



THOMAS JEFFERSON, GREAT AMERICAN.

THOMAS JEFFERSON, if he were alive to hear the Declaration of Independence which he wrote read on this Fourth of July, would be 165 years old.

As a matter of record, he has been dead eighty-two years. And he was born and died in Virginia.

Jefferson sat with Washington in the Virginia House of Burgesses, and years later headed Washington's Cabinet. He went to Congress in 1775. He succeeded Franklin as Minister to France in 1785. He was elected Governor of Virginia in 1779. He was chosen President of the United States in 1800 and re-elected in 1804, having previously been Vice-President under the first Adams.

For forty-four years, almost continuously, he was in the public service.

And always, to the end of his days, he was the typical American, the in-



THOMAS JEFFERSON, distinctive aristocrat and the soundly grained Democrat.

Things Jefferson Did. Jefferson wrote the Declaration of Independence.

He proposed the present system of dollars and cents.

He led the original Democratic (then the Republican) party.

He formulated the first national parliamentary rules.

He concluded the purchase of Louisiana.

He worked constantly for peace and union at home and wide markets abroad.

Jefferson as Boy and Man.

Jefferson was born to easy circumstances; inherited slaves and land and acquired more by marriage; got a college education; had a fine estate, Monticello; was poorest when he retired from public life.

At seventeen he was tall, rawboned, freckled, sandy-haired, with large feet and hands, excellent health, great strength and fine spirits.

He was a surprisingly good scholar.

In later life he became courtly, of food figure and almost handsome.



MONTICELLO, Jefferson's Home.

Passion never showed in his countenance, though the nobler emotions played there freely.

Jefferson's One Romance.

Jefferson married Mrs. Martha Wayles Skelton, an Auburn-haired young widow, in Virginia, in 1772.

No portrait of Mrs. Jefferson is extant. She was a very beautiful woman, and the attachment between herself and Jefferson was romantic and deep to an unusual degree.

Music played a great part in their courtship. Both of them sang, Jefferson was a fine violinist and the young widow played the harpsichord.

Mrs. Jefferson, always frail, died in 1782.

Martha, the eldest daughter (three other children dying), became Jefferson's comfort and, in his later years,



MRS. MARTHA RANDOLPH, Jefferson's Oldest Daughter.

AMERICAN FLAG HOUSE.

The Place Where Betsy Ross Made the First Star Spangled Banner Under Washington's Instructions.

It is believed by those who are working for its success that the American Flag House will soon become an assured fact. Contributions are constantly pouring in, and many earnest men and women are giving their time and money in order that the home of Betsy Ross shall remain as a patriotic landmark among the other Revolutionary scenes. J. Augustus Rice, of Bethlehem, Pa., has secured a large

number of members, and in addition gave "Betsy Ross certificates" as Christmas presents to his friends, and thus helped to swell the fund. The directors commend this, and say they see no reason why certificates could not be fittingly given as valentines.

The Betsy Ross house, where the American flag had its birth, is at No. 239 Arch street, Philadelphia. It is a strange little house, nestled down in a busy street, and is a quiet but strong link between the past and present. It was at the door of the shop seen in the picture that Washington presented himself one evening, with the request that Betsy Ross, the most famous upholsterer of the city,

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CLAY'S TRIBUTE TO JEFFERSON.

Neither his retirement from public office nor his eminent services nor his advanced age can exempt this patriot from the coarse assaults of party malevolence. Sir, in 1801 he snatched from the rude hand of usurpation the violated Constitution of his country, and that is his crime. He preserved that instrument in form and substance and spirit—a precious inheritance for generations to come—and for this he can never be forgiven. How vain and impotent is party rage directed against such a man! He is not more elevated by his lofty residence upon the summit of his favorite mountain than he is lifted by the serenity of his mind and the consciousness of a well-spent life above the malignant passions and bitter feelings of the day.—Henry Clay to the House of Representatives.

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A Home-Made Potato Planter. About six years ago A. H. Shoemaker, of Jersey Shore No. 2, made himself a home-made potato planter. He has used it ever since, and his neighbors occasionally borrow it. It is built on two runners upon which is a platform on which the dropper stands. A hopper that holds a couple of bushels is in front of him, and while a driver looks after the horses, he drops the pieces of potatoes into the end of a tin pipe that extends down to the rear of a shovel plowshare, set vertically. Just back of the pipe are two cultivator teeth set so as to throw the soil over the potatoes after they are dropped.—Philadelphia Record.

