

are much in vogue. The very pretty dash of chic. May Manton walst illustrated is an

admirable example and is suited equal-

ly to the odd bodice and the entire

gown. The original is made of alba-

tross in pastel blue, trimmed with Per-

sian bands and makes part of a cos-

tume, but all soft silks and wool ma-

terlais are appropriate, and the trim-

ming can be one of many things. Lace

applique is handsome, velvet ribbon

is simple and effective and stitched

The foundation lining is carefully

the shoulders and drawn down in

gathers at the waist line. The right

front extends over the left and both

are arranged in gathers at the waist

line, but quite smooth at the upper

portion. The sleeves are in bishop

style with pointed enffs, and the neck

is finished with a collar band to which

To cut this waist for a girl of four

teen years of age three and one-fourth

yards of material twenty-one inches

wide, two and five eighth yards twen-

ty-seven inches wido or one and three-

the plain high stock is attached.

bands are much worn,

New York City.-Russian styles are | with touches of jet black stitched always becoming to young girls and suede that give them a delightful

Box Beauty.

Ever so "airy, fairy" is the latest bon. It is of accordioned mousseline the accordioned pleating being edged with thistle-down-like marabout feath-Around the neck the stuff is puched so voluminously as to hide the mousseline, but the ends are in spiral effect, the plenting showing between the feather edging. For evening wear there's nothing pretifer.

Polka Dots of Velvet.

Polka data of velver make an effect tive trimming used in many ways There are very presty ones of plub velver on a pink slik waist, the dot somewhat larger than a penny ou lined with French know, and with small cluster of them in the centre.

White and pearl that prevail for evening wear, while brown, blue, red and gray in new shapes accord with the one-tone dress and prevalent now

Embroidered chilton, a little of H Introduced into the mufts of crimped and shirred chiffen, has a rich effect which gives dignity to the materials

New Skirt Shapes

Very little difference can be noticed in the new skirt shapes from those of the summer, except they look differ fitted and closes at the centre front. ent developed in cloth.

The back of the waist is plain across

A Glove Revival. There seems to be a revival of the heavy dark-red gloves for street wear, and gray mocha, so much worn last

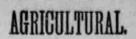
season, is second choice.

Voile is one of the most papular of the senson's fabries. In mauve i makes an ideal evening gown for

On the Blue Side of a Felt. Gray velvet flowers, gardenia es feers, are to be seen on the blue slik eighth yards forty-four luches wide side of a big blue felt hat,

Child's Three-Quarter Coal.

Three-quarter contr. with loose No wrapper ever devised is more fronts and half-fifted backs, mak comfortable and satisfactory for neg- ideal garments for young children, and ligee wear than the simple Mother are in the height of style. This smart Hubbard. The admirable May Man- little May Mauton model combines



Addecececececece

The Actichoke as a Weed. The artichoke, which is recommended as food for pigs, becomes a persistent weed wherever it is established, and considerable work will be required to get rid of it. Wherever potatoes can be grown they should be preferred

Fresh Milk For the Calf. If it is desired to raise a calf give it milk fresh and from the cow, and warm, the vessels to be scrupulously If scours occur give a table clean. spoonful of ground dried blood once a day. Linseed menl jelly is also whole some, but let the calf depend mostly

upon the warm fresh milk,

Manuring a Field. Half manuring a field is sometimes a loss, as the labor and time is really thrown away if the manure is spread over too much surface. It cannot sup ply plant food to be of service unless the quantity is such as to afford a sufficiency to the crop, and it is better to use all the manure on a small plot than to attempt to spread a large field with a limited quantity of manure.

Handling the Calf. The calf should be gently handled from the start. The future disposition of the cow depends upon her treatment when young. a gentle milker the calf blucds never receive a blow or have confidence in the attendants, and of moderate size. The bip rcof gives to break in a calf than to worry with a slope the cellar will be of great ada victous kicking cow,

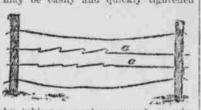
Keeping Onions Over Winter.

