

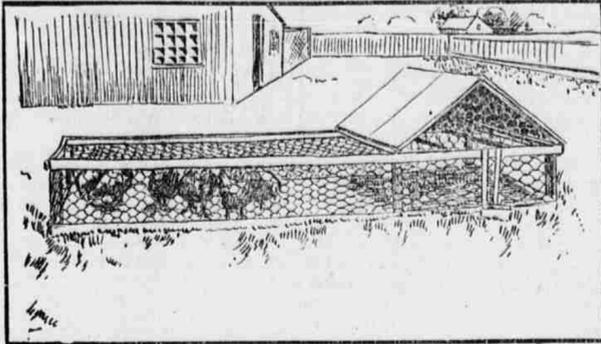
MOVABLE WIRE COOPS FOR THE GROWING CHICKENS

They Furnish Many of the Advantages of a Free Range.

The type of coop shown will sometimes prove valuable for housing growing stock. By its use many of the advantages of a free range can be secured in localities where the area is insufficient to permit such range. The usual practice is to place these coops on grass land and one or more times daily to move them their length or width so that the fowls may have a fresh supply of green feed and unsoiled ground. Of course any given area can be fed over in this way several times during a season. The coops are light and very readily moved. Dragging would be made easier by shaping the lower edges of the ends of the bottom scantling of the frame like a sled runner. The coop can be still further improved.

1. By putting doors about a foot

used with satisfactory results for confining laying hens during the summer. The care of the fowls will take rather more time than in houses, but the use of the coop moved daily solves the problem of green feed; it makes it possible to carry a large number of fowls with many of the advantages of free range on limited areas and it is the observation of the writer that hens kept in this way (with no fixed habitation) become broody less than those in houses and may consequently lay more eggs. An orange box beneath the roof with a hinged gate in front of it for removal of the eggs affords the needed nests. This can be set on and fastened to the bottom frame at one corner so that it moves with the coop. Such a coop will accommodate from ten to 12 hens. As a



Good Type of Movable Wire Coop.

square in the gables so that fowls on the perches beneath the roof can be reached from the outside.

2. By putting a hinged gate large enough to admit the blade of a hoe opposite the end of the feed trough so that it may be conveniently cleaned when necessary.

3. Light diagonal braces in the corners will render such coops firmer and more durable. Wires might undoubtedly be used with advantage for this purpose.

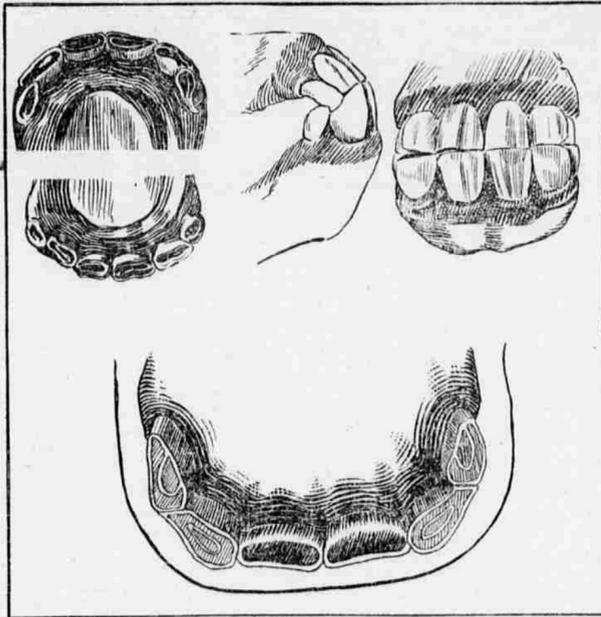
Such coops have frequently been

consequence, in part no doubt of the frequent movings to fresh ground, the fowls suffer relatively little from vermin.

A Gallon of Cream.—A department writer says that a gallon of cream should be rich enough to produce from 3.5 to four pounds of butter. Cream that produces five pounds of butter to the gallon is considered a little too rich, for there is apt to be considerably more loss in handling cream that is so rich.

HOW OLD IS YOUR HORSE?

You Can Tell by the Size and Form of His Teeth.



The upper row are typical of a horse that has reached the age of three years. At that age there are four permanent nippers on a level with the neighboring teeth. These permanent teeth can be recognized by their greater size, their square form and the groove on the outer face.

The lower figure illustrates the teeth of a horse at 2 1/2 years old. Then the nippers are just pushing through the gums, while the middle and corner foal teeth are not yet shed.

