

NEW IDEAS.

There is a fortune awaiting the inventor who can discover a successful method for the preservation of eggs. The long severe winter in this region renders it absolutely essential to preserve eggs, if they are to be had during this season.

The principle involved in preserving eggs is the preservation of the mucilaginous coating, which naturally covers the shell, and which prevents the entrance of the germs of decomposition. When this coating is removed, the egg begins to become "stale," and the process of decay actually begins. The use of lime and salt as means of preservation, never entirely successful, does not preserve the protecting covering on the shell and no process can be successful unless it does this. Experiments have

shown that water glass comes more nearly being a perfect preservative than anything that has hitherto been employed. There is always danger of the bursting of the shell of an egg that is thus preserved, when in hot water, but this disadvantage may be overcome by carefully piercing it with a needle. The question will naturally arise, if the preservation of the surface of the shell in its natural condition is all that is necessary to preserve the egg, why could it not be coated with some preparation that would answer that purpose. It could be. Vaseline will preserve it and might be used on a small scale, but it would require too much time, and consequently expense, to use this means extensively.

It should be within the power of some inventor to discover some simple and cheap method of preserving eggs, and thereby not only gain a fortune but also bestow an inestimable benefit upon the human race by placing within the reach of all a necessary article of food.

NEW ANILINE COLORS.

Benzo Fast Violet R. The distinguishing feature of this new dyestuff is its superior fastness to light over any of the older qualities. It produces a very bright shade, the light tones of which yield nice Heliotropes and Lilacs so much now in vogue.

Benzo Violet R is adapted for the production of self shades, and on account of its fastness to light, and washing, should prove of value, especially for yarns and piece goods.

In dyeing mixed fabrics the cotton dyes a deeper shade.

Celestine Blue B is a new color which dyes fine Navy Blue shades on cotton cloth previously treated with alumina and tannic acid. Such shades are considerably faster than, for instance, a combination of Methyl Violet with Brilliant Green.

Fast Light Yellow G. This color is a clear yellow of reddish tone, which appears greenish overhand. It is possessed of extreme fastness to light, being faster than any hitherto known acid yellow, with the exception of Alizarine Yellow 3 G. It is, however, brighter in shade than the Alizarine Yellow 3 G. It is somewhat clearer and dyes easily level. In tinctorial power it is

also stronger, and is well adapted for dyeing slubbing, yarn and piece goods.

Naphthalene Acid Black S produces a full deep black. The properties and method of dyeing are identical with the older 4 B brand. It is possessed of good penetration, is fast to washing, rubbing, steaming and light, answering all the ordinary requirements as regards the above. Naphthalene Acid Black S is extremely well adapted for the dyeing of woolen yarns, pieces, dress-material and felt.

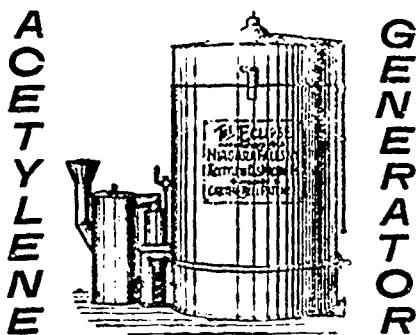
Diazo Black 3 B and G. Both of these new Diazo Black homogeneous dyestuffs, just brought out by the Farbenfabriken of Elberfeld, are adapted for the dyeing of cotton. They resemble the former brands of Diazo Blacks in fastness, the diazotised and developed shades being very fast to light and washing. With developer A full Navy Blues are obtainable, whereas developer H yields deep and bloomy black shades. A black so produced is indisputably the finest diazotised black obtainable.

Dyed in the ordinary manner with common salt, good shades, uniformly dyed, on half-wool, may be obtained.

Dyed patterns, samples and circulars, about new color products, promptly mailed gratis from the Dominion Dyewood and Chemical Co., sole agents in Canada for the Farbenfabriken, vorm. Friedr. Bayer & Co., Elberfeld, Germany.

A pleasant evidence of the growing time in Hamilton was given at the Ontario Lantorn Company's new factory, where a complimentary supper was given to the eighty-five employees by the company. In this happy manner the three-story brick addition to the factory, ninety-five feet by thirty-two feet was opened, and the new machinery that has been purchased for it will be started up at once. It is the intention to employ over 100 hands and to branch out into the manufacture of lines of goods now imported from foreign countries, as well as continuing the manufacture of the present lines of sheet metal. Messrs. Walter Grose of Montreal, and Ernest Schultz of Hamilton, are the owners of the rapidly extending business, they having begun manufacturing lanterns, etc., ten or twelve years ago with less than a dozen employees.—Spectator.

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