A well known seedsman recommends laying onlons eighteen inches thick on the floor in some outbuilding, and as soon as cold weather sets in with freezing temperature, cover with swamp hay, not far from two feet in depth, with about the same thickness of hay between the onions and the side of the building. Do not uncover or disturb in any

way until freezing weather is past, nor then until just about ready to sell. It will be best for the frost to come out in the lighter rear end, a division with before any of the hay is removed, but cemeuted floor for young cattle or if it is desired to market before the sheep. Use high posts. It adds only frost would naturally leave, then take a few dollars to cost, but greatly inoff a part, never all, of the hay to premote thawing.

Tightening Loose Wires.

Even with the most careful buildng a wire fence sometimes gets loose in places, from trees falling on, or stock running against it. Such places may be easily and quickly tightened



by taking a monkey wrench or wire nippers and kinking the wire in a few places, as shown in the sketch, a a The kinks take up the slack much faster than one would imagine who has not tried it, and it takes very little from the strength of the wire.-G. W. McCluer, in New England Homestead.

Feeding Steers For Profit.

Farmers who buy steers to feed do so with the object of having the cattle consume a large proportion of the fod der, straw and other coarse foods. The manure is considered the profit, the price for the food being returned when the steers are sold. Many farmers feed steers only during the winter months, and do not use much grain or hay. The fact is that if the farmers who feed steers will use a liberal supply of grain, and even buy cottonseed meal to assist the coarse foods, they will not only have manure that is much richer, but also secure a more rapid gain in the weight of the animals. Frequently the lack of a single element in the food will entail loss, be cause the animal requires just the one substance in order to thrive Any ex pense in providing varied foods will bring back dollars for dimes.

Weight of Chicks,

The weight of an egg is usually about two ounces, and that of a newly hatched chick about one and a quarter. At one week old two ounces, at three weeks old six ounces, at four weeks old fourteen ounces, at six weeks old eighteen ounces, at seven weeks old twenty-three ounces, at eight weeks old twenty-eight ounces, at nine weeks old thirty-two ounces, at ten weeks old thirty-six ounces, at twelve weeks old forty ounces. Naturally, these weights may vary, according to the food and conditions, but

they are approximately correct. Of course, there are some breeds of poultry that could not be taken in such a test, the breeds that can enter being the standard flesh-producing classes. And while we know that these weights are attained quite often, and are just what they should be, in order to get the best results, still many poultry raisers do not accomplish that much. freedom of the pasture lot for exercise They fail in some way, and consequently their chickens de not grow as rapidly as they should.-Home and Farm.

Salt in the Dairy.

Cows should be salted regularly, or better still, should have constant access to salt. The practice of salting them once is not a good one, as most cattle will lick a little salt every day

Thus provided they will yield more and better milk than otherwise, and salt provokes thirst, the milch animal milk returns. Then the pigs will have should have as free access to water to be dispensed with. Meanwhile, the as to this saline mineral, or the latter grove of fruit trees should be cultiwill to her more harm than good.

Speaking of salt leads me to say that set with them every year. Of course some failures in dairy butter making I have noted, came about by salting the if he intends to adopt fruit growing ex cattle and the butter out of the same barrel. In other words, course, insolu-ble salt was used for the butter, when only the highest and about refined out refined bors, in American Cultivator.

grade should be employed. Salt that s not soluble will not permente the substance of butter evenly, and thus Again.

> THE WAYS OF THE COLF GIRL Gregory Tells What is Involved in Being a Champion Player.

It is not a pretty picture that Eliot Gregory paints in The Century, where he describes the training of a golf champion for the fight of her life:

Having had the honor this autumn to visit in a country house near New York at the same time as a golf champion, whose achievements on the links were thrilling the country, I learned damsels and their ways. The young lady in question arrived a week before the tournament that was to decide her cupremacy, accompanied by her English trainer, a masseuse, and ineldentally by her mamma, a feeble minded lady, so completely demoralized by her daughter's celebrity that she could talk of little else, and would confide, with little thrills of pride, to any one she could get to listen to her, how she could not take a ferrybeat or trolley car without being pointed out as the mother of the "champion."

