, how much of the surface will be thus reached and rolled. Experience shows that in a roadbed kept smooth for a considerable period, say six months, every part of it gets its quota of rolling. Then, again, the smooth roadbed thus compacted sheds the water that falls upon it almost as easily as a shingle roof. Hence the chance for saturation is reduced to a minimum. It is stated than this compacted condition is destroyed by frost. But it should be remembered that the expansive force of frost is in direct ratio to the water content. A saturation of less than 15 per cent. would not when frozen exert expansive force enough to lessen materially the cohesive force or widen the interstices. Roadways cared for in the manner suggested have remained solld enough for the past five years to bear up heavy traffic during every day of every year, the only mud being one or two

inches on the surface, and that was quickly hardened after the rains and promptly smoothed, thus restoring its former fine condition. All kinds and sorts of clays and even sticky gumbo of the Missouri River bottoms have been successfully treated this way so as to remain good throughout the extraordinary wet season.-Good Roads

Dewey's Ship in England. Stars and stripes fluttered over the streets of Gravesend September 26 in honor of the risit of the American crulsers Olympia, Des Moines and Cleveland. The mayor of Gravesend. In his robes, attended by his macebearer and accompanied by members of the corporation, paid an official visit to Admiral Jewell on the Olympia, extending to the squadron a hearty welcome to the Thames. The centre of attraction to the townspeople was, of course, the Olympia, which was Admiral Dewey's old flagship, and hundreds of passengers made journeys round the vessel in small boats.-Lop don Daily Express.

Costly Greatness.

Mr. Prettyman, of England, in reply to a question of the government lately. stated that the average annual cost of maintaining in commission a first-class battleship of 13,000 tons is: Pay of wages of officers and crew, 440,369; vicualing, £14,604; coal, £23,600; stores stores, £5550-a total cost of £94,000, or \$170,000.-Boston Globe.



BAKED TOMATOES. Sinfied with boiled or steamed corn, cut from the ears and highly seasoned, HE leaven of road improve-ment seems to be working dot with bits of better before placing

in all parts of the United in the oven. They are especially good States. As Eastern man with roast beef or with beefsteak. PEACH OMELET.

Pare and pit three mellow peaches and mash fine. Add two tablespoon-In some counties they are in danger fuls of sugar and the yolks of three of "going wild" on the subject. Funds well-beaten eggs. Then stip in lightly the whites of the eggs, stiff-whipped. Turn into a photon dish, and bake in a quick oven fifteen minutes. Serve

BAKED PRACHES.

Set a dozen ripe, pared clingstone peaches in a baking pan. Cover them with sugar, dot with flecks of butter and a squeeze of lemon juice. Bake half an hour in a quick oven. These are delicious, served with game, fowl or any highly seasoned meat. People who like highly spiced dishes sprinkle over their peaches a dust of cayenne MO pepper.

ESCALLOPED CAULIFLOWER. Cold cauliflower may be made to do drty as a brand-new dish on the following day by being escalloped. Break up the sprigs and cover with boiling milk in which a tablespoonful of flour and butter have been biended. Season to taste. Cover the top with grated bread and put in oven to bake, moistening during the process by basting with the milk in which the cauliflower is cooking.

CUCUMBER CATSUP.

Peel large cucumbers, cut them in half and remove the seeds. Put them through a meat grinder, or chop very, very fine. Drain and measure, and to every quart of the cucumbers allow two seeded and minced green peppers. two teaspoonfuls of salt, a grated many localities is a burden which the onion, a scant half-cup of horseradish, and two saltspoonfuls of cayenne. Mix well together, add a pint of vinegar, bottle and seal.

SUET PUDDING.

Chop a cup of suct to a powder and free it from strings. Add to it a cup undertake the job without help from of molasses, and warm the mixture slightly. Add two well beaten eggs. cinnamon and mace to taste, and a pint of flour that has been sifted twice. with a saltspoonful of salt and a scant teaspoonful of baking sods. Last of Perhaps this is one of the reasons why all stir in a cupful of seeded and minced the good roads idea is uppermost in raisius, plentifully dredged with flour. Pour into a buttered mould and steam for three hours.

