IMPORTAN

TO OWNERS OF STOCK.

Giles' Liniment Iodide Ammonis

ragreat. The Powder are Guaranteed and Provenance Fabiling to obtain a Cure Bandy Redunded. Sold by F. JORDAN, druggist, Goderica Oat

Farmers' Attention

stry at the Ontario Agricultural

Common salt consists of sodium chlo ride (97 per cent to 98 per cent), water, ride (97 per cent to 98 per cent), water, calcium sulphate or gypsum (1½ per cent. 2½ per cent.), calcium chloride, magnesium chloride, with traces of sand, clay, iron and dist. The gypsum should not exceed 1½ per cent to 2 per cent; in excess it makes the salt difficultly soluble and produces a slime. The chlorides of magnesium and calcium are very soluble, give a bitter taste, and attract moisture from the air.

for the prejudice that has existed against Canadian salt, I have carefully analyzed five samples of Canadian salt and four of Liverpool. No. 10 is added, being a sample sent in by a cheesemaker. It was dirty, difficulty soluble, impure, and in everyway unfit for use. These are all samples of fine dairy or table salt procured for the Ontario Creamery by Prof. Robertson, who is testing them in butter

CHEMICAL ANALYSIS.	Total simpurity.	25.25.25.25.25.25.25.25.25.25.25.25.25.2
	Residue.	0.0000000000000000000000000000000000000
	Calcium sulphate.	288884448885
	Calcium and magnesium choloride.	0.13 0.24 0.24 0.25 0.25 0.31 0.31
	Water.	0.49 0.58 0.058 0.059 0.060 0.060
	Sodium chloride.	97.06 97.11 94.26 97.18 97.12 97.20 96.61 96.64 96.47
	Order as to purity,	2nd. 4th. 5th. 5th. 1st. 1ch.
	Brand.	Canadian Canadian Canadian Canadian Liverpool Liverpool Liverpool Liverpool Liverpool Liverpool Ukropool
	No.	188400 C 800

The "residue" in the above table is the insoluble or difficultly soluble portion. The average impurity of the five Canadian salts is 2.200 per cent; the average impurity of the four Liverpool salts is 2.-203 per cent. There is as much difference between the various English brands as between the English and Canadian, and the average of the latter is a little ahead of the average of the former.

By means of fine sieves each sample was divided into four classes; these were weighed, and an estimate made of the uniformity and fineness of the different brands. Taking 100as the maximum of uniformity and fineness, the salts were arranged in the following order:

No. 6, 88; No. 4, 87; No. 7, 86; No.

1, 84; No. 9, 83; No. 2, 72; No. 8,

69; No. 3, 66; No. 5, 54. or (1) Liver
about "hog cholera." pool, (2) Canadian, (3) Liverpool, (4)
Canadian, (5) Liverpool, (6) Canadian,
(7) Liverpool, (8) Canadian, (9) Canadian,
dian. In this respect the Liverpool salts are a little ahead, being on the sales way to ensure Home Rule over a condition.

Liverno a little more readily soluble than the Canadian. The purer a salt the more thoroughly it dissolves, but not necesthoroughly it dissolves, but not necestarily the more quickly. The rapidity mendation, for the alleviation it affords of solution depends upon the shape of the grain as well as upon its size; the more soluble salts are flat, thin, disc-shaped; Cure. Its action in these distressing complaints is simply wonderful. Sold the move insoluble are compact and wilson. quite pure and small in grain, but very difficultly soluble; it is gritty in feel; No. 6, the purest and finest, stands fourth. In choosing a salt, then, attention should be paid to the shape of the grain; for a quick pickle the flat grain is preferable, and for dry curing and slow pickle the compact grain. The best Canadian salts are slow in solution, the best Liverpool a little more rapid. Too often Canadian salts have been condemned because a slowly dissolving sals has been used where a rapidly dissolving salt was required; for instance, in the salting of butter for immediate use.

Dealers and users of salt seem to pay too little attention to this important

question of solubility

In the salting of food for immediate
use, butter and pork for example,
also in the case of vegetable pickling,
the rapidly dissolving salts are best. In
the dry curing of meat, the making of a lasting pickle, the salting of dairy products to be stored for sometime, a more slowly dissolving salt is preferred. For table use a fine salt of uniform grain, clean and white, dry and quickly dis-solving is required. Such a salt as the latter is required also for butter making. and there seems to be lacking just such a salt among the Canadian brands. The best Canadian salts are either too hard-in grain or too large for this immediate use. If such a brand were available Canadian salt would have no fear of competition with Liverpool salt.

