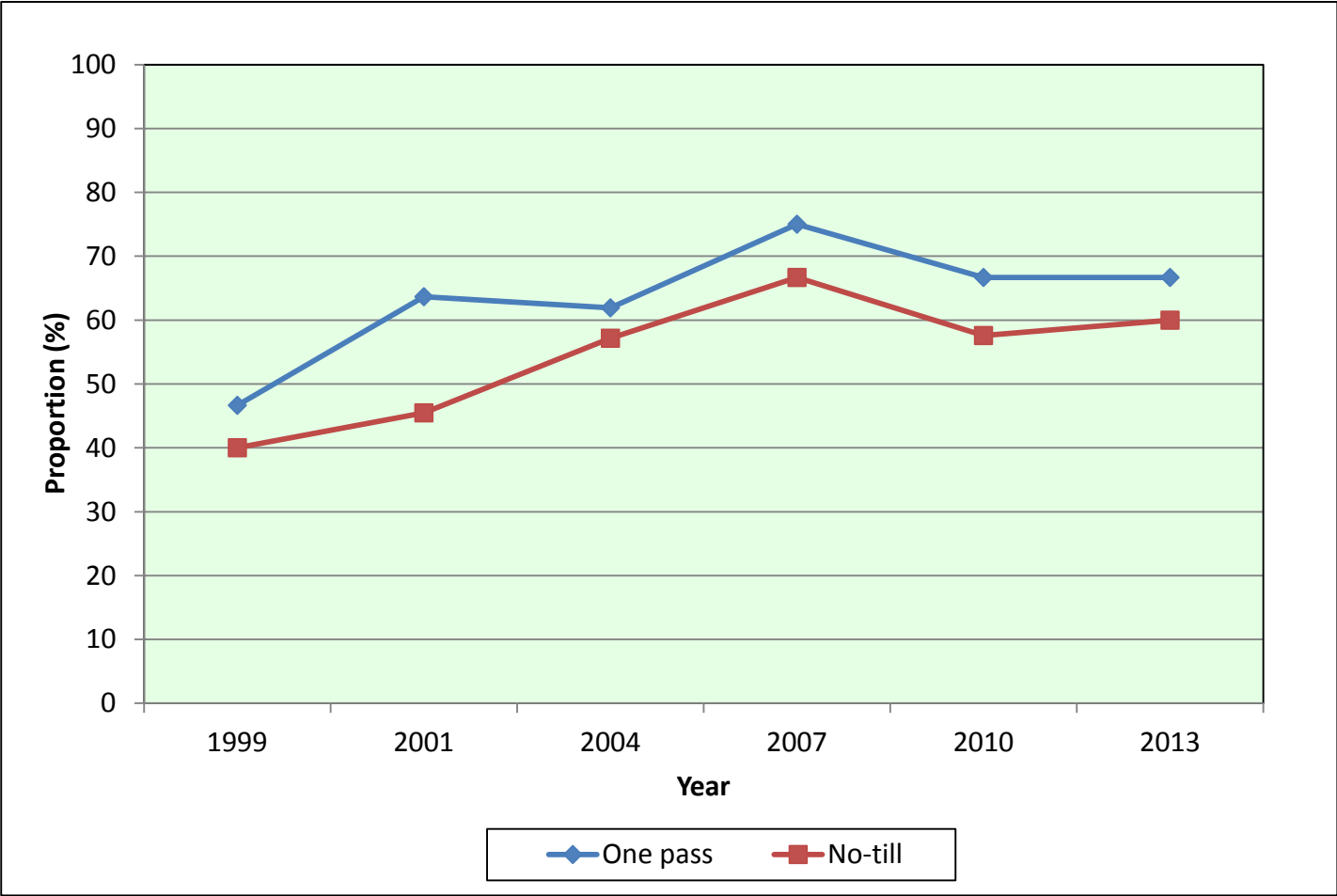
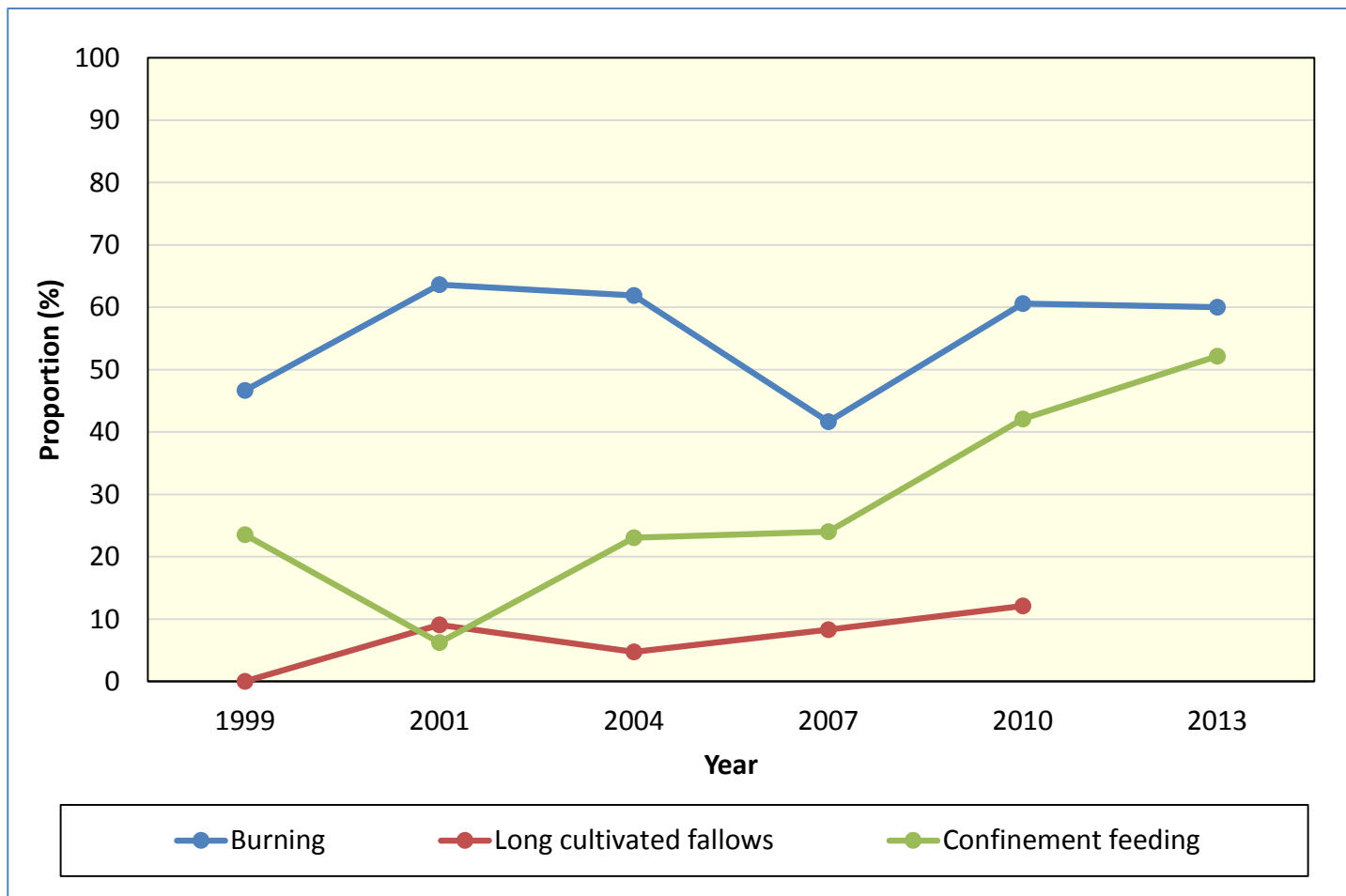


Erosion protection

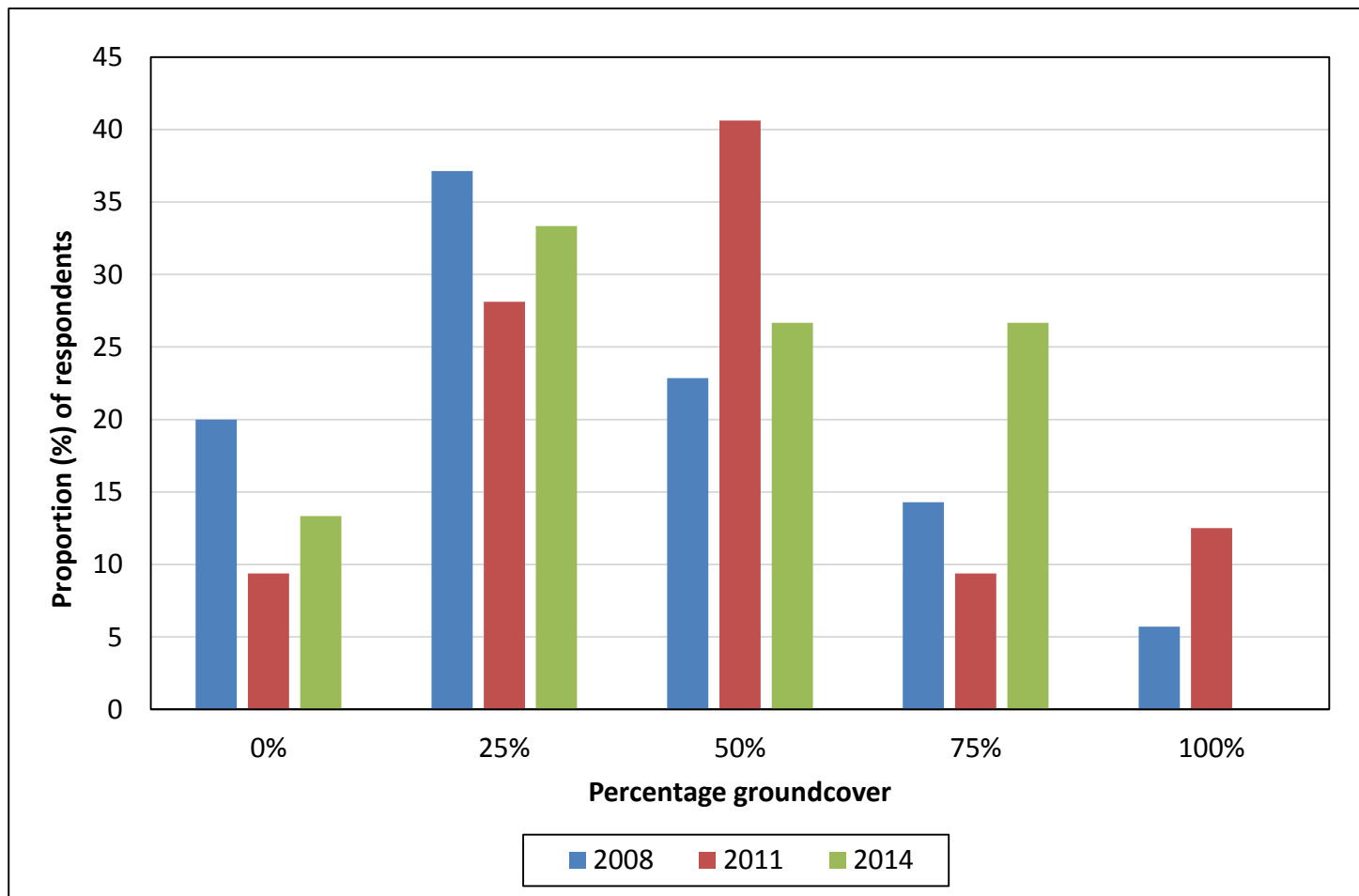
Proportion of crop area reported sown using one pass (any implement) and proportion sown using no-till (narrow point / disc opener), KI NRM Region. DEWNR land manager telephone surveys



