POTASH PRODUCTION

(Continued from page 2) estimated the potash in the Lucite Hills at 197,000,000 tons. Butler's figures indicate that in 1914 more than 100,000,000 tons or mill tailings had accumulated in the dumps at copper and gold mines and that many hunared mullons of tons of magnitude of the supply of this class of raw materials.

Miscelianeous Brmes,-Production of potash has been reported from Owens Lake, sea-water bitterns, Great Sait Lake water and the Saiduro Sait Marsh, Utah, No estimate of the amount of potash in these brines has been made but the deposits in Saiduro Marsh cover large area to a depth of several feet and may develop into one or the important potash resources of the

country. Acbraska Lakes .- The Nebraska lakes located in the sandhills region in Sheridan and Garden counties have developed into one of the most important sources of potash in the country. Potah brines are obtained bota from the surface ponds and er salts. lakes and from the sub-surface sands. They vary markedly in consalts in most of the brines throughout the sand-hill region are remarkedly similar in composition. They of sodium and potassium, a comparatively small amount or chlorides being present. The brine from Jesse solids, of which about 28 per cent is potash. It is one of the best producing brines in the region. The lowest grade of the brine worked is said to contain about 2 per cent of solids of which about 20 per cent is potash. Between these two extremes all grades of brines are represented.

Sufficient data are not at hand to justify an estimate of the quantity of potasn available in the sand-nins region. The problem is dimeuit because the greater part of the potash brine comes from the sub-surface sands and has intle relation, as regards quantity, to the lake waters at the surface. Early in 1918 Condra thought it factories arready built or capacity, the available supply of high-testing potasa orines in this region would be greatly reduced in four years. This estimate now seems

Scarles Lake, Cat.-Scarles lake contains the most important segiegation of somore potassium sairs known in the United States. The estimate of 20,000,000 tons of potash (A2O) in the brine how seems conservative. Furthermore, the soiid saits contain potasa, much of which will probably be dissolved as dirate undergound waters come into the deposit to replace the brine pumped for working. It is certain that the take contains enough potash to suppry the United States for many years. It is believed that vainable brines may be pumped from an area of more than 13,000 acres. About 1,000 acres of this are at the north end of the take is patented land is a part of the 2,240 acres owned byttle racine toust Borax Company. A livile more than. 2,500 acres are owned or claimed by the American from Corporation. The other portion of the lake amounting to about 9,000 acres has been leased to several different companies under the act of October 2, 1917 (40 Stat. 297).

The American Trong Corporation has already spent about \$4,000,000 in connection with the property. It has built a ratiroad spur 31 miles long from the southern Pacific Railroad to the property and has erected a potash plant at a cost of more than a milion dollars at the lake and a refining plant at San Pedro, Califor-

The Solvay Process Company has erected a potasa plant and a refinery at the lake at a cost of about \$700,000 and is working brine obtained from the patented land owned by the Pacific Coast Borax Com-

BEGIN HOT WATER DRINKING IF YOU DON'T FEEL RIGHT

Says glass of hot water with phosphate before breakfast washes out poisons.

If you wake up with a bad taste, bad breath and tongue is coated; if your head is dull or aching; if what you eat sours and forms gas and acid in stomach, or you are billous, constipated nervous, sallow and can't get feeling just right, begin inside bathing. Drink before breakfast, a glass of real hot water with a teaspoonful of limestone phosphate in it. This will flush the poisons and toxins f.om stomsch, liver, kidneys and bowe, and cleanse, ewseten and purify the entire alimentary tract. Do your inside bathing immediately upon arising in the morning to wash out of the system all the previous day's poisonous waste, gases and sour bile before putting more food into the stomach.

e To feel like young folks feel; like you felt before your blood, nerves and muscles became loaded with body impurities, get from your pharmacist a quarter pound of limestone phosphate which is inexpensive and almost tasteless, except for a sourish twinge which

is not unpleasant. Just as soap and hot water act on the skin, cleansing, sweetening and freshening, so hot water and limestone phosphate act on the stomach, liver, kidneys and bowels. Men and women who are usually constipated, billous, headachy or have any stomach dis-order should begin this inside bathing before breakfast. They are assured they will become real cranks on the subject shortly.