Nothing more curious than the habita of the young athlete berself can be imagined. After a morning round of the links in company with her coach, the was handed over to her weigen keeper, to be donehed and rubbed and curry-combed till luncheon time. The niteracen was passed excreising in a gymnasima, fitted up in the billiard room for her use. After her Jinner, which, by the way, consisted principally of meat carefully weighed by manima in small scales, the cirl was again rubbed and exercised before retiring. Hers was no idle life, you see.

As the great day drew mar envoys from the press appeared on the scene to sketch and snapshot the celebrity in every pose. Sporty gents in loud clothes followed the morning play surreptiously, in order that the be ting centers might be kept informed as to her condition, and sent to the p. pers none too deliente accounts of her "form" and general appearance -familiarities it was impossible to prevent or resent, as the girl had for the moment become the property e the betting public, which was putting its money on her, and so expected to be kept informed as to the chances of

The strain of the last twenty-four hours was dreadful on the whole household. We talked of little but the match and the "odds," It was rather a shock, I confess, to discover that our fair Diana (on the verge of a breakdown) was being kept to her work by frequent libations of strong "tea" carried by mamma in a flask for the purpose. All minor ills, however, were forgotten when at noon on the great day our sportswoman was brought yoke of eeru guipure, finished off with home, collapsed, but victorious. We felt that glory had, indeed, been shed lar and little lace cuffs adorned with upon the house. Mamma, on the thin small medallions of the same slik. Aledge of hysteries, where she had been staggering for a week, sobbed out that minute tucking, its marked feature be her only regret was that "Tom" had not lived to see the day; and that dear "Polly" had aiways been the joy and

comfort of her life! As all the papers published photos and biographical sketches of the winner, needlessly I add that her portrait cilk muslin, and both this and the coladorned most of the railway stations | lar are further enhanced by Valenand hotel lobbies in the country, and cleanes lace and insertions. Another, that her pet name was on the lips of | in mauve, non-crushable louisine silk, every stableboy and bartender in the has a yoke of cream carrickmacross neighborhood, who may have wen or lace, the collar finished off with straplost their cash through her prowess.

Cost of a Woman's Clothes.

The statement that Mrs. Roosevelt's 'dress allowance" is \$300 a year is discussed with keen interest by wo men. Some say, "I don't see how she does it;" ten times as many, "I wish I could spend as much." But all agree that the mistress of the White House sets an example of quiet and uncstentatious living, even though her dresses cost-as doubtless they do-rather more than the very small amount named.

Yet in dress personal trate and means should govern, not fixed rules. If every woman of wealth should limit her annual expenditure for dress to \$300 bankruptcy would overtake hundreds of thousands of merchants and manufacturers, and many millions of people would face sharp distress. The sudden abandonment of go trivial an ty effects in gray and white, gray and article of dress as the hoopskirt three decades ago, threw dozens of large manufacturing towns into dire want Conversely, fashion's aid has often

been invoked for trade, as when Josephine at Napoleon's bidding unwillingly wore French goods of new manufacture, or when princesses of Britali donned Irish poplin to help its manufacture in the Green Island. The taste for pretty clothes is as innocent as a liking for antique furni-

ture, or "first state" etchlings, or water colors, or rare books whose leaves must remain uncut fest their value perish. It ministers to the love and the pride of fathers and husbands, Money is better expended for clothing than for rich foods and wines which overtax the digestion. And while it is foolish to dress beyond one's means, no better advice can be given to young omen-or, for that matter, young men-than to pay diligent beed to an appropriate wardrabe.-New York the insertions and soft ruchings

Work For the Stay-at-Home.

Embroidering slippers for the minister has gone out of fashlon, but we do fancy work occasionally when our caddies are sick or the weather stormy. The making of lace absorbs many of us for a few hours a week or a month, according to our reposeful temperaments and strong wills.