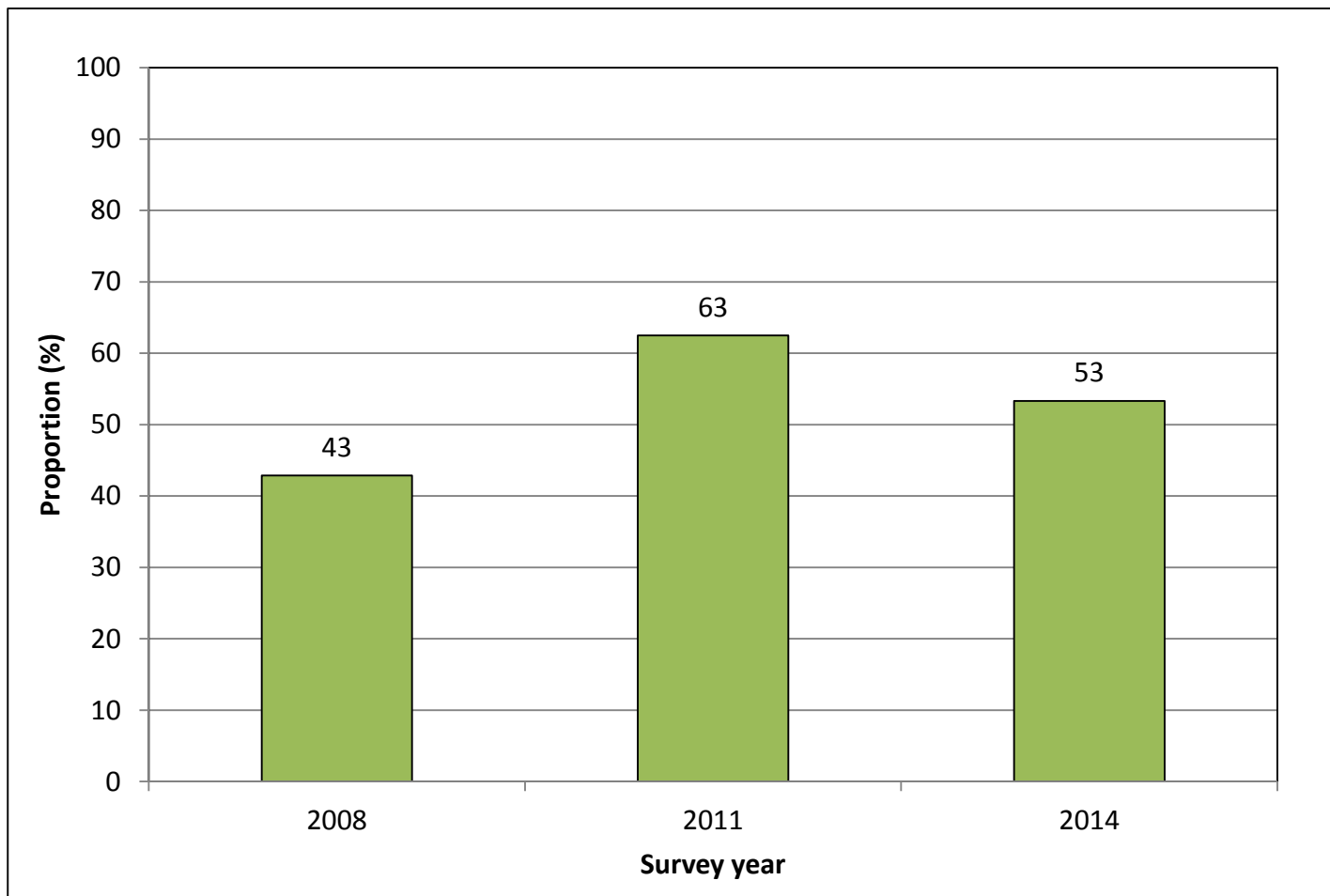
Proportion (%) of respondents who usually or occasionally burn stubbles/residues, use long cultivated fallows; and do confinement feeding of livestock when necessary to manage groundcover in paddocks in the KI NRM Region; DEWNR land manager telephone surveys



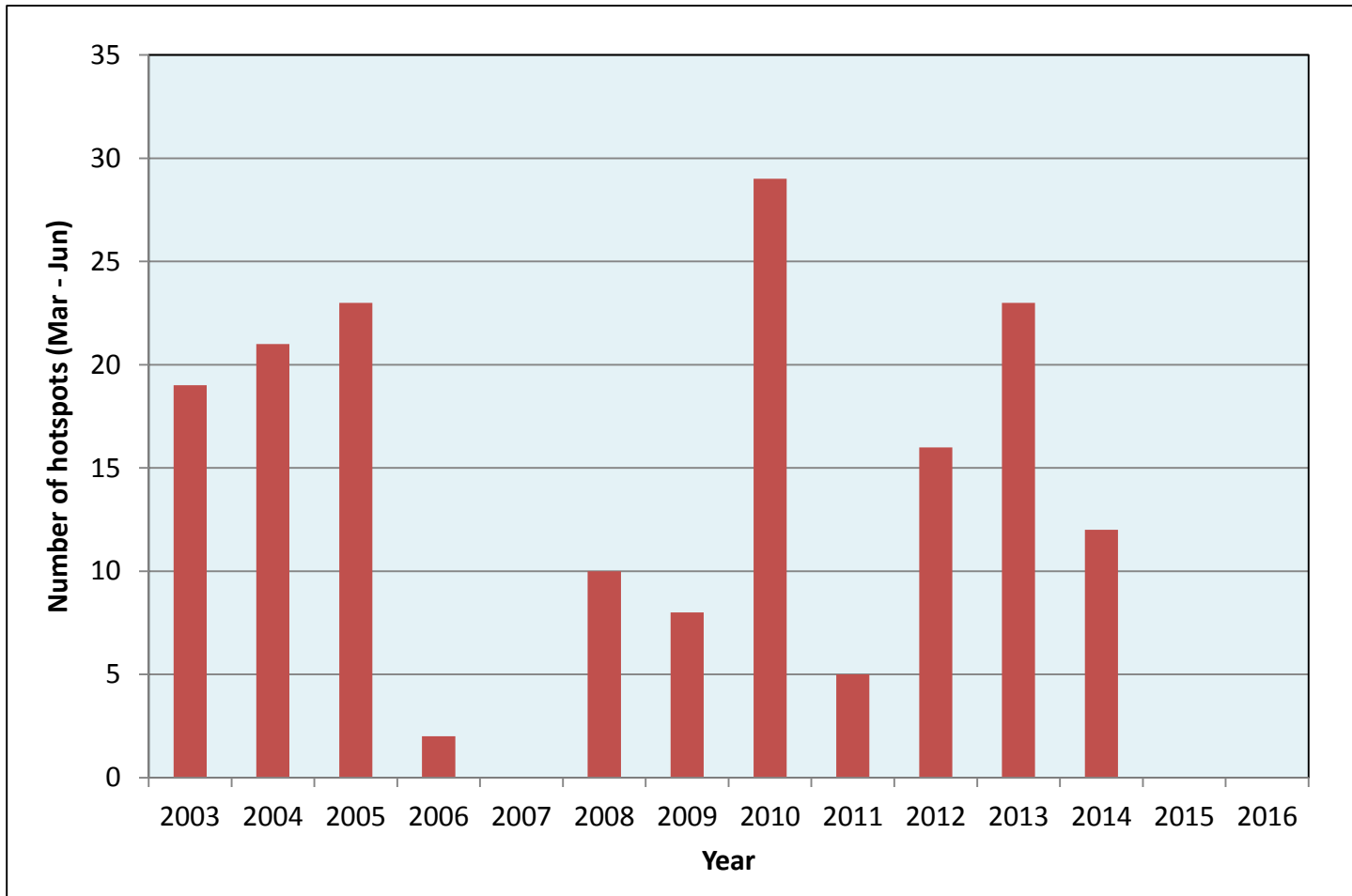
Approximate average percentage groundcover that cropping land managers aim to have immediately prior to sowing a crop (percentages prompted as in chart) in the KI NRM Region; DEWNR land manager telephone surveys 2008, 2011, 2014



Proportion of cropping land managers who aim to have at least 50% groundcover immediately prior to sowing a crop in the KI NRM Region; DEWNR land manager telephone surveys 2008, 2011, 2014

