

FACT SHEET

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Stocking table for Lake Rotorua draft permitted rule

An indicative guide for landowners to check if their property is likely to be below the nitrogen limit set out in the draft permitted rule

The rules to limit nitrogen loss in the Lake Rotorua catchment could include a nitrogen limit of 10 kgN/ha/yr for pastoral land on properties under 40 hectares.

Properties exceeding this nitrogen limit, or which are over 40 hectares, could be required to apply for a resource consent. The nitrogen limit established through a resource consent application is a Nitrogen Discharge Allowance and will generally involve a reduction in nitrogen loss from past levels.

The overall intent is that small block owners and larger holdings all make a contribution to meeting the catchment nitrogen target.

How to use the table

The stocking table provides an indicative guide for landowners to see if the pastoral portion of their property is likely to be below the 10 kgN/ha/year threshold. Under the draft rules the stocking rates apply only to pastoral land. Plantation forestry and native bush could be set a limit of 3 kgN/ha/yr.

it is to be used as a guide to help landowners understand how the draft rules may affect them and if they need to undertake more detailed analysis of their nitrogen losses using the Overseer nutrient budget model.



The draft rules have not been finalised. Components of the rules including the stocking intensity table may change as the rules develop.



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For more information on the draft rules see the Have Your Say brochure or supporting information fact sheets on www.rotorualakes.co.nz

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giver of all things

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Draft stocking table

Stock class	Animal / Hectare	Hectare / Animal
Pony	1.9	0.53
Pony brood mare w/ foal	1.4	0.71
Small hack	1.4	0.71
Small hack broodmare w/ foal	1.1	0.91
Large hack	0.9	1.11
Thoroughbred	0.9	1.11
Large hack broodmare w/ foal	0.8	1.25
Dairy bull	1.2	0.83
Dairy cow	0.7	1.43
Dairy heifer < 2 years age	1.6	0.63
Dairy heifer calf	1.8	0.56
Beef bull	1.2	0.83
Beef cow	1	1.00
Steer/bull < 2 years age	1.5	0.67
Heifer < 2 years age	1.6	0.63
Steer calf < 1 year	2.2	0.45
Heifer calf < 1 year	2.2	0.45
Ram	12.7	0.08
Adult ewe	10.4	0.10
Sheep < 2 years of age	14.3	0.07
Sheep < 1 years of age	19.1	0.05
Bucks & does < 1 year	22.9	0.04
Angora does	10.4	0.10
Feral does	12.7	0.08
Feral bucks & wethers	22.9	0.04
Stag	4.9	0.20
Breeding hind	6.3	0.16
Hind < 2 year	8.8	0.11
Hind fawn < 1 year	28.8	0.03
Stag < 2 year	4.1	0.24
Stag fawn < 1 year	22.9	0.04
Alpaca	14.3	0.07
Llama	7.1	0.14

The above stocking rates are based on animals grazing all year round. The nutrient calculations have been developed using average Rotorua rainfall figures on pumice soils. The 10 kgN/ha/yr limit is based on Version 5 of the Overseer model and it will change when converted to Version 6. However, the indicative stocking rates above should remain about the same.