



PHOSPHATE BAKING POWDERS HAVE WORLD-WIDE ACCEPTANCE

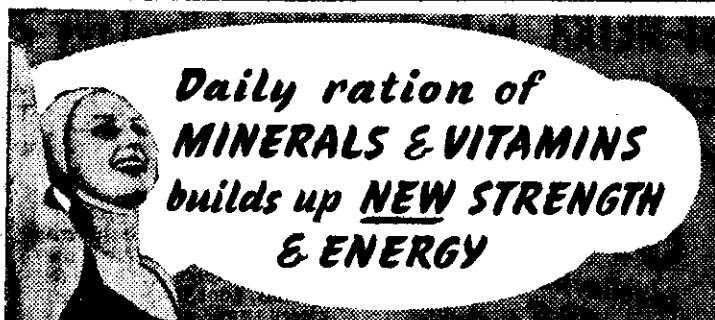
For years now, bakers and housewives in all these countries have used Phosphate Baking Powders in preference to any other. And when Phosphate Baking Powders were introduced to New Zealand, 26 cooking institutions and demonstrators gave their unanimous and immediate acceptance. Their reasons?

Because cakes, scones, pikelets and pie-crusts made with Phosphate Baking Powders have better aeration. That means they rise beautifully, are light, with a perfectly even texture, and they keep fresh longer. Moreover they have added nutritional value.

Always look on the label of your baking-powder tin and see that it contains phosphate as its aerator or rising agent.

**A & W PURE FOOD Phosphate IS USED IN ALL
LEADING Baking Powders**

Albright & Wilson's Food Phosphates are distributed in New Zealand by Imperial Chemical Industries (N.Z.) Ltd., 16 The Terrace, Wellington, and Maritime Buildings, Quay Street, Auckland.



**Daily ration of
MINERALS & VITAMINS
builds up NEW STRENGTH
& ENERGY**

When Tired, Depressed, Rndown your nerve and body cells need re-nourishing with a daily ration of Minerals and Vitamins. You need Calcium such as you get from Milk. Phosphorus you get from Cheese. Iron which you get from Eggs.

Vikelp gives you 9 precious Minerals as well as Food Iodine and Vitamin B₁. And as these life-giving elements get into your body, you begin to

build up. Nerves steady. Tiredness turns into energy. Weakness into strength. You have found the way to new health and priceless vitality.

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Fassett & Johnson, Limited, Manners Street, Wellington. P.O. Box 33.

VIKELP MINERAL VITAMIN TABLETS

"OPERATION CROSSROADS"

(continued from previous page)

or Kwajalein. This bomb, which is reported to be more powerful than any yet exploded, will detonate in the air above the assembled fleet. If all proceeds according to plan, a fifth bomb will later be exploded at water-level, or slightly below the surface; and next year the trial of an atomic depth-charge is provided for. When the first of these three bombs is dropped, however, a vast bubble of steam will mushroom upwards and the pale pink of burning hydrogen will flare briefly around it. And in the same instant one or more of the target ships may disintegrate into dust, along with its cargo of goats, pigs, rats, jeeps, tanks and equipment.

The crew of the bomber dropping the charge will wear welders' goggles, and they won't wait around to watch the results. They will be followed by eight robot-controlled Flying Fortresses ("flying drones") carrying cameras and other sensitive recording instruments. These planes will fly through the atomic cloud at varying altitudes, and unless radio-activity disrupts their radio-control systems they will yield valuable information on their return. Photographic recording at ground-level is also being arranged on a grand scale. Batteries of radio-operated cameras will be mounted on 100ft. steel towers on the other islands of the atoll group at ranges of five to ten miles from the target-area. All cameras will be housed in lead-walled rooms, as protection against radioactive matter, and the photographs will be taken through portholes which close automatically after the exposures have been made. More than 400 sound recordings will also be made, and measurements taken of the frequency of gamma-rays, X-rays, and ultra-violet rays generated by the explosion.

Lloyds is Ready

But though Bikini is global in its implications, there has so far been no suggestion that observations will be carried out other than at the point of the explosion. Physicists working in New Zealand have not been asked to make any observations at the time of the explosion, though routine seismographic recordings may show the effects of the disturbance. Officers of the NBS who maintain the 24-hour listening watch at Makara, however, will be on the lookout for any variations in radio reception, and the engineering section, though not anticipating any effects, will note and log these if they occur.

As might be expected, Lloyds is ready to serve either the pessimistic or the long-headed by way of insurance cover against damage resulting to life or property from the experiment. A representative of *The Listener* made enquiries at their Wellington office and found the manager ready to talk business, though no rate had yet been fixed by the London office. No business was offering either, for that matter, though there appeared to be a number of double-dyed

Bikiniiana

*G*REAT Scott! What terrifying Thoughts

The Bomb Engenders;
Instead of Playing at Our Sports
Down on Our Benders,
Imploing Brass-hat Scientists to
Wait,
To Call a Halt, Before it is Too
Late.

WHERE is, inquires the Man
who Reads,
Justification
For Heat transcending Beads
Of Perspiration?
Why try to hitch our Wagon to a
Star,
To End, perhaps, just Common
Lumps of Char?

BUT stay! Our Week of Forty
Hours
Has proved a Blessing.
Need Scientific Tests be
So Distressing?
If They Again curtail the Work-
ing Day
Need we approach Bikini with
Dismay?

STILL, Man forgets that He
Can Live and Eat
Only because the Earth
Has lost her Heat;
That only Through her Slow and
Age-old Cooling
Is He allowed to carry on his
Fooling.

AND when the Tumult of
the Sea subsides
And to normality
return the Tides,
Shall Anybody be One Whit the
Better,
Or Merely nothing but a Cosmic
Debtor,
Obliged to End the Evening of
His Days
Taxed to the Hilt for Super Cos-
mic Rays?

—E.R.B.

pessimists on the firm's books here. Several, who took out insurance against war damage when the Japanese scare was at its height, still persist in paying their premiums.

Anyone who wanted to get as far from Bikini as possible would find it difficult to get out from under the penumbra of power-politics, since the antipodes of Bikini lie somewhere between St. Helena and Ascension Islands, in the South Atlantic, with latitude and longitude slightly in favour of Ascension. Ascension, according to the *Encyclopedia Britannica*, is already the home of the "wideawake" birds.

But even Bikini's antipodes may not altogether be unaffected by atmospheric disturbances. When Krakatoa blew up in 1883, the explosion caused an air-wave, or atmospheric oscillation, which passed and re-passed seven times across the surface of the earth between the Sunda Strait and its antipodes in Venezuela. This phenomenon was recorded barographically in New Zealand, both at Dunedin and Wellington. With the possibility of rapidly-alternating periods of high and low pressure, Ascension may have rather mixed weather this month.