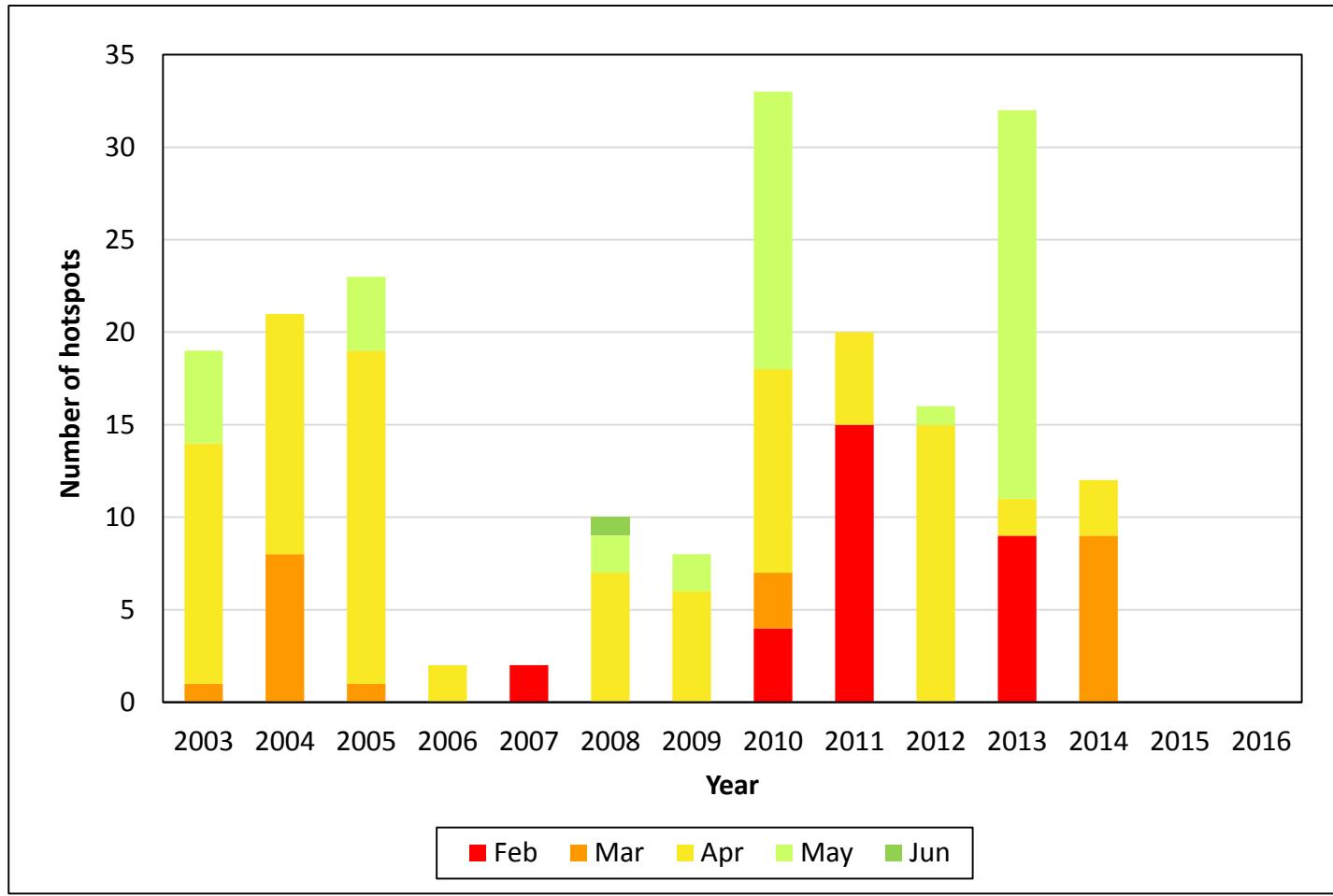


Number of fires detected by Geoscience Australia's Sentinel Hotspots (MODIS imagery), on cleared agricultural land in the KI NRM Region from March to June, 2003 to 2016.
Note mainly only 'hot' burns detected.

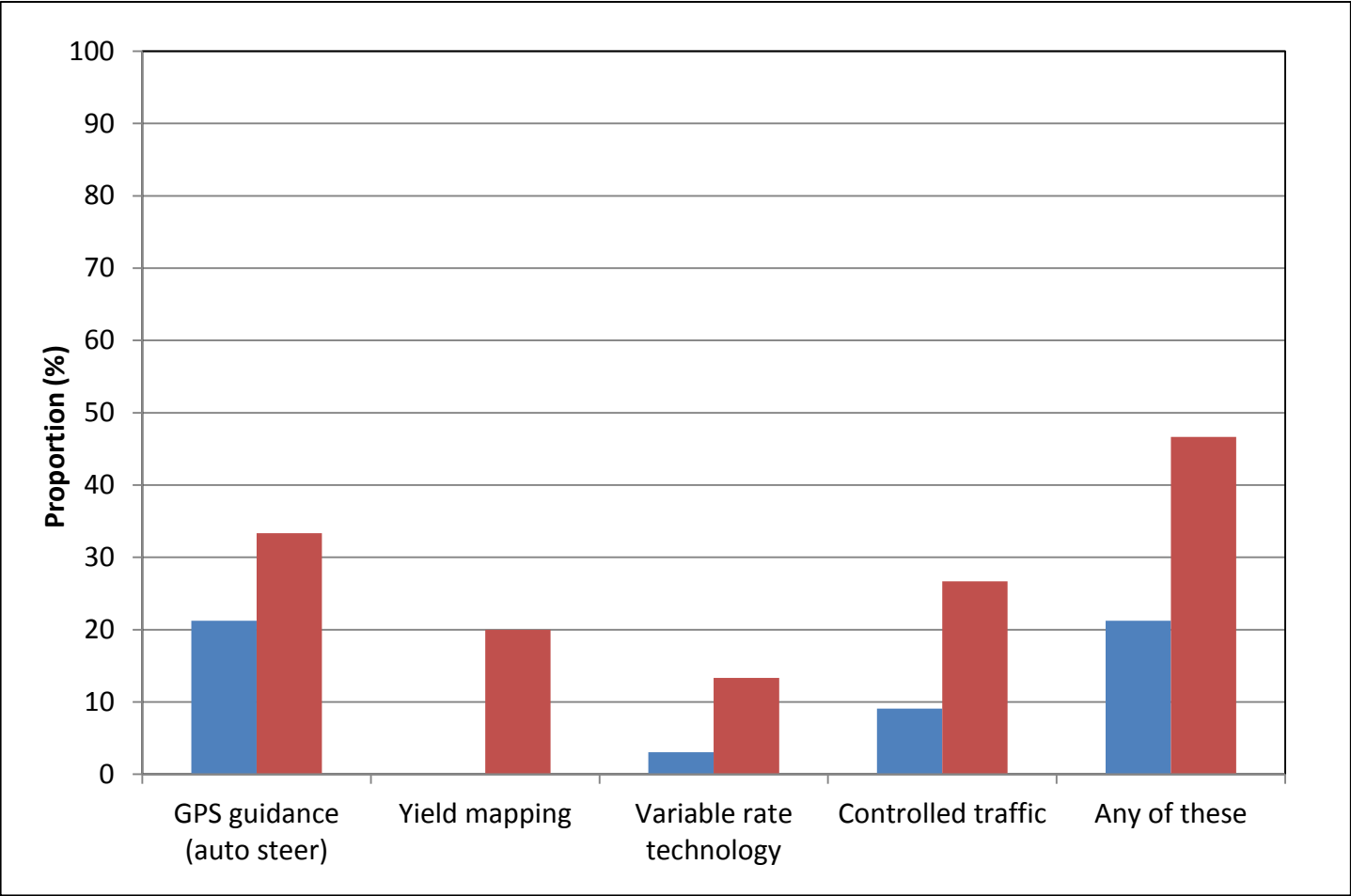


Number of fires by month detected by Geoscience Australia's Sentinel Hotspots (MODIS thermal imagery), on cleared agricultural land in the KI NRM Region from February to June, 2003 to 2016.

Note mainly only 'hot' burns detected.



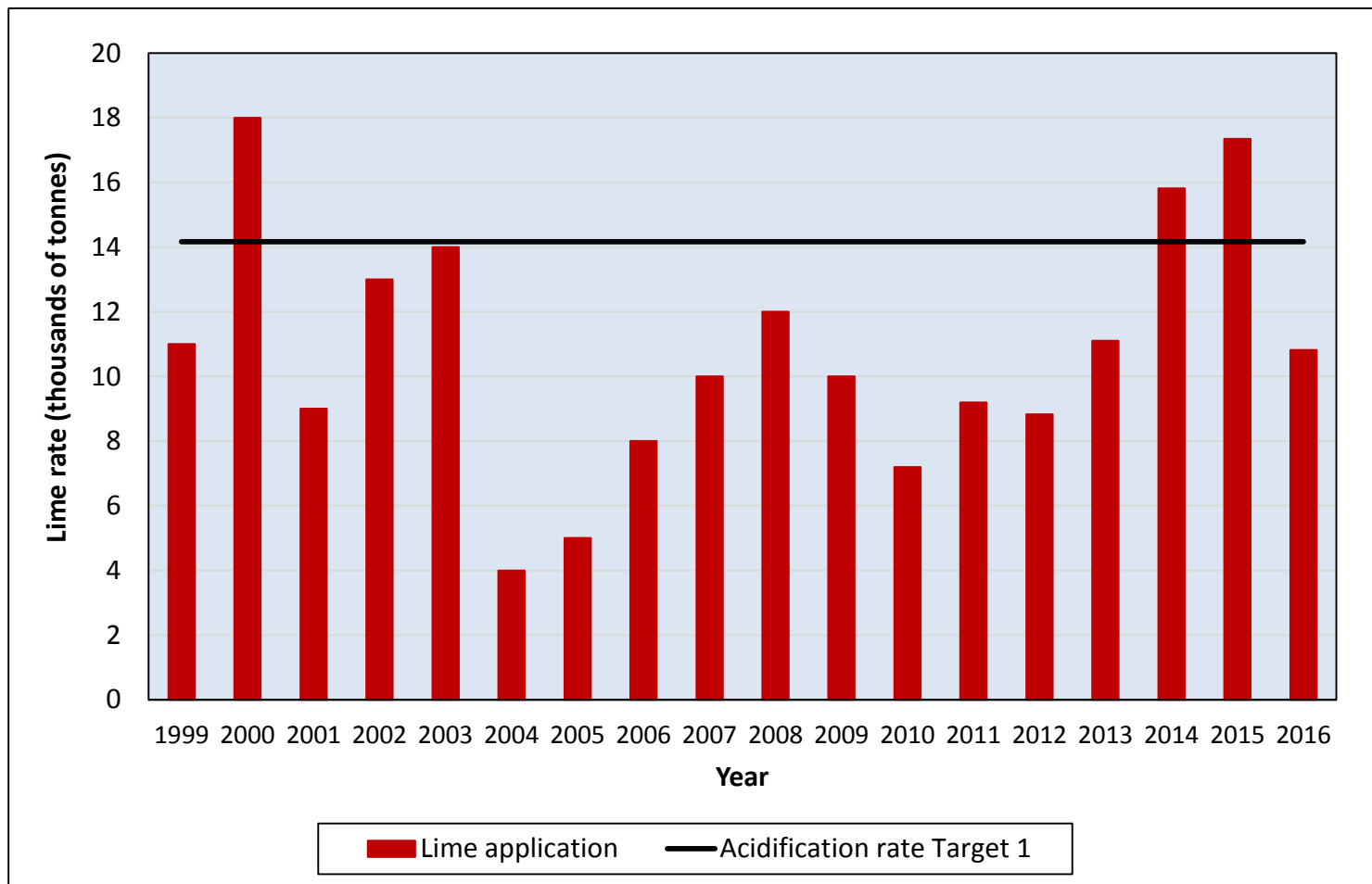
Use of GPS technologies by KI cropping respondents with their crop production. Land manager surveys 2011, 2014.



