

CAUSES OF INCREASED SOIL ACIDITY:

- Development from acid parent material
- Plant removal of basic cations such as calcium and magnesium
- Leaching of basic cations by rainfall
- Nitrogen fixation by bacteria of legume roots
- Bacteria conversion of nitrogen compounds in the soil, including some nitrogen fertilisers

ADVANTAGES FROM LIMING ACID SOILS:

- Lowers toxic levels of aluminium and manganese
- Increases some microbial activity-decomposition
- Overcomes the potential for calcium or magnesium deficiencies
- Increases symbiotic nitrogen fixation in legumes
- Increases availability of phosphorus and molybdenum

FREQUENCY OF LIMING DEPENDS ON:

- Soil texture
- Nitrogen fixation rates
- Calcium and magnesium crop removal
- Amount of lime applied
- Soil pH range desired

With Compliments:
Victorian Limestone Producers Association Inc.
www.vlpa.asn.au