Scientific and Aseful.

TOMATORS.

A gardener of Todeastor, England, is A gardener of Todeastor, England, is growing his tomatoes altogether from cuttings. He finds that he can thus propagate any special variety more surely than by seed, and that the plants struck from cuttings are much more firtile and productive than those or own from seed. In ten days tings are much more iterite and productive than those grown from seed. In ten days cuttings struck in sixty pots were so well grown in the glass that they were ready for setting out in the open ground.

It LUNCH OR A PRIBH FOR TEA.

Take one or two chickens, boil in a small Take one or two chickens, boil in a small quantity of water, when thoroughly done remove the skin. If ren take all the near from the bone, keeping the light and dark soparate, chop and salt to taste. If you have a ment-piesser take it or any other mould, put in a layer of light their a layer of dark me at till the supply 13 exhausted, add a little of the liquor it was boiled in. Press. When cold cut in slices. It makes a delicious sandwhich for a purney or pictoric.

HARD SOAP.

Take hard wood ashes and run off lye Take hard wood askes and run off lye; when it will cat a icather when boiling add any kind of grouse, and boil until thick; then to twenty gallons of soap stir in one gallon of salt; do not let it boil after the salt is put in. I make two kettles; then melt the two together, adding lye enough to melt it; when it boils add another quart of salt, let it stand over melt; then cut out salt; let it stand over night; then cut out in pieces to suit taste. This is another way for those who have no ashes: Three pounds of soda ash, two pounds unslacked lime; boil in three gallons rain water, let it settle, then pour off, add mne pounds of grease and boil three hours.

PRESERVING FRESH MEAT.

A correspondent of the Journal of the Society of Arts, suggests that Europeans learn of the Chinese a cheap and effectual process for the preservation of meat in the fresh state. He writes that some years since, when in Canton, he observed in several preserved-meat shops, pigs cut in half, like a side of bacon, geese, ducks, etc., the latter being quite flat, and the whole covered over with a light brown preparation, said to be lacquer, such as is used for ton, said to be lacquer, such as is used for tables, and it certainly smelled like it. The Chinese use these preserved meats extensively as provisions in their sea-going junks and on very gas, which sometimes last for a and on voyages which sometimes last for a year or more, and that in the tropics.

JOHNNY-CAKE WITH EFGS.

Two cups of sweet milk; half a teaspoonful of sugar: two eggs well beaten; a small teacup of white flour mixed with a teaspoonful of baking powder, and cornmeal enough to make a batter. Sometimes I begin with the meal and scald it, and then use only one cup of sweet milk and no baking powder with no definite proportion of white flour—enough to make the batter right. The batter should always be thicker when the meal to swalled than when it is not, because in the latter case you must allow for the meal to swell some. Of course, the milk should to swell some. Of course, the milk should be added to cool the scalded meal before the eggs are put in, or the hot mush would partially cook the eggs.—Cor. Inter-Ocean.

GRASSING A SLOPE.

A steep slope may be grassed over with-out solding by first smoothing the surface and then mixing a tough paste or mortar of and then mixing a tough paste or mortar or clay, loam, and horse manure with sufficient water. The grass seed, which should be a mixture of Kentucky blue grass and white clover, should be thickly but evenly scattered upon the moist surface of this plaster as it is spread upon the bank. The plaster should be at least one or two inches thick, and a thin layer should be laid over the seed. The surface should be kept moist, and a third dessing of some active fertilizer. and a light dressing of some active fertilizer and a light diessing of some active fertilizer would help the growth. In a a few weeks the growing grass should be cut, and should be kept short at all times until a thick sod is formed.—Keystone, in N. Y. m.

EFFECT OF SALTING BUTTER.

The well known fact that in the whole of Nothern Europe all butter, without excep-tion, is salted immediately on its production, while in the Southern countries none but the most inferior buttor is either sold or used salted, led to the investigation of the effect of the salt by Martini. This included analyses of salted and unsalted but-ter by Prof. Muller, and the conclusion was ter by Prof. Muller, and the containing reached that the use of salt is advantageous reached that the use of salt is advantageous. The to both the consumer and producer. The weight of the butter does not seem to be increased by the salt, since the weight of the liquid worked out about equals that of the salt added. The butter so troated is also found to be but little, if any, richer in fat, but to keep better and longer, not only on account of the antiseptic property of the salt, but because it is also partially freed from easyin and milk-sugar, the two ingredients which, in the presence of water, impart the tendency to decomposition. The salt also renders the working of the butter easier; apparently, by partially reducing the adhesion between the casein and milksugar and fatty particles, thus facilitating the removal of the former, just as salt ad-ded to pure milk will cause it to filter more rapidly, while casein and milk-sugar pass into the filtrate, some casein remaining with the fat on the filter. The preference for unsalted butter in some countries Martini attributes entirely to prejudice.

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