AN ECONOMICAL DISH. Chuck steak is "tendered" and well larded with fine clear suct. It is then spread out and dredged with flour. Next peas, potatoes, carrots and bits of celery are cut into dice and strewn over it. It is then rolled over and over and the ends well secured by strings or skewers. Afterward this is placed in a casserole, in which is good beef gravy, a bay lenf or two and a few pepper corns, and allowed to simmer until meat and vegetables are tender.

POTATOES AND BACON. delicious breakfast o dish is potatoes stewed with tender bacon. Cut the bacon into large dice and fry until very slightly colored. The bacon should not be allowed to crisp. Drain and mix with creamed potatoes prepared in the usual manner, that is, cut in cubes, and warmed ETIQUETTE OF THE BACKWOODS in a rich cream sauce. Let the potatoes and bacon simmer for a few moments before serving, that the two flavors may have a chance to mingle, Sprinkle with minced parsley.

TOMATO FIGS. Select the small, yellow tomatoes. Scald, peel and weigh. Allow three pounds of sugar to six of tomatoes. Put a layer of tomatoes on the bottom of your preserving kettle, then a layer of sugar, and stand them over a moderate fire; cook very carefully until the sugar has penetrated the tomatoes. Lift them carefully, one at a time, and spread on a large meat platter. Dry in the bot sun, sprinkle them several times with granulated sugar. When dry, pack them in jars, with a layer of sugar between the layers of tomatoes. Cover with glass while drying.



If the hands are rubbed on a stick of celery after peeling onions the smell will be entirely removed.

Handkerchiefs will look better and fron better if a little borax is added to the last rinsing water. The skins of new potatoes can be

removed more quickly with a stiff vegetable brush than by scraping

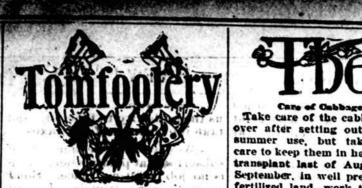
Tubs will not warp or crack open if the precaution is taken to put a pail of water into each directly after use. An ice water jug for night use is fashioned of heavy pressed glass and incased in a cylinder of tin, with tight-

ly fitting cover. Starch made with soapy water will produce a most desirable gloss. Table salt added to starch improves it, says the Pittsburg Press.

When the hands have become soft and shrunken by using soda and hot water, rub them with common salt and it will help to make them smooth egain.

Haircloth is used for upholstering reahogany furniture, but it is the new variety of haircloth in soft colorings and embellished with small geometrical pattern.

To extinguish a chimney on fire take a large handful of sulphur and throw



BOW WOW TALK What are the bow wow's talking of?
Not one of us can say!
But I suppose all bow wows know—
They all speak that same way!
—M. J. H., in Little Folks.

A QUESTION OF THOUGHT. "But you can't make a machine that

will think." "No," replied the inventor, "and i wouldn't if I could-if I thought it would think as some people do."-Chi cago Record-Herald.

TOO MUCH WORK NOWADAYS. Mrs. Oldun-"There was a time, Thomas, when you used to chuck me under the chin sometimes. But you don't do it now."

Mr. Oldun-"Yes, my love, but you didn't have so many chins then."-

NOT APPREHENSIVE. "In a little while," said the man who

London Tit-Bits.

is always agitated, "the railreads will be running the country." "Well," said the easy-going citizen, "If the country were run as well as some of the railroads are, I wouldn't complain."-Washington Star.

SELF PROTECTION.

Higgins-"What do you mean by in troducing me to that fellow? He got \$10 from me and I can't get it back." Wixen-"Yes, I supposed likely. Fact is, that's why I introduced him to you. I might have been out \$10 myself, don't you see?"-Boston Trans-

RARE CONSIDERATION.