The Crude product obtained Searles Lake contains about 60 65 per cent potassium chloride and about 15 per cent borax. A few carloads of refined salts have been shipped, but so far practically the whole output has been marketed without refining. Sodium chloride, odium sulphate, sodium carbonate,

serves development. Potash Required by the United Pills are for kidneys only. They attack.—In 1913, the year before tack kidney diseases by striking at the war, the United States imported the cause. Here's woman's words: a little more than a million tons of Mrs. F. W. Buchman, 311 Yellowsium chloride (murlate), 24 per morning feeling all worn not. as various salts, including plirate, which I bought at Brennan's Drug carbonate, caustic, cynide, and oth-

An average of 269,656 short tons of potash (K20) was imported ancentration and in their content of nually doring the years of 1910 to Doan's Kidney Pills-the same that potash but in general the dissolved 1913, inclusive, and 207,089 tons Mrs. Buchman, imported in 1914, making an annual Mrs. Buchman had. Foster-Milburn average importation for the five Co., Mfgrs., Buffalo, N. Y. years immediately preceding the consist essentially of the inixture of war, including 1914, of 257,14% sulphates, carbonates, and chlorides tons. During 1915 approximately 48,867 tons were imported.

On the assumption that a surplus of at least \$6,000 tons had accumu-Lake contains about 12 per cent of lated at the end of 1914-and this David said in his haste. assumption is believed to be war-ranted-more than 143,000 tons were available for consumption during 1915. After making the deductions for the oversupply that had permitted the accumulation of a reserve of potsah just before the war. the former norman consumption is estimated at 240,000 tons of potash K2O a year. Approximately 5 per cent of this quantity (12,000 tons) was used in manufactures, and the remaining 228,000 tons was used in in agriculture. The United States produced very little potash before the outbreak of the European war. Practically the entire supply came from the German potash mines in in contemplation should run at full the vicinity of Strassfurt. The importation in recent years are shown in the accompanying tables.

(Continued on page 7)

PLUMBER PHONE

1-6-1

a package

a package

a package

THE FLAVOR LASTS

SO DOES THE PRICE!

WHEN HER BACK ACHES

A Woman Finds All Her Energy and

Alliance women know how the aches and pains that often come when the kidneys fail make life a and borax are all present in the burden. Backache, hip pains, headbrine and are marketable salts, so aches, dizzy spells, distressnig urinunmined ore had been developed, that a process whereby these saks ary troubles, are frequent indications These data are sufficient to show the are produced as by-products de- of weak kidneys and should be checked in time. Doan's Kidney

crude and refined salts of various stone St., says: "I was pretty well grades, representing 270,729 short run down with kidney trouble and tons of potash (K2O), valued at had a dull, heavy ache in my back \$18,073,865, or an average value as My back was weak and lame and l rated in important returns of about couldn't stoop over without sharp \$67 a ton of potash (K2O). Of this pains shooting through it. At night quantity44 per cent came as potas- I was restless and got up in the cent as kainite containing 12.4 per often became dizzy and had to sit coat of K2O, 18.5 per cent as ma-down. Colored specks came before nure salts, containing about 20 per my eyes and for days I had a steady cent of K20,8 per cent as potassium sche through the back of my head. ulphate, and the other 5.5 per cent A few boxes of Doan's Kidney Pills

> ting me in good health. Price 60c, at all dealers, Dont' simply ask for a kidney remedy—get

Store, completely relieved me, put

If He's Not Too Big.

If a williamire tells you that he was far happier when he extrad a dollar a day, remind him of what

GRANDMA USED SAGE TEA TO DARKEN HAIR

She mixed Sulphur with it to Restore Color, Gloss, Youthfulness.

Common garden sage brewed into a Common garden sage brewed into a heavy tea with sulphur added, will turn gray, streaked and faded hair beautifully dark and luxuriant. Just a few applications will prove a revelation if your hair is fading, streaked or gray. Mixing the Sage Tea and Sulphur recipe at home, though, is troublesome. An easier way is to get a 50-cent bottle of Wyeth's Sage and Sulphur Compound at any drug store. and Sulphur Compound at any drug store all ready for use. This is the old time recipe improved by the addition of other

While wispy, gray, faded hair is not sinful, we all desire to retain our youthful appearance and attractiveness. By darkening your hair with Wyeth's Sage and Sulphur Compound, no one can tell, because it does it so naturally, so evenly. You just dampen a sponge or soft brush with it and draw this through your hair, taking one small strand at a time; by morning all gray hairs have disappeared, and, after another application or two, your hair becomes beautifully dark, glossy, soft and luxuriant.

