

Second calf, born October, 1924—a roan bull, strong and healthy. At 31st October was feeding on new milk, and at 30th November on half new and half separator milk.

*Dam "Polly."*

A red heifer calf with white hind legs, born 20th October, 1923. At 30th May, 1924, was still grazing on No. 1 paddock; condition good; getting 2 lb. crushed oats once daily in chaff. 5th June, turned on to swede-tops, and getting crushed oats as well. 30th June, still on turnips, and getting hay; had lost condition through the month. 12th July, put on to No. 5 paddock; going back slowly in condition, although on good feed. Commenced giving sugar-iron brick and the run of haystack, also carted turnips. 31st July, taking sugar brick well; condition unchanged. 31st August, treatment continued, condition the same. 30th September, slight improvement noticeable; treatment continued.



FIG. 3. TREATED CALVES OF 1923 AT MAMAKU.

Three in front—left to right: Maud's, Daisy's, Mona's. Three at back—left to right: Beauty's, Polly's, Jean's. Note poor growth and condition of Polly's calf, apparently due to excess of sugar-iron brick.

20th October, taken off lick; quantity taken, about  $1\frac{1}{2}$  bricks a week. None of the three calves on this brick treatment had done as well as those on molasses or those getting iron ammonium citrate in water twice daily, with a little molasses to make it palatable. 1st November, condition about the same; then running on No. 7 paddock. 1st December, calf growing as well as it should; condition fair; grazing on top-dressed paddock. In January, 1925, calf was, if anything, losing condition, though running on the best of feed. (See note to dam "Daisy.")

*Dam "Maud."*

Heifer calf, born 28th October, 1923—strong and healthy. At 30th May, 1924, was still grazing on No. 1 paddock; condition good; getting 2 lb. oats in local chaff once daily. 5th June, turned on to swede-tops, still getting oats. 30th June, getting hay; in swede-paddock; lost condition through the month. 12th July, now losing condition all the time; put on to sugar-iron brick in No. 5