WOOD PRODUCTION IN GERMANY

Among all the nations of the world Germany receives the credit of being the most thoroughly scientific. She does with her limited natural resources what younger nations will soon be compelled to do in self-protection; she conserves them.

When our wood supplies, stored up from 100 to 500 years, are within sight of their end, and sawmills that have been moved from the white pine belt of the north to the yellow pine belt of the south have been moved to the Pacific coast for their last stand, then Germany's scientific forestry policy will receive better recognition.

We do not think of moving a grist mill about from one wheat field to another, as the fields in turn become exhausted. After one crop is harvested another is coming on. So it must be with the sawmill and the crop of trees. If it takes 50 years to raise a tree of a given species, then one-fiftieth of the forest may be cut each year, provided it re-seeds or is replanted—and the sawmill stays at the same place and

the workmen live in their permanent snug homes near by; the "lumber shanty" will be a thing of the past; raising trees a business like raising wheat.

Pure Seed Investigations.—Since the publication of bulletin No. 88 of the Iowa experiment station on "Vitality, Adulteration and Impurities of Clover, Alfalfa and Timothy Seed" a large amount of important work has been done along these lines, especially from the standpoint of purity and vitality. The high price of agricultural seeds during the past year has made it especially important that buyers be sure of obtaining pure seed with a high percentage of vitality. The passage of the pure seed law has been a long step in the right direction, but there is still a large amount of seed sold that is far below standard. The results of the latest investigation in this line have been published in bulletin No. 99 of the Iowa experiment station, which will be furnished free upon application to the director, Prof. C. F. Curtiss, at Ames, Ia.

Mites Kill Hens.—We have known mites to kill hens

TWO SMART COATS



A coat that can be easily slipped on to cover the dress is most necessary. The two we show here are just the things to fill this need. They are both suitable to be reproduced in alpaca, fine serge cloth, or Shantung.

The first is close fitting; it is double-breasted, being fastened with large buttons and drawn in at the waist by a band that is passed under the strap each side front and fastened at waist. The sleeves are full, so that they will not crush the bodice beneath; these and the bodice part as far as bust are lined. The back is short-waisted.

The second is a perfectly loose slip-on coat; the sides, although appearing to be laced together, are really sewn on under the lacing. Wide silk braid with tasseled ends is used for the lacing, a still wider braid trims the neck, the ends are passed through openings cut in the collar, and are finished with tassels.

For the first costume is designed a hat of fine straw, trimmed with feathers, and for the second a crinoline that is trimmed with flowers.

Materials required for each coat: Six yards 42 inches wide, four yards silk lining for the first, eight large buttons, two dozen small ones. For the second, four buttons, six yards narrow braid, one yard wide braid, 16 tassels.

TIES FOR WIDE COLLARS.

Not Necessary That They Should Be in Expensive Silk.

Every one knows that with the new broad collar, indiscriminately called Byron, Eton or Peter Pan, the most artistic flowing ties are worn, but it is a new idea to make them of material other than silk. Fine sheer handkerchief linen is the most useful and the prettiest of materials for summer accessories, and when made up into ties it is attractive.

The new ties for Byron collars are simply bows made of a straight piece of linen about five inches wide and 28 inches long. It sounds gigantic, it is true, but the flowing tie of the Quarter Latin must have long loops and long ends.

When making such a tie it is best to cut the linen an inch longer and an inch broader than the finished tie will be, or it must be buttonholed with mercerized cotton all round—at both sides and each end. Sometimes the embroidery is done in a color to match the suit or dress with which it is to be worn, but white is always best for these little things that need frequent washing.

When it is finished it may be tied into a bow and pinned to the front of the collar, but no gold or jeweled pins must be in evidence.

The best way to manage is to slip the linen through the collar band in front and then tie the bow. This hides the collar button and the tie cannot slip. As the band on these wide affairs is narrow, the tie which extends round the neck is likely to get out of place.

Some of these summer ties are cut with ends on the bias.

All lace insertion and edging should be taboed for wear with this new wrinkle of fashion. Byron, though he may have been odd, certainly never wore lace neckties.

BURLAP FRAMES AND BOXES.

Useful Material Made Up in Many Attractive Ways.

That useful material, burlap, has been made up in many attractive ways in the last few years, and now the needlework shops are showing desk pads, handkerchief boxes and picture frames all in burlap and embroidered with soft colored silks.