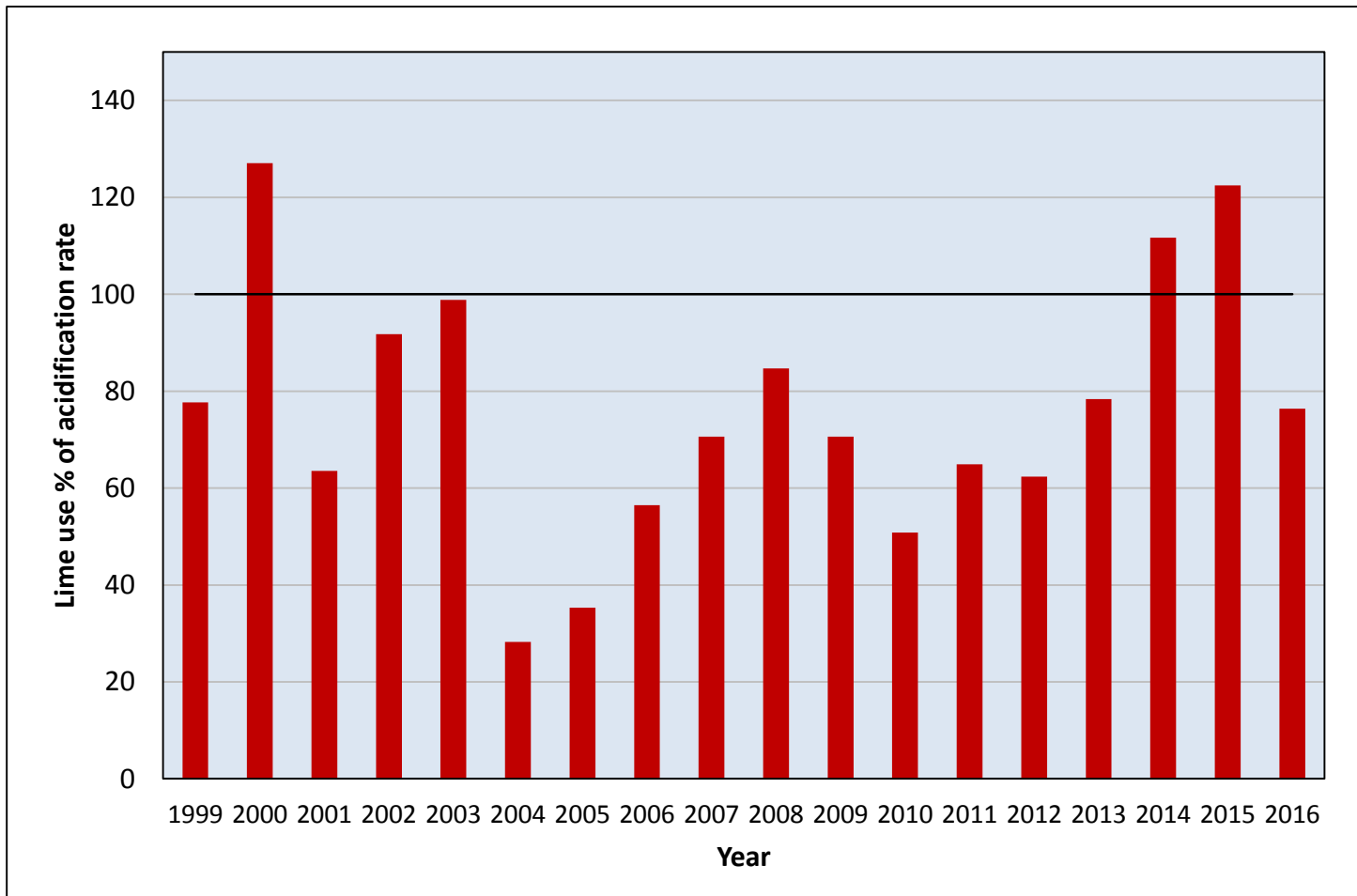
Soil acidity

Estimated annual lime use ('000 tonnes) and estimated lime requirement to treat surface acidification rate on soils below pH_{Ca} 5.5 in the KI NRM Region, 1999 to 2016

Lime sales data from lime sellers in SA



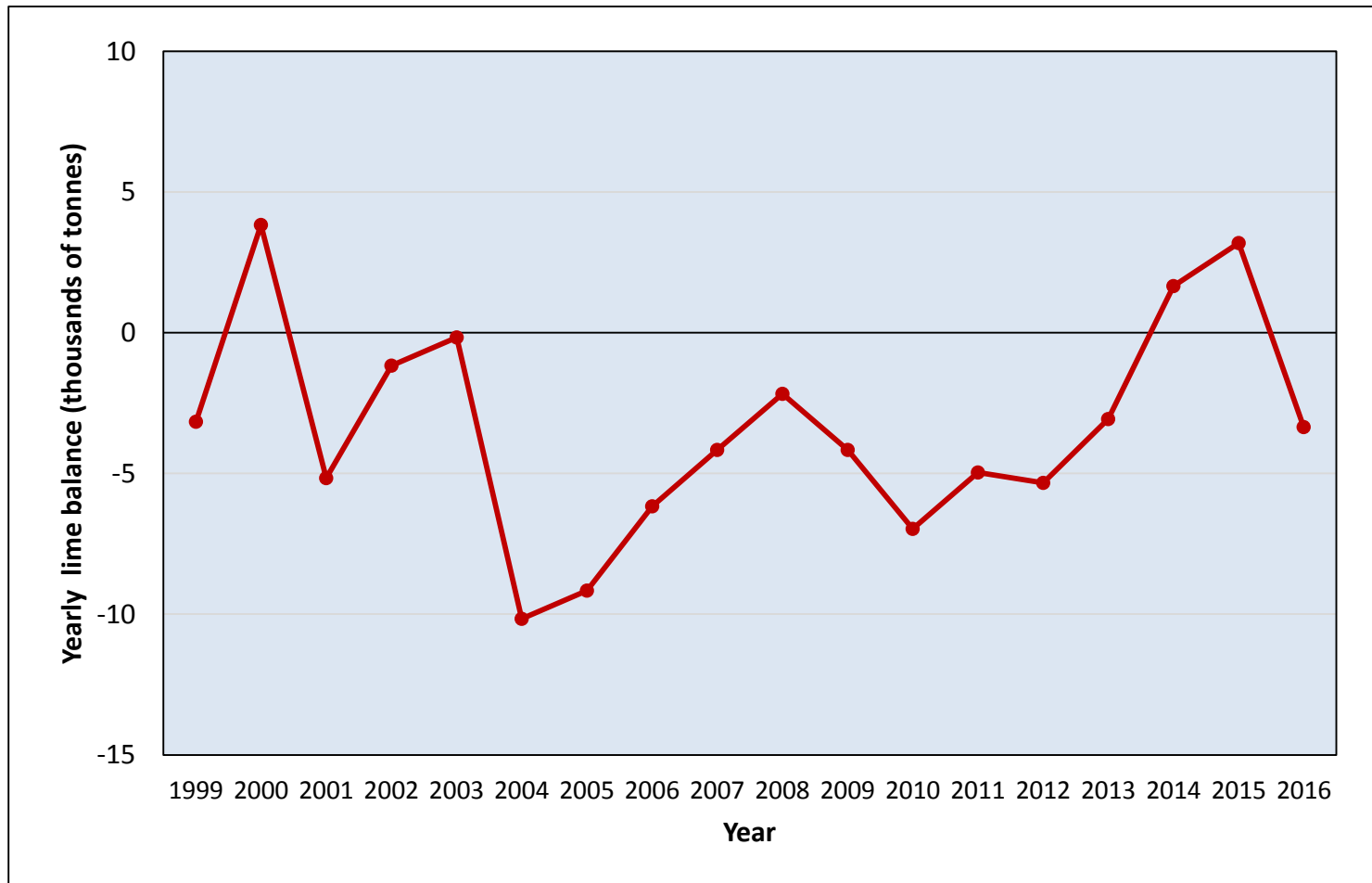
Estimated annual lime use ('000 tonnes) as a percentage of the estimated lime requirement to treat surface acidification on soils below pH_{Ca} 5.5 in the KI NRM Region, 1999 to 2016
Lime sales data from lime sellers in SA



Estimated annual lime balance ('000 tonnes) in the KI NRM Region (lime use minus estimated surface soil acidification rate on soils below pH_{Ca} 5.5) 1999 to 2016

Data from lime sellers in SA.

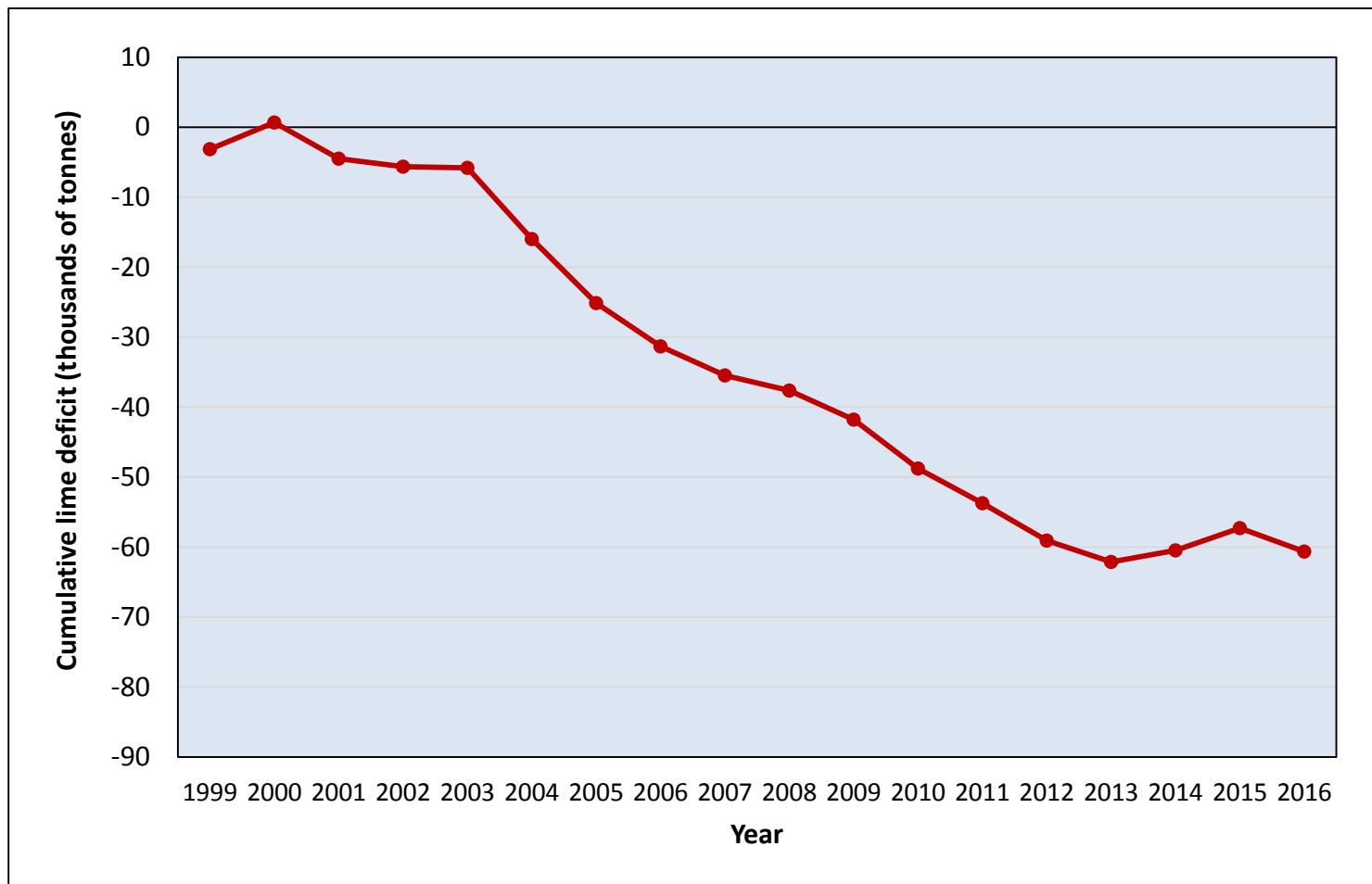
Based on 2016 acidification rates estimate.



