"An experiment at Mamaku State Farm confirmed the superiority of chlorate compared with dichromate, thiocyanate, and bisulphite weedkillers. Another Mamaku experiment is designed to determine the effect of treatments on individual plants at various times throughout the year and the toxic dose per plant. Progress reports indicate that the amount will be about 3 grams or 4 grams. Plants in Ruakura pasture have been completely killed by 5-gram doses.

"Experiments in the Ruakura nursery indicate that injections of chlorate into the soil or applications

on the soil surrounding the plants are not as effective as those applied to the foliage in the usual way, that dilution of the spray has little effect and that the seed from flowering plants sprayed with  $2\frac{1}{2}$  per cent. and 5 per cent. sodium chlorate has a germination of 10 per cent. to 20 per cent., compared with 50 per cent. to 80 per cent. in unsprayed seedheads."

Wellin	igton Labor	ratory—				•					
P	astures for	trace ele	$_{ m ments}$		448	Thyroids				8	
A	Animal organs for trace elements			137	$\operatorname{Dips}$				5		
Pastures for mineral analysis, &c. Toxicological specimens				281	Limonites		• •		$^2$		
				248	$\mathbf{Miscellane}$	ous			109		
N	lilks and	urines	(arse	$\mathbf{nic}$		,					2,609
	investiga	ation)			121	Ruakura Labore	utory—				
$\mathbf{S}$	tock-foods				32	Pastures—	Ü				
P	ig-fats				56	Fields	Division	plots		404	
В	utters				141	Facial	eczema-	-general		301	
F	Fertilizers			53	Facial eczema—rate of growth 102						
$\mathbf{S}$	$_{ m oils}$				491	Soils—		_			
					150	Facial	eczema-	-moisture		202	
F	ield crops				49	Facial	eczema-	-nitrate		162	
	ugar-beets				111	Ragwo	$\operatorname{rt}$			14	
V	Vaters				84	Viscera		• •		22	
$\mathbf{S}$	$\mathbf{tock}$ -remed:	ies			10	$\operatorname{Curds}$				15	
$\mathbf{s}$	eaweeds				13						1,222
Canterbury sheep survey pasture											
	extracts		• •		60	Total					3,831