

**ARTIFICIAL LIGHT ADVANCES EGG YIELD**

Much has been written and said regarding the beneficial effects of artificial lights on animal and plant life, but it is doubtful if its true value to the farmer-poultryman is fully recognized, says W. T. Scott, head poultryman, Dominion Experimental Station, Harrow, Ont.

If it were possible in Canada to keep birds on range outside in direct sunlight all the year, artificial light would not be a factor of so much importance. When, however it is necessary to confine the birds to the house for about six months of the year the use of artificial light during the short dull winter days is a sound and helpful practice, he emphasizes.

There are several functions associated with the beneficial use of lights in the hen house that are not generally recognized. Using lights to increase egg production has long been a sound, economical practice with the progressive poultryman, generally under the impression that the longer feeding period allows for a greater consumption of food and the greater yields of eggs is the natural consequence.

Without doubt the increase in the amount of feed consumed is a contributing and important factor in increasing the egg yield but the true function of the light is believed to be the stimulating effect that it has on certain glands that play their part in the process of ovulation and more eggs are laid and a greater appetite develops as a result of this stimulus.

Due to this all round action there is also a better resistance to disease and a higher fertility in the eggs that are used for reproduction, all important economic features that follow the application of lights in moderation.

During the fall, winter and early spring the active feeding period should be extended by the lighting to about 14 hours each day. Longer periods are likely to offset the advantages to some extent. It has

been found by research at the Experimental Station at Harrow that longer periods of light had a tendency to increase broodiness. As a general rule two 60-watt lights are required for 400 square feet of floor space and a reliable time clock with timing resistance should be used to ensure regular intervals of roosting and feeding.

**SUGAR AND PRESERVES RATIONING SYSTEM SIMPLIFIED**

To simplify the present sugar and preserves rationing, Wartime Prices and Trade Board has announced that beginning January 1st, 1946, one coupon will cover purchases of

sugar, preserves and allied rationed items.

The new plan, which combines simplification with a step in the direction of decontrol, is set at a level slightly above that which existed for consumer ration during the last eight months of 1945. The single coupon will cover the purchase of any one of the following units—1 lb. of sugar; 24 ozs. of jam, jelly, marmalade, fountain fruits or cranberry sauce; 4 lbs. of honey; 30 oz. corn or table syrup; 80 oz. molasses; 40 oz. canned fruit; 2 lbs. honey-butter; 48 fluid oz. maple syrup; 4 lbs. maple sugar.

On January 1st, all valid and unused pink coupons marked "sugar" will take the new ration values of

1 lb. of sugar or the preserves value shown above. On January 17, sugar coupons numbers 68 and 69 will be declared valid and in February the last of these coupons, number 70, will also be validated. After this the "S" coupons are to be used for the sugar-preserves consolidated plan.

All preserves coupons numbers 33 to 57 and all P coupons, numbers P1 to P25, the last four of which become valid December 20, and all unnumbered preserves coupons, will expire January 31, 1946. Up to and including that date they may be used to purchase preserves or sugar at the old coupon value.

The allotment of sugar for home canning will be the same as in 1945, ten pounds per person, and will be

**A Message to the Ladies**

Whether it's for Dad, Sweetheart, Husband or Brother you'll find the Gift "HE" wants here. Don't delay! Come in today! Here is a partial list!

- TIES
- DRESSING GOWNS
- SWEATERS
- PULLOVERS
- CARDIGANS
- HATS, CAPS
- GLOVES
- SCARVES
- SOCKS
- PARKAS
- DRIVERS CAPS
- BELTS

- PLAID SHIRTS
- SHEEPSKIN and DOESKIN VESTS
- SUITS

- MACKINAW
- HORSEHIDE COATS and WINDBREAKERS
- HANDKERCHIEFS

- SNOW SUITS
- TABLE CLOTHS
- PILLOW SLIPS
- CARD TABLE COVERS

**Memo to Men in a Hurry**

Shop for Her where she shops for herself. A dozen ways to say "Merry Christmas. The "Gift" she wants is here

- HOUSE COAT
- GLOVES
- BLOUSES
- WINTER BAGS
- MITTENS
- FUR NECK PIECES
- KERCHIEFS
- SCARVES

- SKI MITTS
- SKI JACKETS
- SKIRTS
- SWEATERS
- DRESSES
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