

Choosing the most suitable lime for your farm



Neutralising Value (NV)

Neutralising value is the ability of the liming material to change soil pH (reduce soil acidity). When making the buying decision between different limes, the lime with the higher NV will have a greater ability to neutralise soil acidity.

Particle Size

The finer the liming material, the more particles there are to contact with the soil. Finer particles have more soil contact hence they react much more rapidly and much more completely. The coarse particles react more slowly as they have a lower surface area to contact with the soil.

Content of Calcium and Magnesium

The calcium and magnesium content of liming materials can vary greatly. It is recommended to use soil test information to determine calcium and magnesium requirements.

Cost ie \$/Unit NV

The cheapest lime per tonne is not always the best value for money. Converting the price to dollars per unit of neutralizing value indicates the best value for money.

Product	NV%	Calcium %	Magnesium %	\$ / Unit NV*
Sibelco- Buchan	100	38	0	1.14
Sibelco- Caroline	95	39	0	1.10
Batesford Quarry Aglime	80	32	< 1	1.12
Calcimo MagCarbonate 13%	85	22	8	1.36
Calcimo Semi Dry	75	30	1	1.10
Darriman Aglime	64	27	1	1.3
Glencoe Aglime	80	32	0.5	1.04
GEM Dolomite	105	25	10	1.04

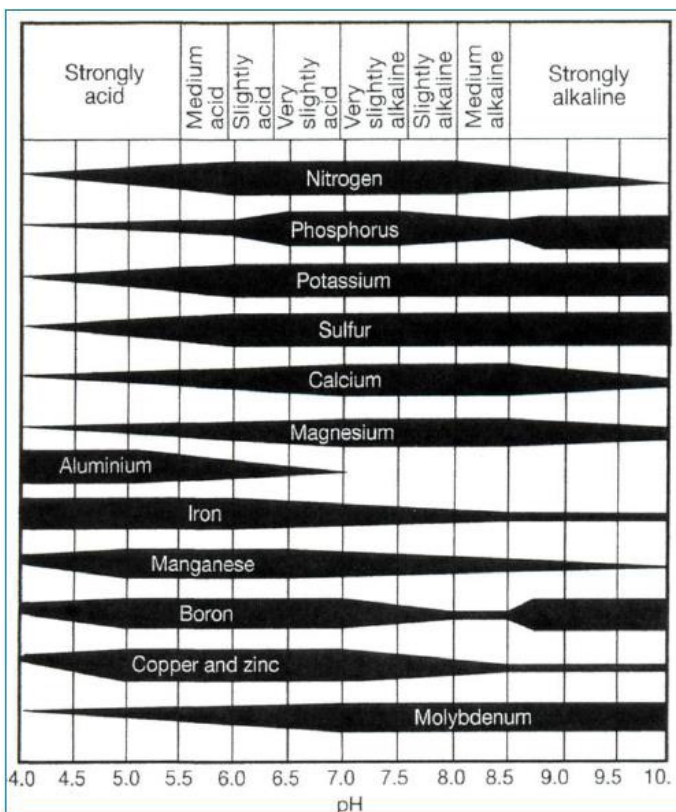
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This information is general in nature, please talk to your qualified agronomist for information that is specific to your needs.

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Lime (calcium) is the back bone of the soil, responsible for many chemical interactions of nutrients, as well as providing soil structural and biological benefits. Benefits include:



- Neutralises soil acidity by lifting the soil pH.
- As the optimum pH range is achieved, essential nutrients become more available for plant uptake, whilst potential toxic elements become less available (refer to diagram)
- Improved yields due to more favourable soil conditions
- Improves soil density and structure
- Addition of calcium and magnesium



Talk to your Brown's Fertilisers qualified agronomist today, not just a sales person

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