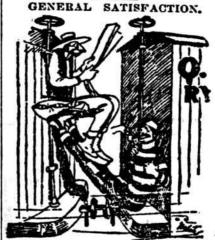
"She is one of the most considerate girls I ever knew."

What makes you think so?" "Why, she wore one of those awfully big hats to the ball game, and when I asked her to take it off, she got right up and went home."-Cleveland Plain

GREAT IMPROVEMENT. Mrs. Wiggs-"Mrs. Newritch is always talking about her trip abroad,

but I don't see that it improved her any." Mrs. Biggs-"She thinks it did. She learned to say Parce for Paris, and

addoo for good-by."-Cincinnati Commercial-Tribune. GENERAL SATISFACTION.



Striped Simpson-"Hope yer don't mind de upper bert', Bill." Wandering William-"Naw, youse kin keep de lower, pard, long as youse don't snore."-Boston Post.

"Bill--"

"What is it, Sue?"

"I'm goin' to tell you one thing-an' that is this: Ef you've got airy razor or gun on you, an' go cuttin' an' slashin' folks at the social, I won't go to the hangin' with you next Friday!"-Atlanta Constitution.

GOOD TITLE.

Poet-"The editor didn't pay the least attention to my last verses. Now, I have written a comic poem entitled "The Alarm Clock."

Friend-"Do you think he will take any notice of it?" Poet-"Oh, yes; it'll make him open his eyes."-Chicago News.

ONE OF THIN GLASS. Teacher-"You never heard of an English king wearing a monocle, did Pupil-"There is one instance. I refer to Richard III." Teacher-"Richard III.?" Pupil-"Yes, Richard with three I's."

-Cleveland Plain Dealer. ACCOUNTED FOR. Horton-"The minister says we should try to appear as well on week days as on the Sabbath."

Norton-"No? That accounts for Sam Jennings wearing his Sunday posed it was because he was in love with some girl."-Boston Transcript.

LOOKS IMPOSSIBLE. Calvert, Jr .- "I notice the United States Government has made a very serious mistake."

Balty Moore-"What's that?" Calvert, Jr .- "They've launched cruiser named Milwaukee." Balty Moore-"Well, where's the mistake in that?" Calvert, Jr .- "Well, can you conceive

Fortunate Women. The following are among the women who carn \$10,000 and over a year: Miss K. I. Harrison, secretary. Rosalle Loew, lawyer. Alice E. Neale, architect. Dr. Anna Bloomer, physician,

of anything named Milwaukee existing

on water?"-Baltimore American.

Elizabeth Marbury, playwright. Electric railways are getting to be the fashion in Japan. Tokio has them it into the fire. When the sulphurous in abundance, and now Osaka, the comfumes ascend they will at once put out | mercial centre of Japan, is preparing to follow suit

Mrs. Sewell, portrait painter.

Take care of the cabbage plants left cased in Mide requires a certain quan over after setting out the patch for tity of nutiment for mere existence. summer use, but take just enough supply this much close only enables care to keep them in healthy condition. It to continue life, but does not aptransplant last of August or first of pease the appetite which craves still September, in well prepared and well fertilized land, work them frequently tenance requirements is supplied the and nice winter cabbage will be your steer converts some of the surplus into reward

She's N. G.

Commercial Poultry says: "The mongrel hen is a cull of culls. She has been produced by no particular care in breeding or any judicious culling on the part of her owner. She is of the lowest grade and constitutes the tail end of the race she represents. duce anything any better or worse than herself. In the phase of the school boy, 'she's it.' She is much sought although a mink prefers a better bred herself when the circuit rider comes in the neighborhood."

Experience With Celery. If only one variety can be grown, Golden Self-Blanching; if two, Golden Self-Blanching for early and Winter Queen for late and early spring. For winter storage in the North, I know of no more convenient or better way than to use boxes, placing the celery as closely together as possible, with all the soil left on the roots in the boxes, and all placed in the darkest corner of cellar. The roots should be kept moist by occasionally pouring water along edge of boxes, pressing the celery tops back so as not to wet them. It will then blanch finely and keep till April if cellar is not too warm. -William M. Cling, in the Massachusetts Ploughman.