Beading purses of silk or suede such formed. as our grandmothers used to carry is another gentle employment for slim, white fingers.

tals and spangles is fascinating play. and one can beautify in this way misettes, collars, fancy sleeves, empire belts, etc.

Strips of Russian cross-stitch are delightful adornments for serge frocks, and finer gauge lengths, decorated with crystals and jets, with silk stitchery intermingled, make lovely brotelles and other trimmings for evening frocks.

Box covering, too, is made a fine art, and brass and pewter hammering are fashionable pastimes, but rathe too nolsy for the drawing room

Burnt leather work is not as easy as it looks, but it is interesting, and its possibilities are not by any means exhausted by burning monograms and sprays of flowers on a cardease of picture frame. Handsome panels to set in the backs of chairs or in the leaves of screens are burnt on leather, Heads of Van Dyck and Franz Halls burghers, portraits of Romney beaumany curious things about athletic ties or charming bits of landscape are the subjects of hot-needle works of art.-New York Commercial Adverdiser.

> The Fushion in Vells. Vella newadays are of two sorts-

thick and thin. The newest thick veil is in chiffon, of course, and it has large round holes all over it in lieu of dots, each hole being outlined with silk of contrasting tint to the vell. Thus brown chiffon has its rings cuttined m white, black in white and white in black. But the distinction of the vell les in its hemstitching. This, heading a very deep hem, edges the veil both along the front and up the sides, Only the upper edge is unhemstitched. These vells come a trifle larger than those worn formerly. In thin vells the fashionable thing is a fine close mest with a small chenille dot. There is almost no stiffness to this veiling, thereby insuring its wearing well. "Dressing, as it is called, only appears upon the cheaper grades. The woven dot veil ing to which many women were wedded, not alone because of its good taste, but for its wearing qualities, is not to be found nowadays. It is out of-date, says the shops, and to be out of-date is to be non-purchasable. White and black veils continue to be popu lar, especially among women with graying hair and when worn with all black hats. A few vells are worn in the French style, reaching only to the tlp of the nose. The majority of wo men vell themselves to the tip of the chin, the most artistic method of all Nobody nowadays allows her veil to wrinkle under her chin, or, indeed to extend a morsel of an inch below it. The shadows east upon the face and throat by such an arrangement are fatal to good looks. More young women are to-day wearing vells than over before. To shroul the face is no longer regarded as the the badge of departed girlhood. The ment youth ful vells are of the unspetted variety

Smart Walsts.

Some pretty blouses in the wardrobe of a recent bride included a white glace finely tucked, with collar and a couple of pines in chine silk, the col so a cream oriental satin, showing ing the yoke of braid guipure lace in a Paris eeru tint, with cuffs of the same. It fastens invisibly down the side, and the whole has a rich appearance. A French printed muslin of a blue tone has a front of tucked white pings of silk at the corners, recalling the Oxforl frames.



Butterflies for the hair are made of fine gold net or cloth of gold.

The very rough cloth coats in exccedly fine quality are decidedly the most chie of the winter coats if one leaves furs out of the question. Buttons on the fancy waistcoats-of

the small boy should fill his heart with joy this year. They are shaped and look exactly like small marbles, Some smart shirt waists in shepherd's plaid, with black silk collar and cuffs, are seen, and also very pretblack and red and white,

Queer little bracelets fastening with a clasp are made of rough lumps of turquolse matrix strung tegether with bends of gold, pendants of the matrix being added to some of the bracelets,

A must of chisson is in white; the muff proper small and made of puffs of the material running lengthwise while from the ends deep ruffles stand far out at either side. There is a small sable tail and head on this muff.

Taffeta and velvet will be used for many of the new long coats this winter, and will be made warm by lamb's wool interlining. Black and the dark, rich shades of red, blue and green will be the colors employed.

