

# THE VALUE OF NITROGEN FERTILISER TO THE NEW ZEALAND ECONOMY

The Fertiliser Association of New Zealand has commissioned a study to analyse the costs to the primary sector, both at the farm gate and to the wider New Zealand economy, associated with removing nitrogen fertiliser or using a substitute. For pastoral farms this includes use of supplementary feed. Here is a summary of the key findings.

## Financial impact at the farm gate

While the removal of nitrogen as a farm input would reduce (by a small amount) farming impacts on water quality and GHG emissions, at the farm gate this is estimated to cost:

**\$1.7 billion**

if N fertiliser is removed and no substitution is used



**\$2.1 billion**

if substitute with other feeds and legume cover crops

## On-farm impacts (\$million)

	SHEEP/BEEF	DAIRY	PERMANENT HORTICULTURE	VEGETABLES AND ARABLE	TOTAL
Without N fertiliser	-\$30	-\$824	-\$479	-\$351	-\$1,684
Without N fertiliser, plus substitution via imported feeds and composts	-\$238	-\$1,213	-\$18	-\$637	-\$2,105

## Impact on the New Zealand economy