One set was in a dark shade of green and the design was carried out in tones of wood brown. It does not take very fine stitches or a great amount of work, but when the dainty little articles are finished and mounted on cardboard, they are pretty and effective.

As sold in the stores, such things are expensive; but why not cover a box—and there are plenty around the average house—with burlap and leave it without further elaboration? It would not soil easily, and it would prove a formidable rival to the silk and tapestry affair.

Dotted Swiss Sets.

Among the many smart trousseaus now being made for autumn brides some of the prettiest sets are built of finely dotted swiss. This fabric makes up into dainty garments and is a change from the regulation white muslin.

One set has a nightgown and chemise in empire style, cut round at the neck, full over the bust, with beading around the figure under the arms.

This is run through a one-inch colored satin ribbon tied in a large bow in the center.

With this set goes a full-length matinee, also made in empire style, with wide sleeves and an immense lace collar tied in front with a soft blue bow.

Shirtwaist Rings.

Shirtwaist rings are a fad with the summer girl this season. The ring is a slender band of gold supporting a large stone of the semi-precious variety, the color matching the set of shirt studs worn. Among them there are many mountings, such as pearl, coral, lapis lazuli, jade, amethyst, ruby, turquoise, topaz, etc., to choose from.

The prices are equally varied, for one can pay as little as 60 cents or as much as three dollars, according to quality.

The Furished Comb.

Highly ornamental combs for the hair have been introduced threaded through with ribbon at the top, in some cases tucked into rosettes, in others left hanging, with a view to being woven through the hair in the manner approved by individual wearers. As well as ribbons, little clusters of curls are fixed to the comb, and it is a pretty idea to attach knots of flowers with trailing foliage and tiny buds that can be lightly fastened to the coiffure by the comb.

French Chalk Uses.

If a girl is away from a cleaner's and she finds one of her best frocks spotted with grease, she can try the simple remedy of French chalk and hot iron. The chalk is spread thickly over the spot until all the grease is absorbed. Then a piece of blotting paper is put over it and a warm, not hot, iron is held over it to draw the grease into the paper. Rub off the chalk with a soft silk or muslin rag and the spot will probably have disappeared.

COSTUME IN PASTEL BLUE.



The coat trimmed with braid and embroidery.

Pianos Pianos Pianos

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CARRIED GESTURE TOO FAR.

Boy's Action Possibly Appropriate, But Somewhat Unnecessary.

Vivian Burnett, the original of the still-remembered Little Lord Fauntleroy, at the Chicago convention discussed with a reporter a certain party maneuver.

"They went too far there," said Mr. Burnett. "They made themselves ridiculous by their excess. Do you know what they reminded me of? They reminded me of a juvenile eulogist, my mother often tells about."

"This lad, at a school treat, got up to recite the first piece of his life. He was ambitious; he wished to make a great success of his piece; and he had been told by his teacher that the secret of elocution was the gesture—for every phrase its fitting gesture."

"The opening line of the boy's selection was 'The comet lifts its tail of fire.'"

"The overzealous boy, to fit its proper gesture to this line, lifted up the tail of his coat and held it out in a horizontal position."

Starch, like everything else, is being constantly improved, the patent Starches put on the market 25 years ago are very different and inferior to those of the present day. In the latest discovery—Defiance Starch—all injurious chemicals are omitted, while the addition of another ingredient, invented by us, gives to the Starch a strength and smoothness never approached by other brands.

No Social Standing.

"What do you think, Maria?" exclaimed the steel magnate. "Our son Reginald writes that he is on his wedding trip and his wife is a paragon." "A Paragon?" echoed his wife. "Dear me! I can't recall the name of Paragon in the social register. You must look her up at once, John, and see if Reginald has disgraced himself by marrying into an inferior family."

Withholding the Price.

"Muggsy tried ter quit boozin'. He onct tried de gold cure, but it wasn't no good." "Naw, de on'y thing for him would be de nickel cure." "De nickel cure?" "Yeh; keepin' nickels away from him."—Philadelphia Press.

With a smooth iron and Defiance Starch, you can launder your shirtwaist just as well at home as the steam laundry can; it will have the proper stiffness and finish, there will be less wear and tear of the goods, and it will be a positive pleasure to use a Starch that does not stick to the iron.

Elephants as Sandwich Men.

Elephants are being employed in Paris as "sandwich men" to advertise a music hall in the Champs Elysees.

Omaha Directory

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Omaha Directory

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