Point d'esprir is used to make some of the prettiest of underwear. Little skirts show row upon row of narroy insertion with a wide ruffle of the net at the edge. Gowns are trimmed with around the neck. It is one of the daintiest and most serviceable of trimmings.

Three-piece skirts are very popula this season. At the back an inverted box pleat removes the fuliness, and the lengts may be rounded or in a short "sweep." Double darts give smooth adjustment over the hips, and the fashionable "dip," either ventional or quite decided is thus

One of the features of an elaborate evening coat of black is the jabot of cream lace down either side of the gems and front, the lace edged with a narrow jingles on chains is a fad fresh from band of sable. There is a yoke to the Paris, and has a unique feature for fancy work—it is not hard on the eyes.

Embroidering with palliettes, crys-introduced into the coat.



Few people realize that a square

foot of the average Persian rug is worth about \$10, and it takes a single weaver twenty-three days to complete this portion. This allows the weaver about forty-four cents per day for her wool and her labor, but three-fourths of this amount goes to pay for the wool, and only eleven cents per day is left for the weaver. The wages of the producer of the inferior rugs are a little better. A square foot is sold for about sixty cents, and the time required for weaving it is but two days, thus allowing the weaver thirty cents per day for her wool and labor. She uses inferior wool, wanting but little of it, and pays only a nominal sum for cheap dye. The framework of her loom costs comparatively little, as the rug it produces is from twenty to thirty times the size of the superlor rug. Thus it appears that in the long run the inferior weaver is better paid than the one who fatigues her brain with her efforts to produce a rug of the best quality.-Chicago Record-Her-

From Her Daintyship's Diary.

My Laidy Dainty, who has a genius for detail, and especially for the detalls not seen by all the world, says that she considers muslin or linen covers for bureau drawers among the ne cessities of life. She has them made to fit the inside of the drawer. They are of blue, white or pink, according to the room for which they are intend ed, and are lined with lavender or orris powder and worked with a mono gram or a spray of flowers. These covers serve the triple purpose of making the drawer look neat, keeping out dust and perfuming whatever is laid underneath them.

Lady Dainty is fond of fine lace and envies every one who possesses any old lace. She says nothing is too good for old lace of fine quality, and no care too great to keep it in perfect condi-It should be kept in a drawer lined with white satin, she declares, and every now and then exposed to the air and the sunlight. If this last precaution is not taken one's ancestral treasures may fall a prey to the disease which attacks old thread lace, leaving it covered with brown spots that are almost impossible to remove -New York Commercial Advertiser.

How to Prepare Boned Ments,

Boning poultry is a very difficult matter, and requires experience to do it well. It is best learned by watching another who is accustomed to the work, and even then it is better to pay for having it done rather than run the risk of spolling the bird. Sometimes It is necessary to cut the skin up the back and sometimes it can be managed without. When a turkey or fowl has been boned, the place of the bone is generally filled with minced ham and tongue forcement, or mineed veal and sausage meat, then drawn as much as possible into its original shape. It is the carver who reaps the benefit when a bird is boned, and for cold eating the mixture of meats is very tasty, while it also becomes eco nomical in the cutting.

To bone ment, however, is by no means so difficult, the only essentials being a sharp knife and some knowledge of anatomy. The favorite pieces chosen for boning are the ribs of beef. loin of mutton, shoulder ditto, and fillet of yeal. Where bones are numerous, as in the neck, it is better to cook the meat first, when it is easy to slip them out. Boned ment is certainly more economical for a family, as it can be cut without wasting any part. and the bones are made better use of in the stockpot, but, on the other hand, something of the sweetness of the meat is sacrificed, for, as in fruit, the best flavor clings to the bone or stone.



Orange Honey - Mix together the juice of three oranges and the grated rind of one, a small cupful of sugar, a tablespoonful of butter and the wellbeatea yolks of two eggs. Cook over a slow fire, stirring constantly, until about as thick as honey. Serve cold. This is excellent with fritters, all kinds of warm bread and griddlecakes.

