PORTLANDMARKET

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MACHINERY

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We help the appearance of women.
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"The radio-micrometer," we read, 'is so sensitive that it will respond if anyone in its neighborhood should blush." In the present state of society don Punch.

Cuticura for Pimply Faces.

To remove pimples and blackheads smear them with Cuticura Ointment. Wash off in five minutes with Cuticura Soap and hot water. Once clear keep your skin clear by using them for daily toilet purposes. Don't fail to include Cuticura Talcum.-Adv.

Worth Trying, Anyway.

Honestly, in looking around we wouldn't need one-tenth of the liver a comfortable place to stay at night medicine it consumes if the folks al. and during stormy weather. The bulways made it a point to do a decent day's work .- Exchange.

Keep Your Temper.

Some men are like popcorn-as long as they keep cool they can conceal what is in them, but whenever they get excited they turn wrongside out. -Boston Transcript.

Explanation in Order.

yersilf, ye moth-eaten old corpse! (Confidentially to his passenger) It was the 'orse I was spakin' to, ma'am. -London Tit-Bits.

Would He?

"Say, Doc, if I told you I didn't have the money for an operation, would you still think I needed one?"-London Passing Show.

Simplicity.

The art of art, the glory of expression and the sunshine of the light of letters, is simplicity.-Walt Whitman.

Comfort Baby's Skin With Cuticura Soap And Fragrant Talcum For sample Cuticura Talcum, a fascinating fragrance Address Cuticura Laboratories, Dept. X. Maiden, Mass

Are You Satisfied? BEHNKE-WALKER BUSINESS COLLEGE is the biggest, most perfectly equipped Business Training School in the Northwest. Fit yourself for a higher position with more money. Permanent positions assured our Graduates.

Write for catalog—Fourth and Yamhill, Portland.

KEEP CHICKS IN BEST CONDITION

Young Fowls When Old Enough to Shift for Themselves Must Be Given Care.

NEGLECT IS CAUSE OF LOSS

Bulletin Given Out by Department of Agriculture Especially for Beginners Gives Essentials for Proper Growth,

(Prepared by the United States Depart-ment of Agriculture) The enthusiasm with which many poultry raisers, particularly beginners, start in the spring with young chicks sometimes lags as the season advances and the chicks get old



Boys' Poultry Club and His Flock.

enough to shift for themselves. If care is neglected at this period, however, success is improbable. The baby chicks may be smart little fellows from strong, vigorous parent stock, and they may have been brooded carefully for the first two or three weeks, but unless they receive proper care and management during their later growing period they will not develop properly, and many of them will be lost by sickness and disease. This is the timely warning made by poultrymen of the United States Departthere is no great fear of its being ment of Agriculture in Farmers' Butoverworked in this connection.-Lon- letin 1111, "Management of Growing Young Chicks," published by the department, in which is given the essentials to proper growth and development of chicks. The bulletin is written briefly and in simple terms for beginners, especially members of boys and girls' poultry clubs.

Suitable Food and Care.

The chief essentials to the proper growth of chicks, according to the bulletin, are good coops, or houses, cleanliness, proper feed and water, shade and free range. Growing chicks should be provided with large, roomy reach the conclusion that this country coops or houses, which will give them letin suggests no particular kind of house, but states it should be so built that it will provide the chicks with plenty of light, pure air and sunshine, and protect them from dampness and storms of all kinds.

Chicks should never be crowded in brood coops, for crowding will cause them to become overheated, resulting in improper growth and sometimes in dead chicks.

Sickness or disease usually starts in unclean quarters, and in such Irish Cab Driver - G'wan, shake places lice and mites are always more plentiful, the builetin says. The coops should be cleaned and sprayed once a week, and clean shavings, chaff, or sand put on the floor. Examine the

chicks and houses often for lice and mites, and if found they should be gotten rid of at once. Farmers' Bulletin 1110 gives directions for fighting lice and mites.