Kill the Weeds Early. Weeds never die so easily as when they are "just-a-bornin'", and for this reason there is no method that is more effective in destroying them than the judicious use of a harrow in the cornfield or potato patch the week following the time of planting. Often good results are secured if a cultivation is given just as the young plants are coming through the ground, but before there is a spread of leaf. As soon as another lot of weed seed has started to germinate these ridges may be harrowed lightly to advantage and in the case of potatoes harrowing may be given as late as two weeks after the plants have come through the ground.—Weekly Witness.

Your Horse's Feet. A horse should never be compelled to stand uphill. The anatomy of the horse's foot, and, indeed, the shape of the horse himself, makes this an uncomfortable and unrestful position. Whatever the arrangement for drainage is, the horse must stand as nearly level as possible. Moreover, he must stand upon a dry surface unless it is found that his feet need moisture. In such cases a wet clay floor is excellent, temporarily.

When you come in from driving, and after your horse has properly cooled off, see that the mud is removed, not only from his legs and the outer portions of his hoofs, but from the sole as well. An occasional stuffing with flaxseed is not only beneficial but necessary.—Indianapolis News.

Fruit or Sheep Pasture. As I see so much good advice in the Farmer I will ask for a little information. I have some rough, hilly and rocky land, too rough to cultivate even with a one-horse plow. I have cut most all the timber and all the undergrowth off, and burned it in all the ground that I could, and sowed it to timothy and blue grass. It will thrive very well for a year or two, then a moss will form on the ground that checks the growth of the grass. What treatment could be given to prevent this?—G. W. We do not believe you can succeed with timothy on such land. It would not pay to fertilize it; the pastures or meadows would all wash away. It is better suited to pasturing sheep or goats, or growing fruit. It evidently will not support good grass, and when that dies down the moss you speak of takes its place. Try an orchard.—Indiana Farmer.

Selecting the Dairy Cow. Performance rather than fancy breeding should be the yardstick by which the dairy cow is measured. In selecting a calf to keep for a milk cow it is wiser to select one whose dam and grand-dam were good milkers than to look merely at the pedigree of the calf as behind it. Pedigree does not amount to much unless it is backed up by performance. Of course, it usually is, but in some cases it is not, and it is these cases where it is not that should be avoided, says Drovers' Journal.

In selecting the calf for the future dairy animal see that it has a trim head, small neck and is wide across the hips, with plenty of room for an udder. It will be wanted for milk, so everything that shows a tendency toward that end should be closely looked for. The cow that has a tendency to lay on flesh is not as profitable a milk producer as the cow that at all times is angular and bony looking. It is a fact that the milk cows that hold large records for milk and butter fat production are of the bony, angular type.

Poultry Notes. One of the main essentials of every poultry house is that it must be kept dry. Damp houses cause diarrhoea, canker, sore eyes, rheumatism and other troubles that all animals as well as poultry are heir to. The best way to keep the house dry is to give it plenty of fresh air by opening the doors and windows during the day. Supply fresh litter often. Build the house on a high, dry spot.

Not more than forty hens should be kept in one run—thirty would do much better. The larger the flock the sooner they clear off the surface food. During the spring and summer where fowls have the free range of the farm there is plenty of room for a large flock, but when fowls are limited in their runs the flock must be smaller. Unless other conditions are supplied a large flock will eat up the profits.

If your hens have been subjected to a sudden draft and have contracted a slight cold in the head, the following is a good remedy: Glauber salts, two ounces; chloride of potash, one ounce; perchloride of iron, one-half ounce, and one teaspoonful of tincture of aconite to about three pints of water, allowing them no other water to drink for a day or two. A cold is easily detected. The fowls will have a slight watery discharge at the eyes and nostrils and will wheeze more or

less. Watch them while they are on the perch at night.

Mix some "brains" with the feed and you will get better results than if you mix your feed carelessly. Carefulness in feeding is essential in any kind of stock. The amount of food given the laying hens, or the hens that should lay, is an important matter. No fixed amount can be given, but it must be governed by the judgment of the operator.

The laying hens of the breeding pen need vegetable food. Throw in a little clover or alfalfa, and let them pick off the leaves as they desire.

Roup is a contagious disease and may be inherited. If you wish hens of strong and vigorous constitutions, never breed from fowls that have had the roup.

Corn in small quantity as the last food for the hens before they go to roost at night will help to furnish heat for the body on these cold spring nights.—Indianapolis News.

Killing Poultry. The first essential is that the fowl shall have absolutely no food for thirty-six hours so that its crop, gizzard and intestines shall be empty.