Kisses-Bent the whites of two eggs to a stiff, dry froth, add four heaping tablespoons of powdered sugar, one cupful of chopped nuts and a few drops of vanilla flavoring. Sift the sugar through a fine sleve before using. Mix quickly, and drop by the tenspoonful on olled paper and bake to a delicate brown in a moderate oven.

Rice Pone-A breakfast pone disposes of a left-over of boiled rice very satisfactorily. To two cupfuls add three well-beaten eggs, two cupfuls of milk, one teaspoonful of salt, three quarters of a cupful of cornmeal and three tablespoonfuls of melted butter. Beat all well together, and bake in a shallow, well-greased pan in a very

hot oven. Serve as soon as done, Stuffed Egg Plant-Cut in halves lengthwise and dig out the white pa without breaking chell. Built it ten-der in slightly salted water; mash and add as much rolled cracker as you-have egg plant, butter size of an var-and half a cupful of cream. Beat to-gether and season delicately with white peoper and some sait it beated. Fill the shells with this batter and bake twenty minutes. (Very nice).

only can be used and the wrapper to both the cont and the saller col allowed to fall from its edge. The lar. The sleeves are in regulation fining is fitted with single darts and style and pockets, with pocket laps, includes under-arm gores, which rens are inserted in each front. The cont fler it comfortably song, and curves is closed, in double-breasted cycle, in to the figure. The wrapper consists | with handsome peurl buttons and but of fronts, back and under-arm gores, tonholes, and is gathered at the upper edge.

a deep garnet with dots of black, and

ribbon and worn with a girdle of wider

and Scotch flannels, and the still sim-

pler financiettes are all suitable.

coming frills at the hands, and the two and seven-eighth yards twenty neck is finished with a deep turn-over cellar. The beetha, which is optional is circular and takes graceful, undulating folds. The lower edge of the skirt is trimmed with a straight gathered flounce nine inches deep, but the trimming may be varied or the lower edge simply benimed.

To cut this wrapper, without flounce for a woman of medium size, nine and one-half yards of material twentyseven inches wide, eight yards thirtyinches wide, or six yards forty-four inches wide will be required.

Suede at Trimming. Suede is a usual trimming on this

winter's dressy coats. Entire suede jackets that match exactly the color of the skirt's material are exhibited among the tallers' new winter suits. The very dressy sue le juskets are emhered closely in threads of steel or full gold. All of which sounds rather striking, yet the design is so delicate and the threads so weblike that it THREE-QUARTER COAT FOR A CEILD.

ton model shown in the double column | many desirable features and is suited drawing is made in that style, but is I to cloth, chevlot, velvet, velveteen and vastly improved and added to by the corduroy, but as shown is of kersey circular bertha that outlines the yoke. cloth in Napoleou blue stitched with The original is made of cashmere, in black.

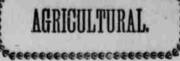
WRAPPER WITH SQUARE YOKE.

The fronts are cut in box style and is trimmed with a narrow black velvet hang free from the shoulders, but the back includes a centre seam that, velvet; but henrietta, albatross, French | with the under-arm seams, curves becomingly to the figure. To the neck is joined a sailor collar that is square The model is made over a fitted at the back, but rounded over the lining which extends to the waist and fronts, which are cut away to close onto which the yoke portions are closely to the neck, where there is a faced; but when preferred, the yoke simple turn-over collar that is seame

To cut this cont for a child four where it is folned to the yoke. The years of age three and five-eighth sleeves are in bishop style, with be- yards of material twenty inches wide.



quires rather a scrutinizing glance seven inches wide, one and havelighth o appreciate their exquisits beauty. Yards forty-four inches wide or one to of the launty little golf green and one-helf yards fifty-four inches



rancidity may be induced. grains of salt in butter always detract rom its appearance, and are inimical to even flavor, from these causes alone lowering its market value. Let me say here that there are to-day just as fine grades of American dairy salt produced as come from England.

