

# New Year's Day Celebration

Under the Auspices

---of---

COURT WAIALEALE of the ANCIENT ORDER OF FORESTERS

Horse Racing Bulldogging Steers

Children's Games and Races

Football

A BIG DAY OF SPORTS

WAIPOULI RACE TRACK

January 1st, 1923

Admission 50 cents; Children 25 cents

## UNIVERSITY EXTENSION LETTER

### YOUR GARDEN THIS MONTH

Where green manuring of garden plots has not already been done, no time should be lost in preparing the soil by turning under plenty of coarse barnyard manure. A cubic yard of manure (16 1-2

yard manure. A cubic yard of manure for each square rod, or forty tons per acre, is the least that should be applied. It probably would be well to add about 10 pounds of phosphate to each cubic yard of manure at the time of application. This may be in the form of either of reverted or acid phosphate.

Be very careful in December and during the rainy months not to work your land when it is too wet. Better let the weeds grow rather than rain your soil by working it too wet. The soil should be turned over a second and third time in December and January before planting the garden. It is good practice to plant on raised beds at this time of year to insure the best drainage possible.

Cold frames and flats. A number of garden crops which thrive better in the spring instead of now may be started now in cold frames or in flats placed in a protected position and thus gain a month or so in the maturing of crops. A cold frame is a box with a glass cover, the glass serving to hold some of the sun's heat inside and the resulting warmth hastening the germination of seeds and early growth of seedlings and cuttings.

Some of the crops which may be started in this way are artichokes, asparagus, celery, chard, clayote, cucumbers, egg-plant, tomatoes and others.

### WHITE WASH IS GOOD PAINT

White wash is the cheapest of all paints, and for certain purposes it is the best. Lime, which is the basis of white wash, makes a very sanitary coating, and is probably to be preferred for cellars and the interior of the stables and other buildings. The following directions for making white wash are taken from Farmers' Bulletin 474, "The Use of Paint on the Farm," which gives several other white wash formulas for interior and exterior use. Write us if you want a copy of this bulletin.

Ordinary white wash—This is made by slacking about 10 pounds of quick lime with 2 gallons of water.

The lime is placed in a pail and the water poured over it, after which the pail is covered with an old piece of carpet or cloth and allowed to stand for about an hour. With an insufficient amount of water the lime is "scorched" and not converted into hydrate; on the other hand too much water retards the slacking by lowering the heat.

Scorched lime is generally lumpy and transparent, hence the use of the proper amount of water for slacking and an after addition of water to bring it to a brush consistency.

It has been found by experience in Hawaii that a very attractive tint may be obtained in white wash by mixing a suitable amount of common cane molasses, putting in enough until the desired tint is obtained.

The official government formula for a really superior white wash is as follows:

62 pounds (1 bushel) lump lime or 100 lbs limoid; 40 pounds table salt; 3 pounds rice flour; 2 pounds glue; 1 pound whiting.

Slack the lime and allow it to cool thoroughly. Mix the other ingredients with hot water and then add the slacked lime or limoid. Thin the mixture to the desired consistency with hot water and apply the white wash hot. Molasses could be added to give a color tint.

For exterior use on buildings, fences, etc., here is a good formula:

62 pounds quick lime (slack in 12 gallons hot water); 2 pounds common table salt, and 1 pound of zinc sulphate dissolved in 2 gallons of boiling water; 2 gallons skim milk.

Pour the salt and zinc sulphate into the slacked lime and then add the milk and mix thoroughly. Alum added to a white wash prevents it from rubbing off. Use one ounce of alum to each gallon of white wash. We are indebted to the Nebraska experiment station for much of this information.

### ANOTHER WORLD RECORD

Lady Jewell, a white leghorn hen in the state of Washington, has recently set a new world record in egg laying, 335 eggs in 365 days. The best previous record was 324 eggs by a California white leghorn hen. This is running pretty close to perfect efficiency.

### HAVE YOU GOT AN OLD DE LAVAL?

The De Laval Separator Co. is offering a prize of \$25 to the owner of the oldest "De Laval" in each state or territory. If you have an old one send word to E. O. Hall & Sons, Honolulu, stating date of purchase, serial number and size of the machine, and anything you can about its history and its service.

### POULTRY GRADES IN GEORGIA

A very important advance has recently been made in Georgia in the establishing of standard poultry grades by the state bureau of markets and agreed to by wholesalers and dealers in the state. It is a matter to which dealers and producers in Hawaii should give attention, as the industry is increasing considerably.

Here are the four grades established in Georgia on the part of the buyers and producers:

1. Friers— young chickens, 1 to 1 1-2 pounds live weight.
2. Stags—young chickens, both male and female, 2 1-2 pounds and over, live weight.
3. Hens—it was agreed that good fat hens weighing over 4 pounds should bring 2 cents per pound more than lens weighing under 4 pounds.
4. Roosters—all which are not included in grade 1 and 2 above.

No special classification is made for broilers because of limited demand. Likewise turkeys, geese and ducks are not classified. The higher price offered for four pound hens should encourage the growing of a better type of table fowl to take advantage of this premium.

The Honolulu market would be considerably improved if some standard of grading such as given above could be agreed upon by buyers and sellers. We will be very glad to receive and publish comments from producers and dealers in Hawaii. What do you think about it?

### USE MORE MILK

Milk is essential to health and growth.

Milk is a muscle building food.

Milk is a bone and teeth building food; it contains an abundance of calcium and phosphorus necessary to both bone and teeth.

It is a protective food promoting health because it contains three kinds of vitamins: One of which prevents a peculiar eye disease and may play a part in preventing rickets; another of which promotes the growth and prevents beriberi, a

form of paralysis; and the other of which prevents scurvy.

Milk contains proteins necessary in the blood and is, therefore, particularly valuable, especially in cases anemia.

Milk and its products are the foods which a family can least afford to do without. Increase in the cost of milk and its products therefore should not be viewed unfavorably unless it is proved that the increase is out of proportion to the increase of other commodities of the same and less nutritional worth.

That Christmas Portrait Needs a Suitable

## FRAME

It is really remarkable how much better even the best pictures look in correct frames. Let us show you the effect that an artistic frame can produce.

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The Childs Restaurant in the same building combines the various attractive features of high-class modern service, and reasonable prices.

It is advisable to make ADVANCE RESERVATIONS

J. F. CHILDS, Proprietor

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