First-class dressing demands that the fowl be dry picked—not scalded. This makes the French method of killing very essential. By this method the fowl is suspended by a loop around its legs to a hook on the wall. With a quick thrust through the brain the operator kills the bird and severs the main arteries. At that instant he begins plucking the feathers. They pull easily then—a minute later they come hard, but in that one minute the worst of his task is done. The carcass is then cooled, formed in the forming troughs, so as to pack nicely and is then ready for shipment.

No incision is made in the skin of the fowl. None of the interior organs were removed. The moment the interior of a fowl is exposed to the air, decomposition sets in. Packed or handled as described the fowl will keep perfectly for days, or if in cold storage for weeks or months.

Cooks and some housekeepers object to this method of dressing fowls; but the more intelligent know that it is the only safe and sanitary way of doing the work.

The English method differs only in the killing. No knife is used, no bleeding is done. The vertebra next to the skull is severed by the operator; this causes instant death and a loosening of the feathers as in the French method. The head is drawn out from the neck an inch or two, and into this space the blood drains and forms a clot as the bird hangs by its feet. This method shuts out the air from the interior of the carcass even more effectually than does the French method.

A serious onslaught has been made on these methods of dressing poultry in several States recently, but it is hoped that they may not prevail but rather that these methods may grow in favor. They are safer for the consumer; they are simpler and better for the producer.—T. E. Orr, in Bulletin Pennsylvania Department of Agriculture.

Incubator Don'ts. Don't forget to study your incubator. Get the catalogue that describes your particular machine, and study every part and the construction in general.

Don't try to run the incubator in a place where there is a draft, or near a stove, or in the sun. In such places it will be impossible to maintain a uniform temperature. Set it where the temperature is uniform, and you will have much better success.

Don't forget to test the eggs before setting the incubator and three times during the incubation. Do not use any doubtful ones. Take no chances with any eggs that you are not sure contain a fertile and vital germ.

Don't allow the lamps to burn low. Keep them trimmed correctly and as nearly full of oil as possible. Do not let them smoke. It is a good plan to clean the burners every day to insure a uniform flame and absence of smoke.

Don't place any dirty eggs in the tray. Filth may cause the generation of deadly gases, which will work ruin to many of the fertile eggs.

Don't try to place too many eggs in the trays. Eggs need room in the incubator as well as the chickens need room after they have been placed in the brooder.

Don't forget to turn the egg every second day. The hen generally turns them every day, and the one who attempts artificial incubation should see to this important essential at least each alternate day.

Don't neglect to cool the eggs every morning. The hen leaves her nest at that time for food and drink, and it is natural that the eggs should be exposed for a few minutes to the pure atmosphere.

Don't handle the eggs with dirty hands. There may be enough germs upon the hands to destroy the vitality of the germs in the eggs you touch.

Don't disturb the eggs after the eighth day. Better results are obtained by allowing them to remain quiet after that date.—Journal of Agriculture.

Whist For High Stakes. "Well, where's that cook?" demanded his wife. "Don't tell me that she wasn't on the train." "She was on the train," timidly explained the commuter, "but I got to playing cards and a Loneyville man won her at whist."—Philadelphia Bulletin.



Stains From Enamel. To remove stains from enameled pans fill with water and a tablespoonful of powdered borax and let it boil. Then scour with soap rubbed on a coarse cloth, rinse thoroughly and dry. Damp salt rubbed on the stains will also remove them.—New Haven Register.

To Preserve Wall Paper. A piece of pretty Japanese matting was carefully tacked to the wall behind the couch so that its lower edge just reached the baseboard. At the upper edge of the matting a narrow gilt picture molding was tacked. When the couch and pillows were in place the effect was very pleasing.—The Delineator.

How to Sew. When sewing, if you want a fresh piece of cotton, thread your needle before cutting from the spool and begin working at the end just severed. You will then use the thread the right way, and it will not be continually getting into knots.

Never sew with a bent needle. It is out of the question to do good work with it, and never pin the work to the hem. Sit well back in your chair, keep your back straight, and hold the work up to you, instead of bending over it. These little hints are important, as they insure far less fatigue.—Indianapolis News.

For Needlewomen. There is the neatest little affair which will be invaluable to the needlewoman who is fond of embroidering dainty designs upon lingerie and house linen—it is the new stiletto which is made with a gauge, so that the size of the eyelet may be regulated. One of the greatest difficulties found in eyelet work (which in itself is the simplest kind of embroidery) is the art of making the eyelets of uniform size. This little instrument obviates the difficulty and will be gratefully received by the enthusiastic needlewoman.

Eyelet work is as popular as ever, but this season it is found in