The strength of the brine is often measured by a hydrometer, or salometer, and the purity of a sample of salt thereby determined. But this is not an absolute determined. But this is not an absolute test of the true value of a salt; the soluble impurities may be heavier than the pure salt, and thus an impure salt may produce a heavier brine than a purer salt. For ordinary purposes however the hydrometer can be used in determining the proper strength of a brine.

A first-class salt should be pure white in color. The Liverpool salts have a faint bluish tinge; two of the Canadian salts, from the same locality, have a faint reddish cast. These colors are perhaps due to the shells of animals deposited in or beside the salt brines. Enough of the red coloring matter was obtained to determine it to be due to the

obtained to determine it to be due to the presence of iron. A very decided red or blue cast should condemn a salt for use. One packer gave as his experience that a dark salt colored the outside of the meat

dark also.

A first-class salt should be: 1st, clean; 2nd, white; 3rd, comparatively dry; 4th, uniform in grain; 5th, quite thoroughly soluble in water; 6th, scalelike in grain for quick, and compact for

Always Required — A good catharic medicine. National Pills will not disap-1m

Castion to married women: Man is like a lump of ice—the warner yeu make it for him; the faster he runs away. Freeman's Worm Powders are safe, sure and speedy to remove worms from children or adults.

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Dr. Low's Pleasant Worm Syrup is a safe and reliable worm remedy for all worms affinting children or adults. 1m

"How to Send a Boy to Sea" is the name of a new book. One good way is to work him on the farm from daylight to dark 365 days in the year, and then threath him with a trunk strap when he asks for a half-holiday in leap year. The most deadly for to all malarial

diseases is Ayer's Ague Cure, a combina-nation of vegetable ingredients, of which the most valuable is used in no other preparation. This remedy is an obsolute specific, and succeeds when other camedies fail. Warranted.

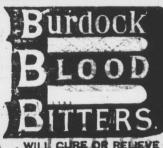
Smith—I saw you carrying home a couple of nice looking watermelous last night. How much did they cost you? Brown—I don't know yet. The doctor is

The curative power of Ayer's Saraparilla is too well known to require the specious aid of any enaggerated or fieticous certificate. Witnesses of its marvelous cures are today kiving in every city and hamlet of the land. Write Dr. J. C. Ayer & Co., Lowell, Mass., for hamse.

ed and soured than most people suppose.
It is excelled food for ammer. Save the comment for winter, when heat is required. In het weather the bran or meal should not ferment more than twelve hours or it will become too scid

cold is to have on hand a bottle of Dr. Harvey's Red Pine Gum. For sale a

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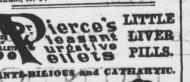
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tudy for the philologic of the English languag

"You will observe. Whitney and Hackett and that Grasshopper itcher's box. A bat batterer and a battered ing between."
"Why do they put box?' inquired the yo

"I don't know, I an Pitchers come high." "I know, said the ectual curvature of t keep the opposing play box Capt. Howe hoppe both feet.

"Very likely,' I rep tinue : Horning got a Sutton pasted a corker threw to second, doub fair girl in white lawn. always atrapped the ba ubled up ?" inquired with the bang. "Didn

ay that Donnelly let m, and yet he went as if nothing had he "Dear me, it's all so d went out on first. "What's a la-la!" we made that home City grounds, I he

rved that it was s ties cannot agree, able to decide," Kansas City now 'How brutal !" ex Vhy didn't he hide 'That deean't seem ice," said the inte ou see how the out of his box New York. Why, th just went for him and

"Yes," said the gi "my brother told me tried to pitch, and r mad, and every one o they actually laid him fifth innings." "True," said the 'George was telling

that the Kansas City ing, as he called it, were going to knock "It must be a terr

pitcher," said the fa white. "Papa told n to any more ball m was tired of seeing mered." "If you will give I adies," I said a li will proceed with th

ret inning. The b uscle, and wielde ne effect. After to ored Lillie was call nd kicked vigorously "What is the ump atimental girl. "Oh, I know that e in white ; "he is loes all the taking a all "rats." "I think its very

aid an amiable gir rst time, "I have no dou at's right." "The innings clo Kansas City," at the Bostons had "Oh, wasn't that

re."-[Times. Ladies troubled wi ough Hands or Fa arke's Carbolic C he akin in perfect land good color. I enuine, made by Price 25c, Sold at

Germany has be e rier pigeons in poses. Gen. Boula inquiry.

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