Estimated cumulative lime deficit ('000 tonnes) in the KI NRM Region (lime use minus estimated surface soil acidification rate on soils below pH_{Ca} 5.5) 1999 to 2016

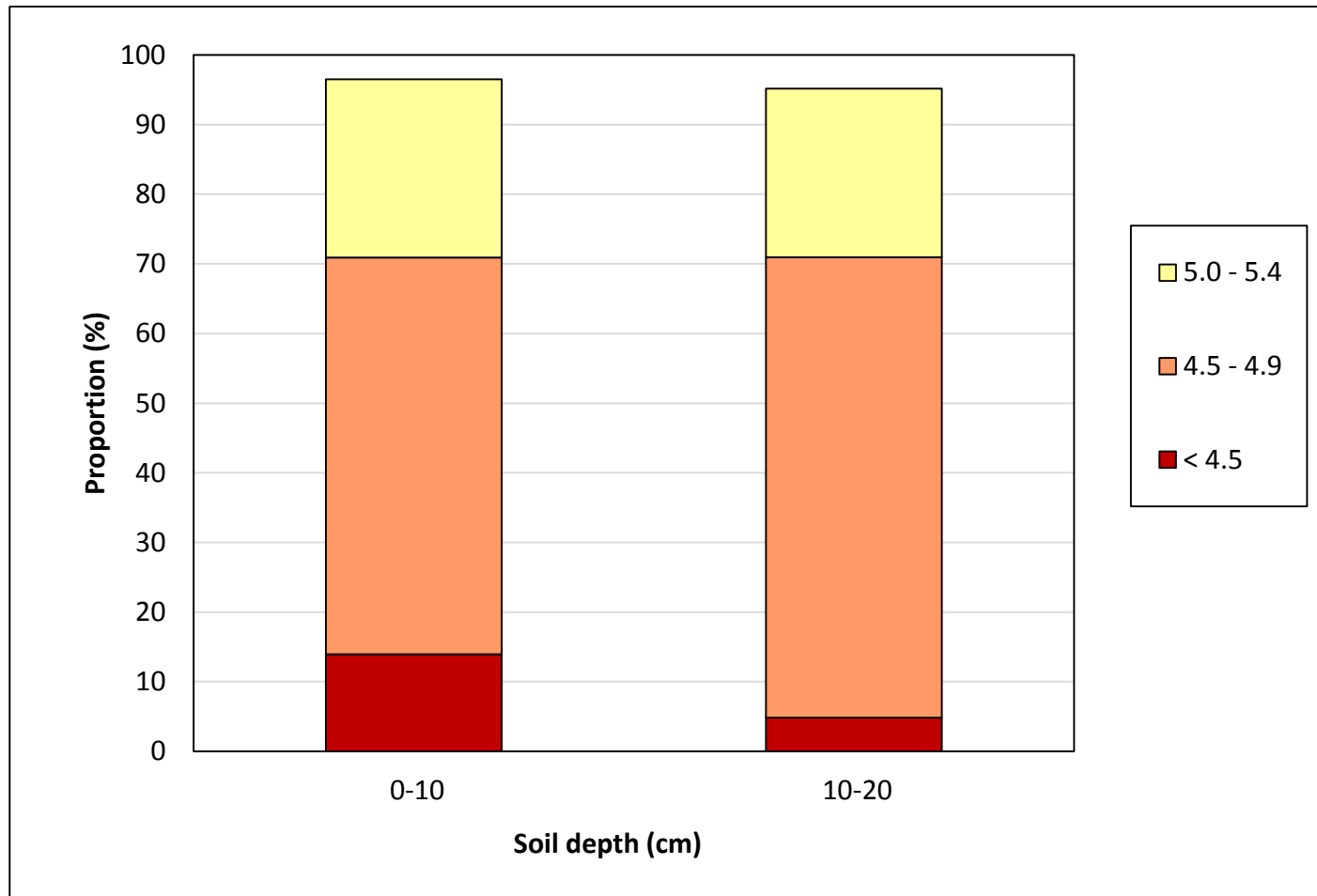
Data from lime sellers in SA.

Based on 2016 acidification rates estimate.

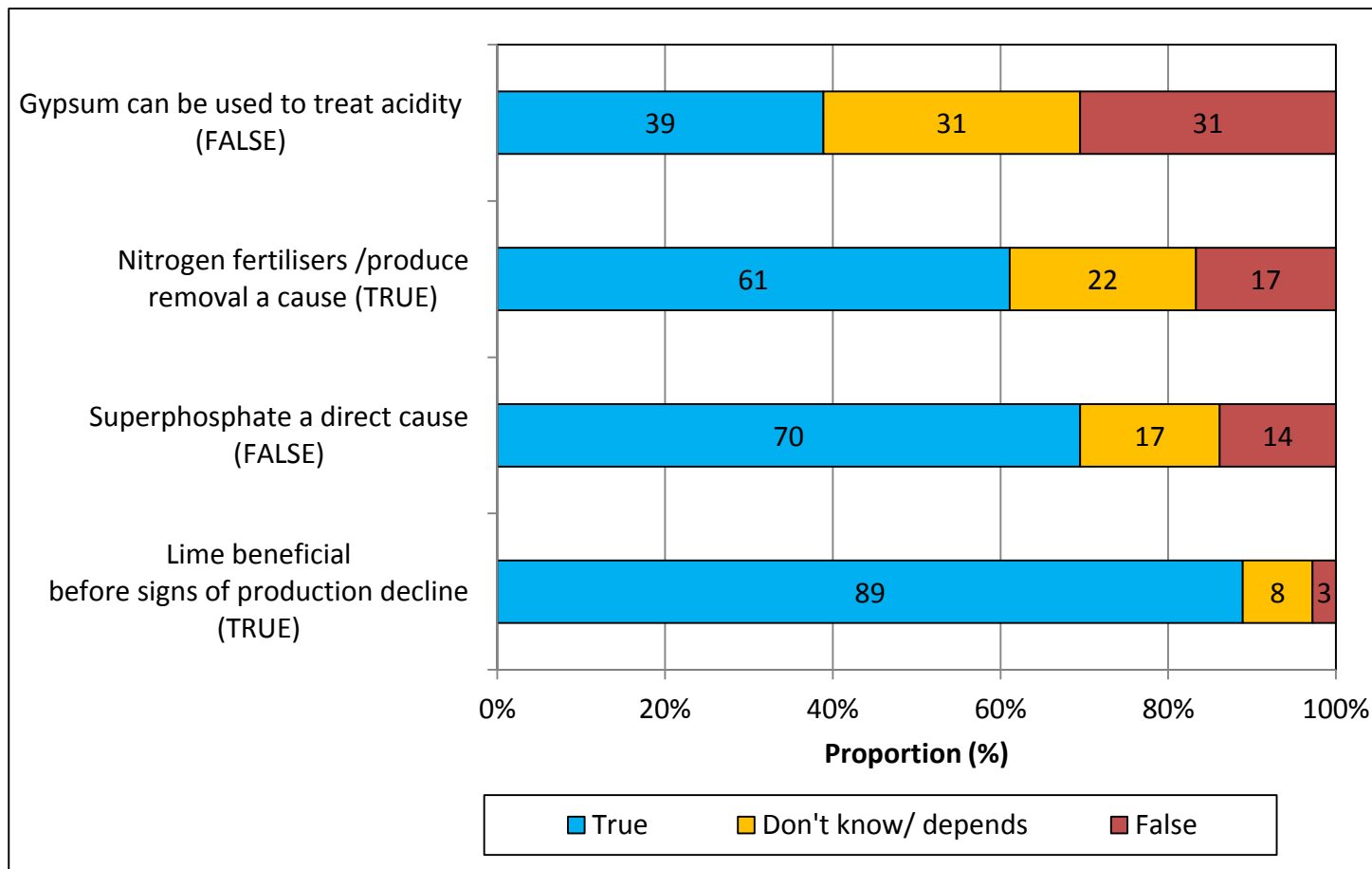


Summary of soil pH_{Ca} results for Kangaroo Island NRM Region

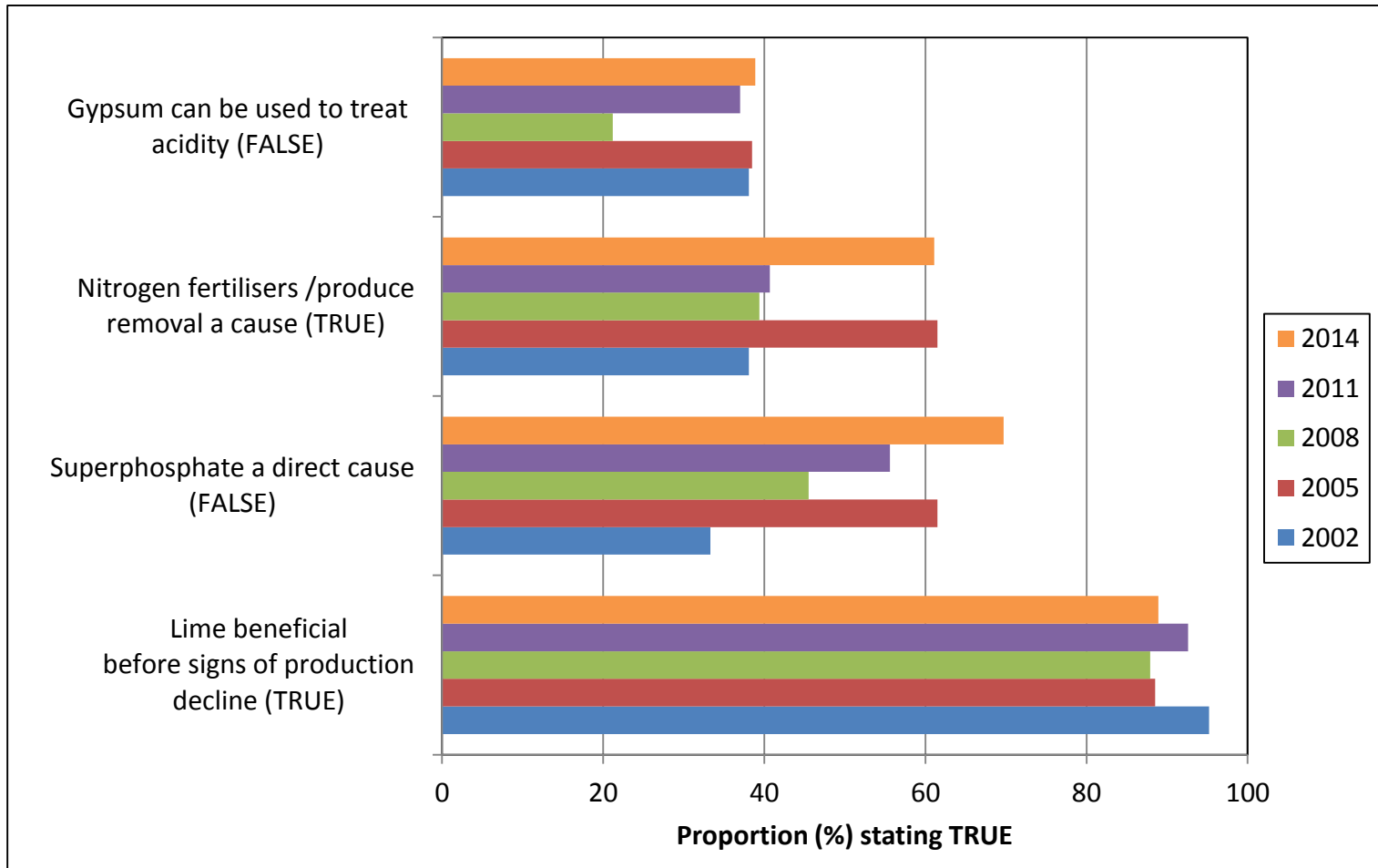
Combined results from 86 DEWNR regional surveillance, monitoring sites in acid prone areas, 2011 - 2012



