

PLENTY OF NITRATES IN CHILI.

New York, Sept. 26, 1912.

Editor of The Journal of Commerce and Commercial Bulletin.

Sir:—So many sensational statements have been made during the last fortnight, and whilst the Eighth International Congress of Applied Chemistry was in session which would lead one to suppose that the exhaustion of the supplies of Chilian nitrate is imminent, that I am asking you to help dissipate the prevailing opinion that very little nitrate of soda is now left in Chili for fertilizer or other purposes.

First of all, there is a vast amount of unsurveyed nitrate ground on the Chilian pampas that is, nevertheless, known to contain immense quantities of nitrate of soda.

Second, grounds already surveyed still contain enormous quantities of nitrate. There are probably in round numbers, one billion tons of nitrate in the deposits of Chili, and, without doubt, large supplies also exist on lands now but incompletely prospected. The surveyed and certified tonnage opened up at the present time ready for extracting is fully 250,000,000 tons.

The probable life of the surveyed deposits is at least 400 years, even allowing for a steadily increasing annual rate of consumption.

Moreover, there remains the interesting question as to whether by the end of the ensuing century we may not find that nature shall have then manufactured an immense additional amount of Chilian nitrate for the uses of the world.

Sir William Crookes' prophecy that the world would starve for lack of bread as soon as the Chilian nitrate supplies were exhausted has for some years led the chemical public to believe that a wheat famine was in sight, but that time is so far distant that no one living to-day need have misgivings on the subject.

Very truly yours,

WILLIAM S. MYERS,

Official Delegate for the Chilian Government for the Eighth International Congress of Applied Chemistry.

THE CALL OF CHANTICLEER.

Barney Weller was about the funniest fellow you ever saw. He was always making people laugh by playing jokes on somebody and he put up a game on a victim every day in the week. He was in Chicago at a big hotel on one occasion when the butt of one of his jokes sought revenge by securing a live rooster and tying it under Barney's bed at night.

At 3 o'clock in the morning the rooster turned up for his first vocal selection and let out a long, shrill crow. The second performance of this kind was too much for the humorist. He dressed himself hastily and rushed down to the night clerk.

"Give me my bill!" he said fiercely, "I'm going to get out of this place."

"But please tell me what the trouble is," suggested the night clerk.

"That don't matter," said Weller angrily. "I'm going to get out of here and get out quick."

"Well," exploded Weller, "there's a crazy fool next door to me who thinks this place is a hen-house. He's spent the last two hours trying to imitate a rooster."—Popular Magazine.

ADENOIDS AND LARGE TONSILS.

When your child is two years old and the teeth have all come in, look at its nose.

Does its nose run? Is it sore? Does the child snuffle much? Does it have fever sores or eczema around its nose and mouth? Are the eyes red? Is it dull? Does it stand and look at you with its mouth open? Does it put its hand to its head as if

it had earache? Does your child sleep with its mouth open? Does it snore?

If your child does any of these things it is a mouth-breather. Take it to your doctor and ask him if it has adenoids or large tonsils. Mouth-breathing in children is nearly always caused by adenoids. Adenoids should always be removed.

A PEACEMAKER.

A little girl said to her mother one evening: "I was a peacemaker to-day."

"How was that?" asked her mother.

"I knew something that I didn't tell," was the reply. There are many boys and girls who could be peace-makers every day, if, like this little girl, they wouldn't tell some of the things they know about others. Repeating a bit of evil gossip about somebody else has led to many a quarrel, and sad misunderstandings have often arisen from some careless remark which has been told by one to another.

Jesus said, "Blessed are the peacemakers"; and surely it is worth while trying to be one of those upon whom our Saviour pronounced His blessing.

Next time we hear anything unkind about another, let us be careful not to repeat it, and in this way we may show ourselves peacemakers.—Apples of Gold.

How mankind defers from day to day the best it can do, and the most beautiful things it can enjoy, without thinking that every day may be the last one!—Max Muller.

Igotem! Uneedem!

Three Jersey bulls, 18 months old, ready for service. Out of full blooded Jersey cows, sired by registered bull. \$30 each. To prevent inbreeding will sell registered bull, four years old next spring, for \$50. A Scotch Collie that I no longer need, three years old, a good mother, \$5.

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