Feed Right for Rapid Growth, The three kinds of feeds most necessary for rapid growth are grain feed, green feed and dry mash. A grain mixture should be fed night and morning, giving as large a quantity as the chicks will eat clean, but no more. A good mixture for growing chicks consists of three parts cracked corn, two parts wheat and two parts hulled oats. Kafir corn or rolled or hulled barley may be substituted for hulled oats. A supply of fresh green feed is almost as neecssary as grain for growing chicks. They obtain plenty of it if they have free range, but if kept in confinement, lawn grass, beet tops, cabbage, lettuce or other such green

feed should be supplied regularly. Grit and oyster shells should be provided so the chicks may help themselves whenever they wish. When sour milk can be obtained it should also be kept before the chicks, as no feed is regarded better for them. When this is given the amount of beef scrap in the dry mash may be reduced onehalf. Plenty of fresh, clean water is absolutery necessary, and in hot weather it should be provided twice daily in dishes that have been thor-

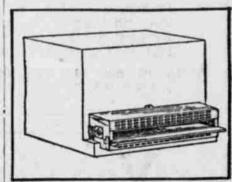
oughly cleaned. The bulletin emphasizes the importance of free range and shade for growing chicks. They are necessary if chicks are to grow rapidly and develop into vigorous fowls. When growing chicks have free range they obtain quantities of green feed, bugs, worms and other things, therefore they require less grain and are less liable to sickness and disease.

AUTOMATIC TRAP ON BEEHIVE

Primary Object of Invention Is to Prevent Bees From Leaving in Large Numbers.

The Scientific American in describing an automatic beehive trap, the invention of D. S. Rowe of Marseilles, Ill., says:

"The invention relates more particularly to an automatic bee trap. The primary object is to provide means whereby the entrance and exit openings of a beehive may be automatically closed by the weight of the occupants to prevent the bees from leav-



A Perspective View of a Hive, With

Invention Attached. ing the hive in large numbers, which is commonly known as 'swarming.' It is a further object to provide a means by which the ordinary passage of the bees in their performance of gathering honey is unobstructed.

KILL OUT DODDER SEED

During the first season of infestation in clover or alfalfa. dodder usually occurs in small scattered areas. Such infested areas should be either mowed and removed before the dodder matures seed or else burned in the field. If seed has formed, burning is the only remedy, since it kills not only the plants but also the seeds of dodder which may be lying on the soil surface.

WHITE ANTS INJURE TIMBERS

Insects Enter Wood Wherever It Comes in Contact With Damp Earth and Eat Into Beams.

Winged white ants are often observed flying about houses in spring, and are sometimes supposed to have come in from outside. The bureau of entomology of the United States Department of Agriculture explains that these winged insects really are hatched inside the buildings, and usually are to be taken as indicating nests of wingless white ants working destruc-

tion in the timbers. These insects, which really are not properly ants, enter the wood wherever it comes in contact with damp earth, and often eat into the center of an upright beam without manifesting their presence on the outside until the wood is entirely ruined, and possibly a settling and cracking of the build-

ing has resulted. The department urges that build-

or if it is necessary to use wood, that it be impregnated with tar creosote. Concrete floors should be laid on a gravel base to prevent dampness and cracking, and where cracks occur they should be promptly filled.

4.......

Keep Incubator Clean.

After each incubator hatch comes off, the interior of the machine should be cleaned most thoroughly. Sponge it out well and then spray it with a good disinfectant.

Sunflowers for Hens.

Plan to plant a lot of sunflowers in all available fence corners this spring. The seeds are excellent for the hens.

Sweet clover does very well on good cornstalk ground, well disked. The soil must be sweet.

Soil for Sweet Clover.

Seed Bed for Clover.

Sweet clover is very similar to the ings be constructed with such founda- other clovers in its habits. It should No. 27, 1921 tions that no wood touches the ground, be seeded on a rather firm seed bed.