American milch cattle fed on American grass produce butter salted with American salt that is the peer of any on earth, and is so conceded in foreign markets. In attaining this result, however, one must utilize the best of everything, thinking not that poor or cheap material can be introduced with impunity to future quality. I knew a dairyman once who, in a spasm of economy (?), sought to save fifty cents by purchasing a cheaper grade of salt than was his wont, and later lost his shipment of butter and thereby seven dollars. It was one of the most effective lessons he could have been taught in practical dairying, exemplifying as it did that cheap material always produces cheap quality. When it comes o cheese making, sait holds just as important a position as in other dairy lines, i. e., that solubility and purity are highly necessary. The relation of salt, be it understood, to all phases of dairying is a highly important one,

Field and Fireside.

and because this fact is so little appro-

claied accounts for many dairy fail-

ures .- George E. Newell, in Farm,

A Very Commodiens Earn. The plan of barn shown in the cut is well suited for such as desire the a harsh word, in order that it may greatest possible capacity in a barn it will not thereafter be nervous. It much additional room, while such a should be rubbed, brushed, petted, fed | roof makes dermer windows to light from the hand and the teats and ud- the second floor a matter of only trider frequently handled. It is easier | fling east. If the barn can be built on



vantage, as it can be partitioned off into a manure cellar, root cellar and,

reases capacity. The interior arrangement of a barn is one of the utmost importance, since on a proper arrangement depend the convenience and economy of time in doing the work. It is well, therefore, when building a barn to sit down with paper and penell and make interior plans. When a plan has been made go to work and do the "chores" right there in the plan. Feed the stock, water it, care for it in every way as hough in the real barn, and you will very quickly find the inconveniences of the plan. It is much easier to change a barn interior on paper than in the actual barn, and very much less expensive.-New York Tribune.

With a Few Acres. The farmer with a few acres has a woolem to salve quite different from the man with hundreds. The latter can raise almost any crop or crops he desires, and do it with a certain amount of ignorance and carelessness which would bankrupt the farmer with a few acres. Yet in many respects the latter has the advantage of the former, and of the two I should prefer the farm of twenty or twentyfive acres to cultivate. The reason is that in the latter case brains must enter largely into the management of the farm, and it is always satisfactory to use the brains instead of the hands in accomplishing success. The small farm must first of all be used for raising only such crops which will give the surest and largest returns, and every square foot of it must be cultivated to the highest degree. It is possible then to make more than a living, and have one of the finest and best farms in the country. What a satisfaction that is to any ambitious man you can readily imagine

On a small farm there should be

dairy cattle, pigs and fruit. This may not suit all farmers, and it may be disputed by some as to whether it is a wise selection. But we will see. Sup pose we plant in the first place several hundred frult trees-five hundred peach, apple or pear trees, according to the nature of the soil and climate. Then while these trees are growing we will raise dairy cows and a few pigs. The cows in particular should be raised for their milk and cream. This can be done profitably if there is any good market near at hand or a creamery which pays according to the worth of the milk. Plant nearly all of the land left untouched by the fruit trees with corn, leaving only an acre or two for pasture or recreation ground for the cows. When the corn has reached the glazed state cut it for the silo, and put it all in for ensilage, Buy sufficient wheat or bran or similar grain, and feed it with the ensilage the year round. Feed everything in the barn, and lot the cows have the The animals will produce more milk and cream in this way than any other, and you can keep more to the acre than if you attempt to raise grass and hay for them. They will soon learn to love the ensilage and prefer it to almost anything else, and summer and winter they will do well on it if sup plemented with grain. A few pigs may be kept on such a place, and they will thrive well on the skim-milk ob tained at the creamery for a nominal sum. Indeed, the two go together very well, unless the milk is sold outright to will also maintain better health. As a city market, where there is no skim-

vated diligently, and a few more acres

one will then soon need more acres, or

clusively, the dairy cows can be dis-

pensed with gradually as more land is planted with trees. S. W. Cham

and scarlet cloth lactors are trimmed wide will be required.