Pulling Hardback I pulled hardback out by hand the

first part of August, 1900, and have not hand any trouble with it since. . My view is that if pulled in August when the ground is dry, what roots are left in the ground will not sprout. But if pulled in the spring or perhaps late in the fall, what roots are left will sprout and come up thicker than ever. There was not a very large amount of this weed in my pastures. I think in some places the largest bushes would have to be pulled with a

team. I cannot very well tell how much it would cost, as it varies so much in different fields, but it does not cost so much that one could not afford to do the work. I think it can be killed by mowing two or three years, for the reason that we never see it in our mendows that we moved every year .-C. L. Marsh, in the Massachusetts Ploughman.

Artichokes. A Benton County subscriber asks for information regarding artichokes and their cultivation. He wants to grow them for his hogs. They should be planted early in the spring, as early have the disposition of the broncho in as the ground can be put in proper condition, and the planting and cultivation are much the same as for potatoes. Pieces of the tubers are dropped in rows, three feet apart, and a foot or ket at home and abroad.-Indiana more apart in the row. Cultivate Farmer. shallow and often, till the stalks shade the ground well enough to prevent weeds from growing. A peck ought to plant half an acre, and if the land is rich the yield should be between 200 and 400 bushels per acre. But, as the hogs do the digging, you will have to guess at the yield.

This much can be said, however, that plenty of tubers will be left to seed the ground again after the hogs have done their best. Artichokes are hard to get rid of when once rooted in the soil, but for the purpose you want them that is no objection.-Indiana

Row to Get the Best Prices. To get the best prices for eggs one must not buy them to sell, but must have enough hens to supply the demand. All eggs should be collected taily, and should not be allowed to remain unsold for over twenty-four hours. No stale nest eggs should be used, and every precaution must be taken that each customer may never be disappointed. When the confidence of customers is secured, the matter of good prices will be settled, as the majority of persons are willing to pay any price when they know that the eggs purchased are fresh. No one can make a specialty of supplying fresh eggs unless he carefully avoids those eggs found in stolen nests or in out-of-theway places. The reputation for supplying choice fresh eggs must be made, and no mistakes must occur at any time. as a single bad egg will deteriorate the whole in value. Those who pay extra high prices are not always judges of the quality of eggs, but they have faith and reliance in him who supplies them.-Farm and Fireside.

Utilizing Old Orchards. There are many farms in the country

well sulted to sheep raising which are clothes every day in the week! I sup- not used for that purpose because their owners raise other crops which are profitable. During a recent trip the writer passed through a section where sheep were being raised in old orchards, and he promptly left the train to investigate. It was found that orchards in | inations made. You speak of the herd this section had been planted about the running on the same pasture year after same time, and while they were still year. Now, I desire to call your atbearing good fruit, they were fast nearing an age when they would be no acrid poisonous weeds or shrubs there longer profitable. New orchards had just the same, and that it is only ocbeen set, but instead of abandoning the old orchards the ground had been seeded down and turned into fine pastures for sheep, which were doing finely. Not only this, but it was found that the impossible for anything poisonous to orchards had taken on new life, and were making a profit for their owners. There is a point in this worth any one's attention under similar conditions. In some sections sheep raisers make a business of seeding down and pasturing their orchards, and while there may be some question as to the wisdom of this plan with a comparatively young and thrifty orchard, there can be no doubt as to its value in cases like that indicated.

