

**Scientific and Useful.**

**RAT POISON.**—Mix carbonate of barytes' two ounces; with grease, one pound and a half.

**CHAPPED HANDS.**—For chapped hands, drop a teaspoonful of honey in the basin of water used for washing.

**CURE FOR CROUP.**—Croup can be cured in one minute, and the remedy is simply alum and sugar. The way to accomplish the deed is to take a knife or grater, and shave off in particles about a teaspoonful of alum; then mix it with twice its quantity of sugar, to make it palatable, and administer it as quickly as possible. Almost instantaneous relief will be sure to follow.

**CHICKEN JELLY.**—Boil a pair of chickens until you can pull the meat from the bones; remove all the meat and put the bones to boil half an hour longer; stand this in a cool place and it will become jellied; the next day cut the meat into small pieces, melt the jelly and throw it in; then add two tablespoons of Worcestershire sauce, two of walnut sauce, one tablespoon of salt, a pinch of powdered mace, cloves and allspice: slice ten hard-boiled eggs and two lemons, line a large bowl or form with these slices, then pour in the mixture and let it stand in a cool place (but not to freeze.) The water should just cover the chicken when put to boil. This is a very ornamental dish and keeps for a long while.

**CHILDREN'S HAIR.**—The hair of children should never be plaited, braided, twisted, nor knotted. Nothing should ever be put on it except simply pure water, and even this not until the scalp is cleansed. The hair should be kept short, and should be always combed leisurely and for some considerable time, at least every morning, and neither brush nor comb ought to be allowed to pass against the direction of the hair growth. And if at times any falling off is observed, and it is desirable to arrest it sooner than more cleanliness and improved health would do it, one of the most accessible washes is boiling water poured on tea leaves, which have already been used and allowed to stand twelve hours, then put in a bottle. It should be of moderate strength.

**THE FERTILIZING VALUE OF LIME.**—When lime of any kind is used as a fertilizer, it is always scattered on the plowed ground and harrowed in, or upon the harrowed ground and left upon the surface. Lime thus used should always be in a fine condition, dry slacked to a very fine dry powder. It then sinks rapidly in the soil when exposed to the winter rains, and when the ground is next plowed, some of it that has not been dissolved will be turned up at the bottom of the furrow. It should be applied in the fall, and is generally used when wheat or rye is sown and the field seeded to clover. For old grass fields it is a valuable top dressing, but is most valuable when composted with swamp muck, yard scrapings, old sods, weeds, and such matters. On clay loam soil about fifty bushels per acre is generally used every time the ground is laid down to grass. Fresh burned lime, exposed in the field in small heaps of a few bushels, until it slakes down to a powder, is the most effective. The refuse lime from the kilns is worth only half as much as the best lime, because it is lumpy and cannot be brought into as fine a condition. Gas lime is not worth anything but the cost of hauling, as it must be exposed to the air for several months to get rid of noxious impurities which are hurtful to vegetation.

**USES OF THE LEMON.**—The London "Lancet," remarking on the value of lemon juice, of which many are wholly ignorant, offers several suggestions as to the number of uses to which it may be put: A piece of lemon bound upon a corn may cure it in a few days; it should be renewed night and morning. A free use of lemon juice and sugar will always relieve a cough. Most people feel poorly in the spring, but if they would eat a lemon before breakfast for a week, with or without sugar, as the like, they would often find it better than any medicine. Lemon juice used according to this recipe will sometimes cure consumption: Put a dozen lemons into cold water and slowly bring to a boil; boil slowly till the lemons are soft, but not too soft, then squeeze until all the juice is extracted, and sugar to your taste and drink. Another use of lemons is for a refreshing drink in summer, or in sickness at any time. Prepare as directed above, and add water and sugar. But in order to have this keep well, after boiling the lemons, squeeze them and strain carefully; then to every half-pint of juice add one pound of loaf or crushed sugar, boil and stir a few minutes more until the sugar is dissolved; skim and carefully bottle. You will get more juice from the lemons by boiling them, and the preparation keeps better.

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