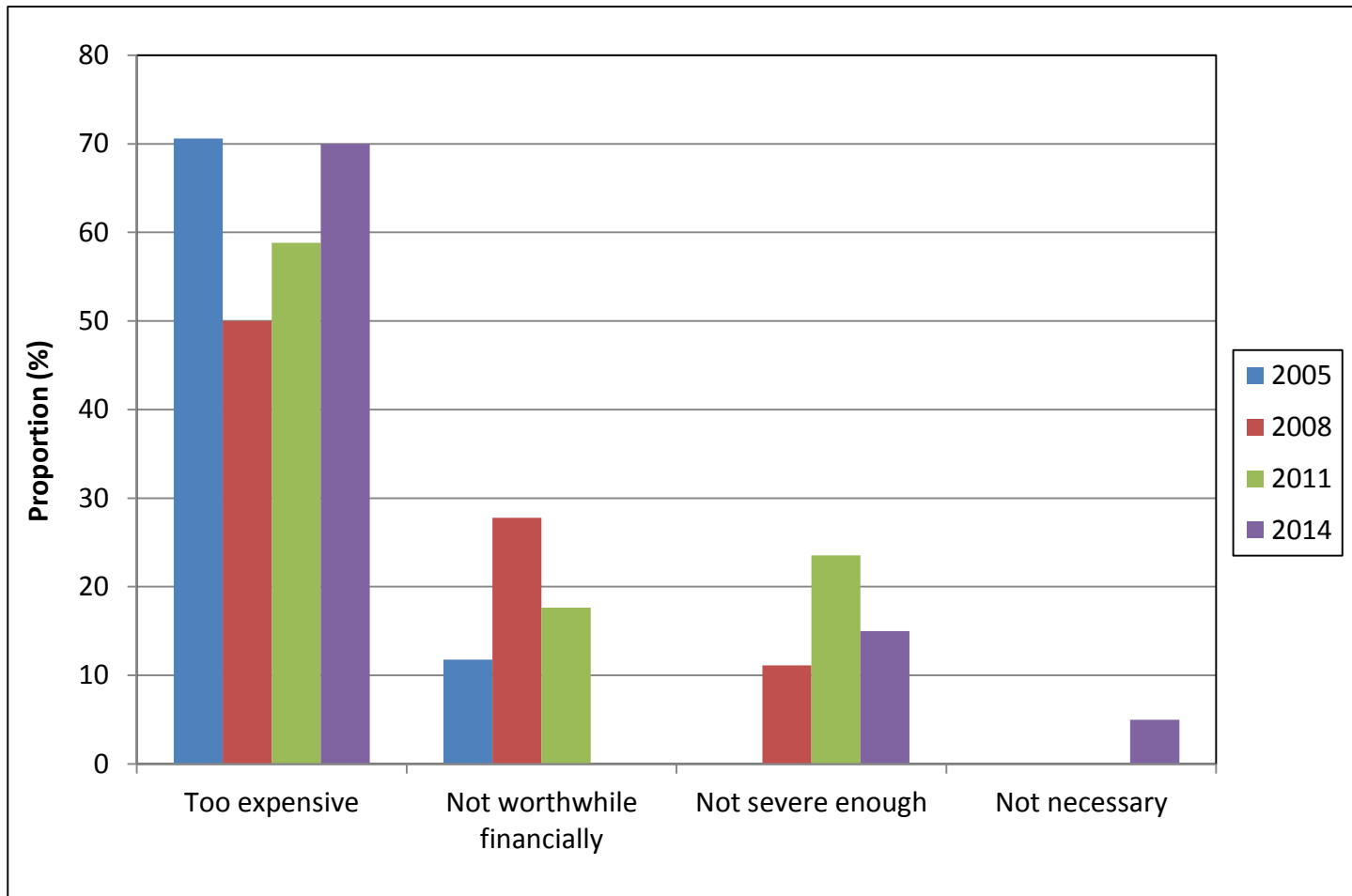
Distribution of true/false responses (%) to statements about the causes and treatments of soil acidity, responses from KI landholders reporting they have acid soils (2014 land manager survey)



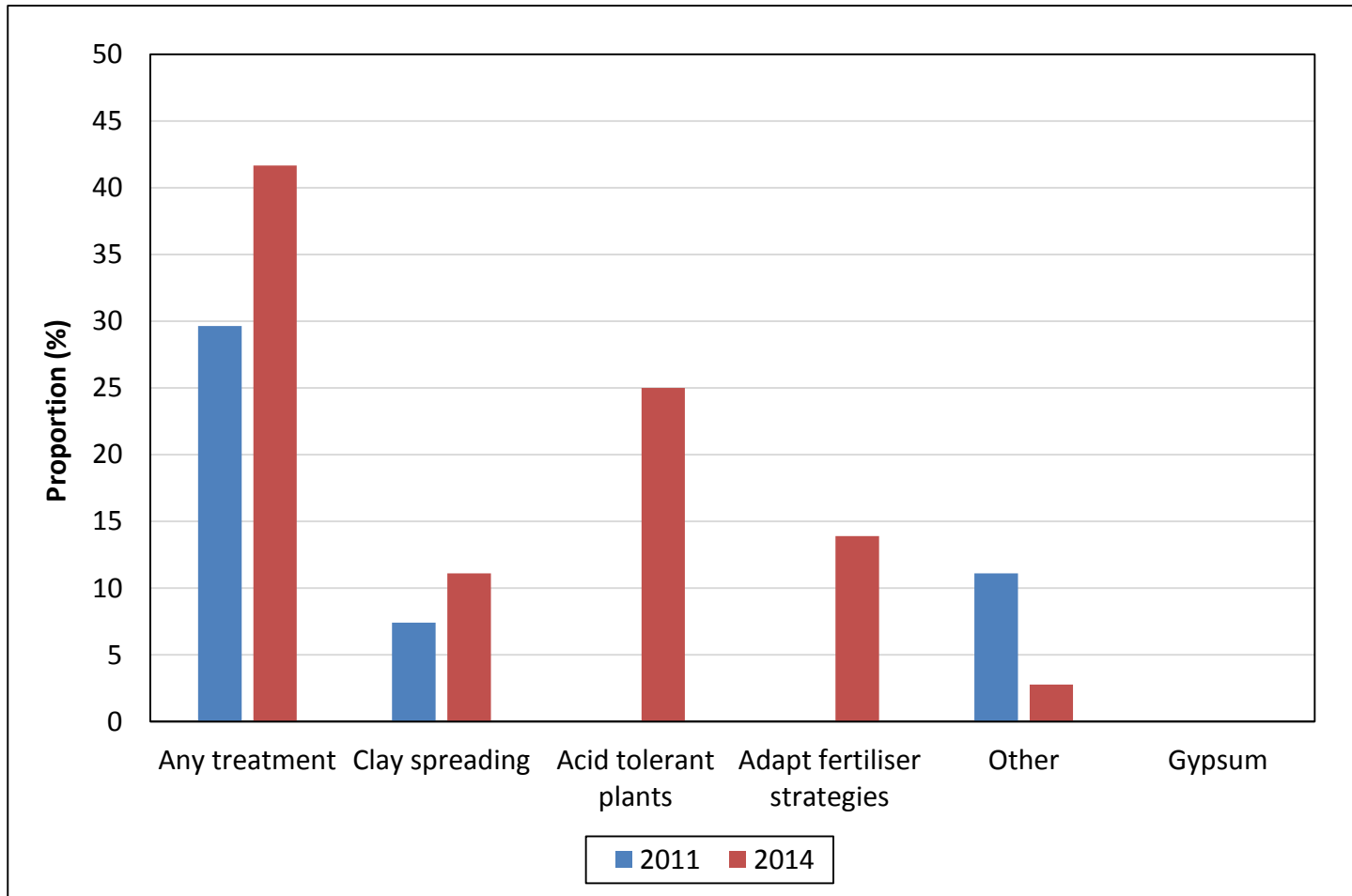
Proportion (%) of respondents with acid soils giving “TRUE” responses to statements about the causes and treatments of soil acidity, KI NRM Region, 2002 to 2014 surveys



Most common reasons given by KI respondents with acid soils for not applying lime / only applying to some acid soil. Land manager surveys 2005 – 2014.



Other treatments done to manage/treat acid soils, respondents with acid soils in the KI NRM Region. Land manager surveys 2011, 2014.