This preparation is a delightful totlet requisite and is not intended for the cure, mitigation or prevention of disease.

before the war

during the war

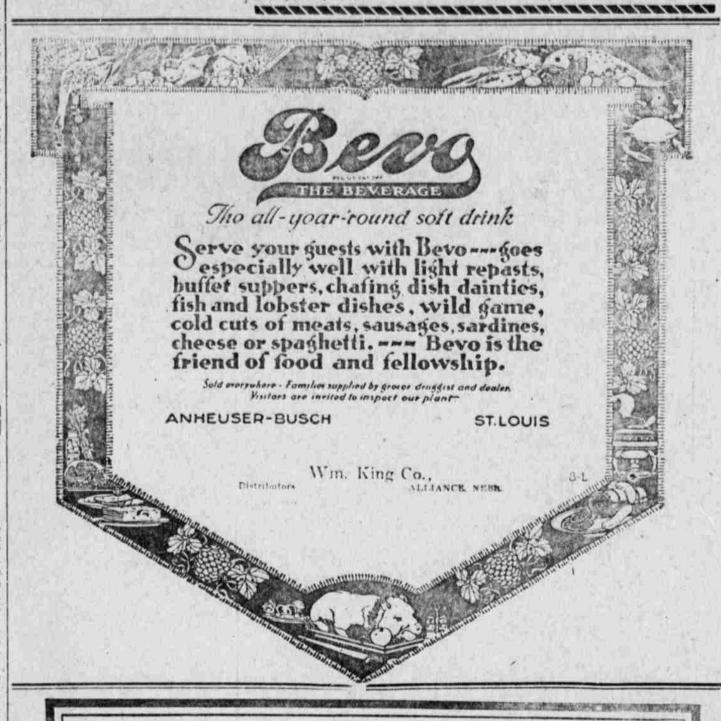
Timber in Burma. Burma grows over a hundred varieties of every sort of timber. Yet up to last year she exported her rubber Ambition Slipping Away. in packing cases made of wood imported from Japan. It has now been found that they can be made locally at about half the cest.

> Reviving Picture Frames. Often the gilding on picture frames that are otherwise good has become cracked or solled. Buy a bottle of liquid gold and apply it to the frame. If large bits have chipped off, remove all before retouching, otherwise the renewed surface will be uneven.

NAMES OF STREET OF STREET, STR THE MOST

DANGEROUS DISEASE

Ne organs of the human body are so important to health and long life as the kidneys. When they slow up and commence to lag in their duties, took out! Find out what the trouble is—without daiay. Whenever you feel nervous, weak, dirry, suffer from sleeplessness, or have pains in the back—trake up of once. Your kidneys need help. These are signs to warn you that your kidneys are not performing their functions properly. They are only half doing their work and are allowing impurities to accumulate and be converted into uric acid and other poisons, which are causing you distress and will either give prompt relief or your money will be refunded. Ask for them at any drug store, but be sure to get the original imported GOLD MEDAL brand. Accept no substitutes. In sealed packages. Three sizes.



Put Up Every Pound of Fruit You Can Get This Summer

Delicious Jams, Jellies and Preserves made by this recipe:

Many a woman hesitates to try putting up fruit at home.

She fears she will only waste expensive

It really is very simple. Just make your preserving syrup with 1/2 Karo (Red Label) and 1/2 sugar instead of sugar alone.

You can then be as sure of your results as the woman who always has "luck" with her preserving.

Nice fine, clear Karo Syrup has a natural affinity for the fruit juices. It blends the sugar with the juice-brings out the rich 'fruity" flavor, and insures firm jams and jellies that never "candy" in the glass.

A well-filled fruit pantry will give you much pleasure this winter, when fresh fruits are scarce and high, if you just use Karo Syrup with your sugar.

For Cooking, Baking and Candy Making Karo (Red Label) is used in millions of homes. In all cooking and baking recipes use Karo instead of sugar. It is sweet, of delicate flavor, and brings out the natural flavor of the food.

FREE Preserving is easy when you have the sixty-eight page Corn Products Cook Book handy. Wonderful recipes—easy to follow. Beautiful illustrations. Write us today for it. It is free.

CORN PRODUCTS REFINING COMPANY

Use 1/2 Karo

Makes perfect jams, jellies and preserves.