> The Steer. The grown steer with a framework more money than any other crop.

more food. If provender beyond matufat and stores it away among the muscular tissues of the body, in the bones as marrow, under the hide and about the viscera, says Field and Farm. This fat is fuel in the animal economy for which nature shows an eagerness by manufacturing and laying up a certain amount against the time of need. When first put on full feed It is utterly impossible for her to pro- the feeder as the increase is reported the steer gains rapidly in fat, gratifying by the scales. After a few months, however, the appetite loses its keen when a mink goes out after poultry, not exhibited at first when taking food. edge, and the steer shows a daintiness fowl. If her wings are good she saves time smaller and smaller gains are If placed on the scales from time to shown each day. The fattening process may be likened to inflating a bleycle tire or a football with air. The operation is rapid and easy at first, but becomes more and more difficult until the limit is reached. The steer finally reaches the point where it shows no gain whatever, although consuming considerable feed. It has been fattened to the limit, and retrogression is soon evident. The wise feeder. recognizing these conditions, aims to feed cattle rapidly and as soon as they are in acceptable condition disposes of them without delay.

Growing Braft Horses.

Here is some sensible advice from a good farmer who grows draft horses. He savs:

What I have to say on this subject is intended to apply to the common horse raiser—the farmer. It is just as necessary in all classes of business to know what not to do as it is to know what to do, horsebreeding not excepted. The horse for the farmer is the draft-bred horse. He is the only horse than can be raised by the farmer with little trouble and expense. He is in reach of almost every farmer in the country. It is a profitable business on the farm to raise a few good colts. I say good colts, for it is just as easy to raise good ones as poor ones. It is just as easy to raise good horses as good cattle or good sheep or hogs. It does not pay to raise poor ones-leave that for the other fellow. The farmers that raise good stock of any kind are the men that select good sires. Select a sire from one of the pure breeds of draft horses, Percheron, Shire or Belgian, it matters but little which breed. It is only a matter of choice to the breeder himself. Be sure and sire a good individual. The better the dam the better the result. Always breed their produce to a pure bred sire of the same breed. In a very short time your mares are all alike and of the same type and disposition, all bearing a family resemblance. You will not one and the trotting horse in the other, but you will have a class of horses that are easily handled, easily fitted for the market and an everyday mar-

Cattle Mysteriously Dying. Subscriber to the Tribune Farmer

writes that magazine: "Three weeks ago I found a big fat year and a half old heifer dead in the pasture. She had just died. We skinned her, and there was no mark on her with the exception of some bruised blood around one ankle. We opened her; her heart and liver seemed natural. She had no blood left in her body. Had bled to death. The manure she pased during the night was full of blood. This week I found the next best helfer nearly dead. We got her up and tried to get her home. With help she staggered along for a couple of rods, fell down, and was dead in half an hour. I skinned and opened her; the heart was slightly spotted. In cutting some vein a lot of watery looking blood ran out. The intestines seemed full of the same watery looking blood. She had a bruised spot on the flank the size of a saucer, and the joints of the hind legs had some bruised blood in them. This heifer scoured some the day she died. Her voidings were very black looking. She walked home quite smart the night before, and was licking salt with the rest of the cattle, but was dead by 2 o'clock the next day. What killed them so suddenly? They had no change of feed; were running on the same pasture all summer. This is the third mysterious or sudden death I have had in my pasture in a little over a year, and I would like to know if it is poison, or what it is that is

killing the cattle." "Were it not for the second death in your herd," replies C. B. Smead, in the same paper, "I could with safety say the first one died with intestine hemorrhage, due to the rupture of some large blood vessel; but the second one's dying leads me toward the bellef that there must have been either anthrax or some irritant poison. In cases of this kind no one can with certainty tell the exact cause of death. Should you lose any more you had best call the attention of your State authorities to the matter, and have some examtention to the fact that there may be casionally that an animal will eat them and die. I speak of this, as many seem to think that inasmuch as the pasture has been used before, it is be in the field."

We grew 540,000,000 bushels of wheat this year, and it brought a dolar a bushel.

We grew 2,400,000,000 bushels of corn, and it is worth \$1,200,000,000. We will harvest 11,000,000 bales of cotton, and it is worth \$550,000,000. We grew the largest out crop in five

years, and the largest hay crop on rec

But the egg crop any year is worth