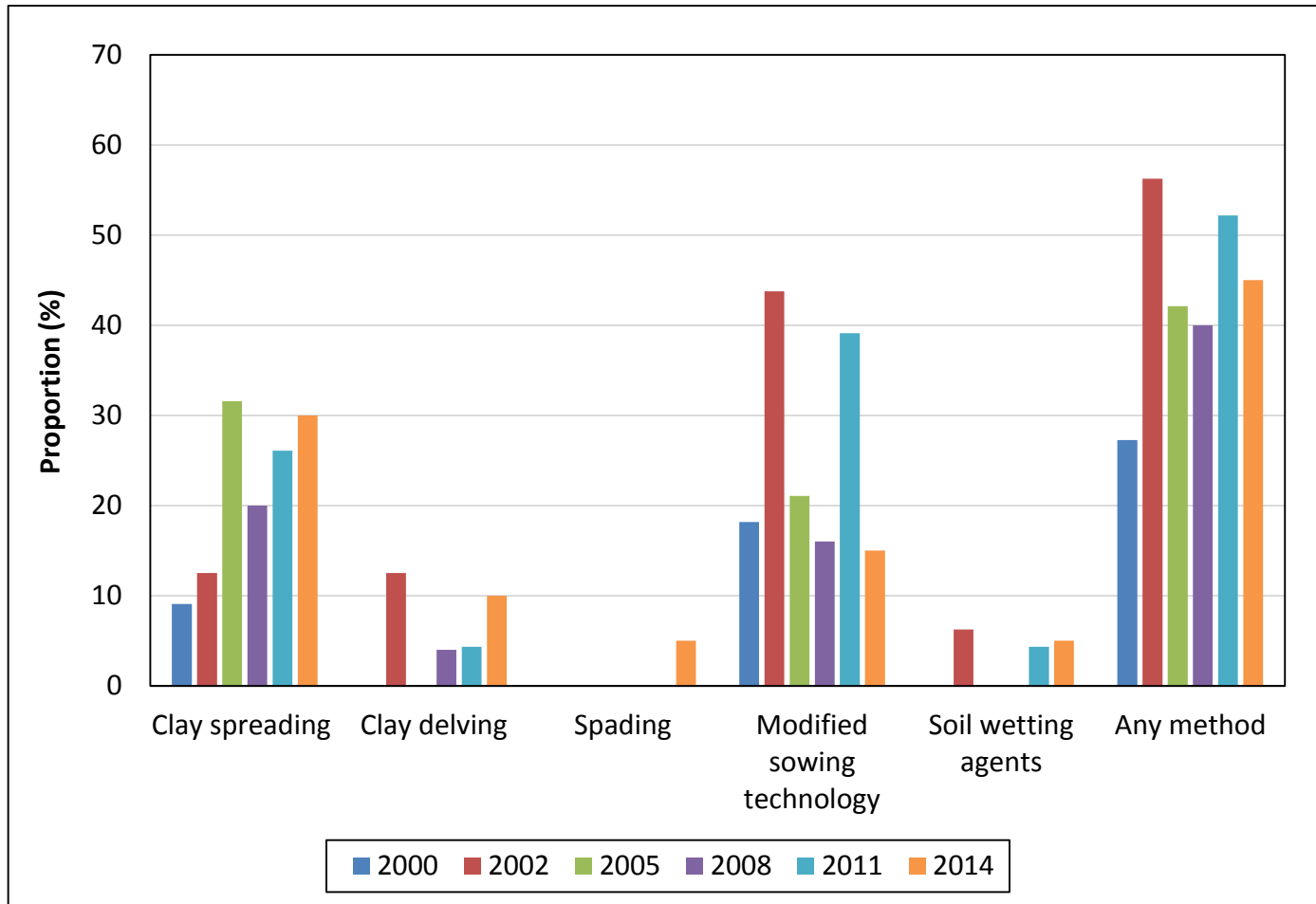


Crop water use efficiency (proportion (%) of potential yield achieved for combined wheat and barley, 5 year rolling mean) for xx Statistical Division and 5 year rolling mean April to October rainfall, 1965 to 2009; production data from ABS, rainfall data from BOM

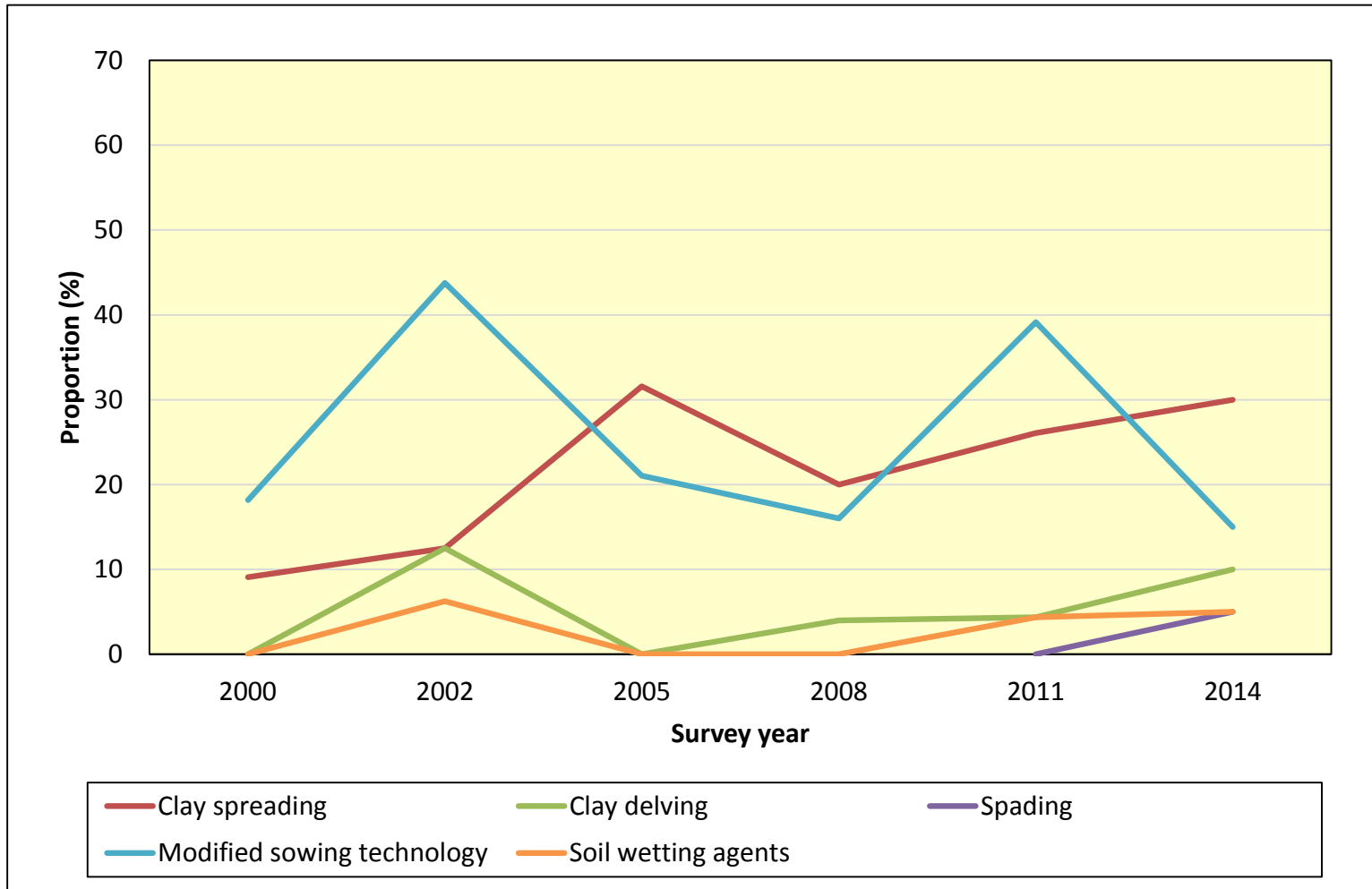
Water repellent soils

Proportion (%) of KI land managers with water repellent soils who use methods to overcome water repellence; DEWNR land manager surveys

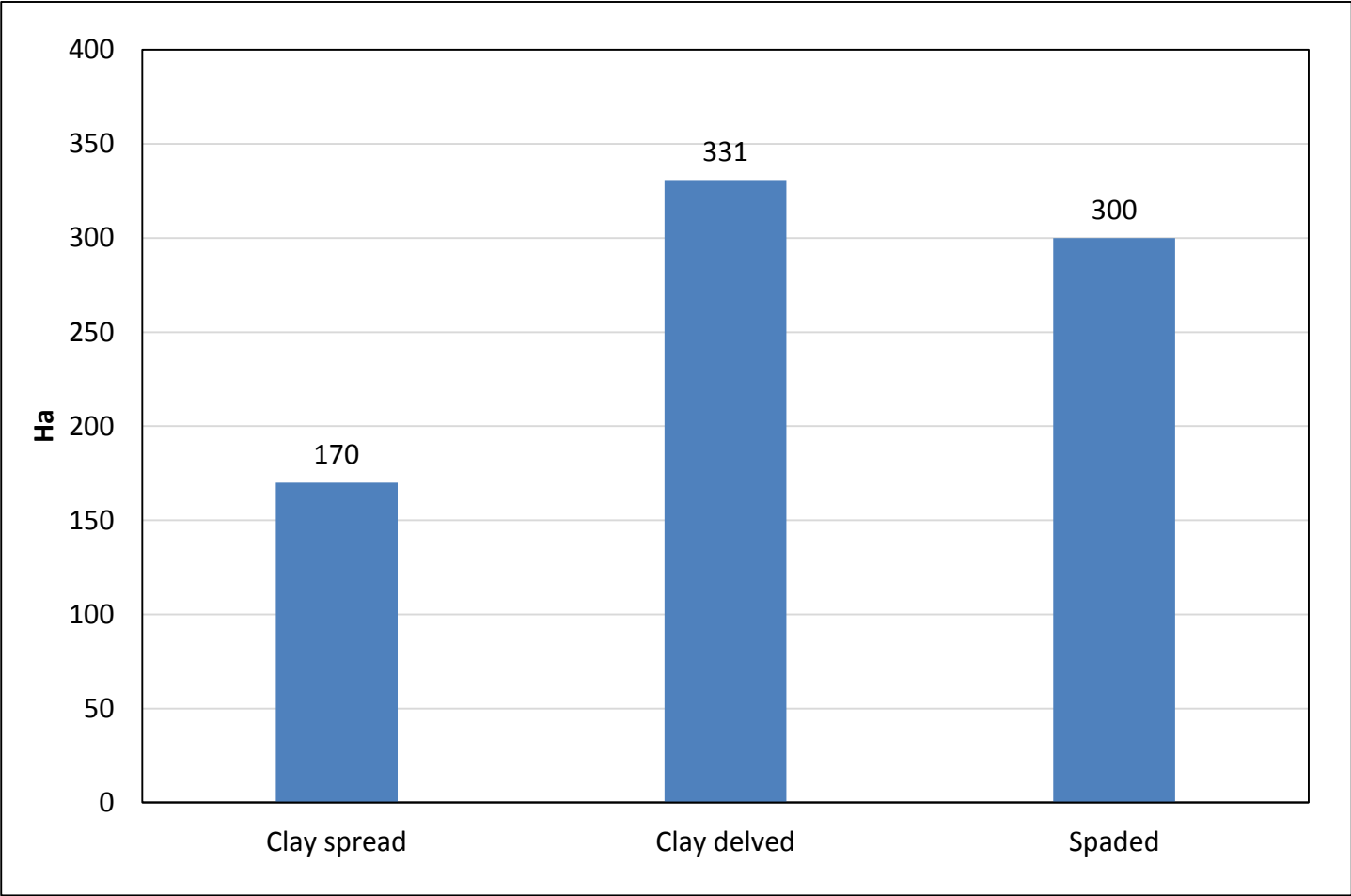
Note 'spading' only asked in 2011 survey onwards



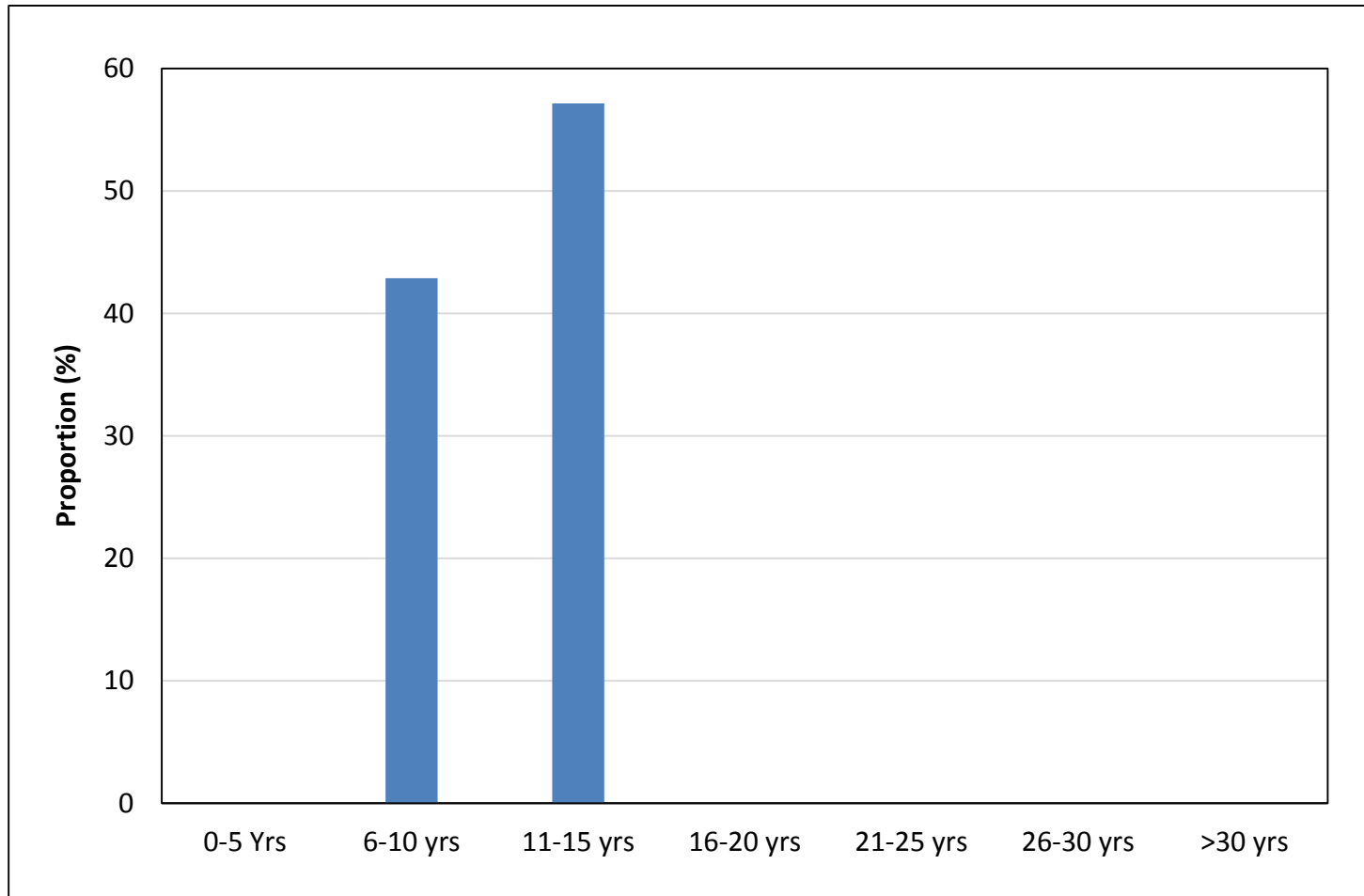
Proportion (%) of KI land managers with water repellent soils who use methods to overcome water repellence; DEWNR land manager surveys



Average area treated by claying methods on their property, respondents with water repellent soils, KI Region, Land Manager Survey 2014

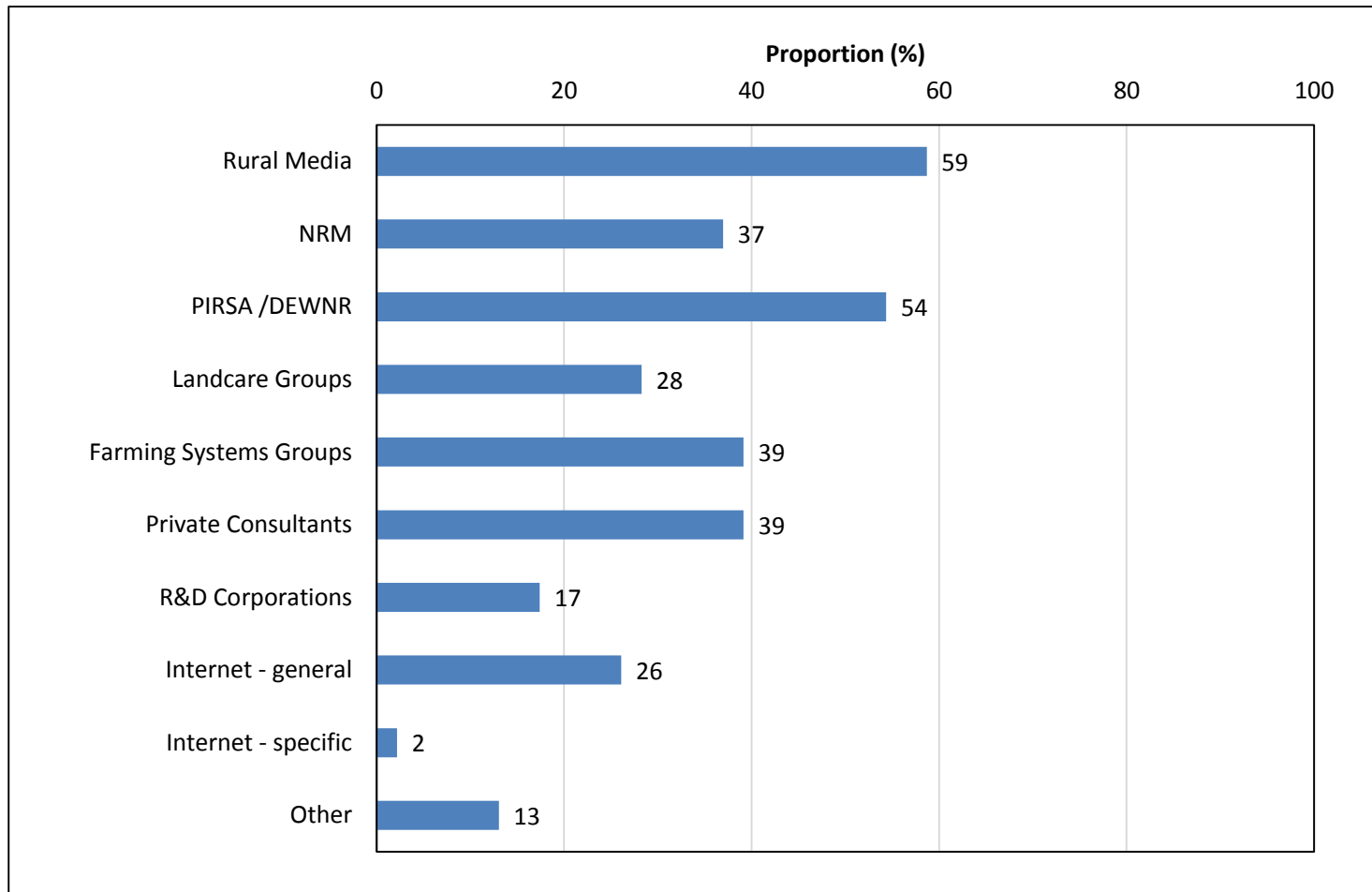


Distribution of time (years) since claying was first done on their property by respondents with water repellent soils, KI Region, 2014 Land Manager survey

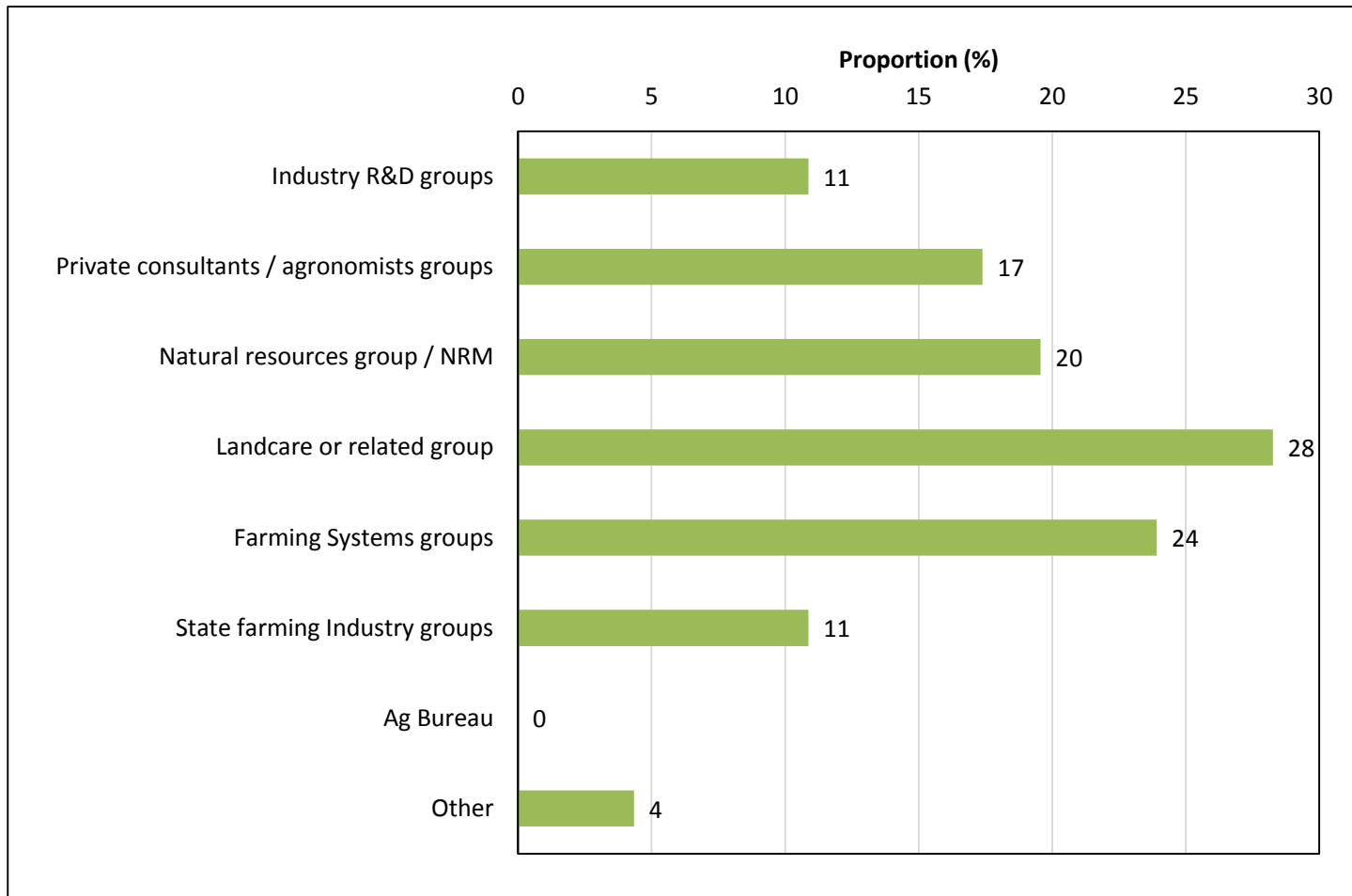


Group involvement

**Sources of information (proportion %) used by KI land managers for managing their farming;
land manager survey 2014**



Proportion (%) of KI land managers who are involved with groups/organisations; land manager survey 2014



Main reasons given (proportion %) for being involved in landcare/farming systems group/s by respondents on KI; land manager survey 2014

