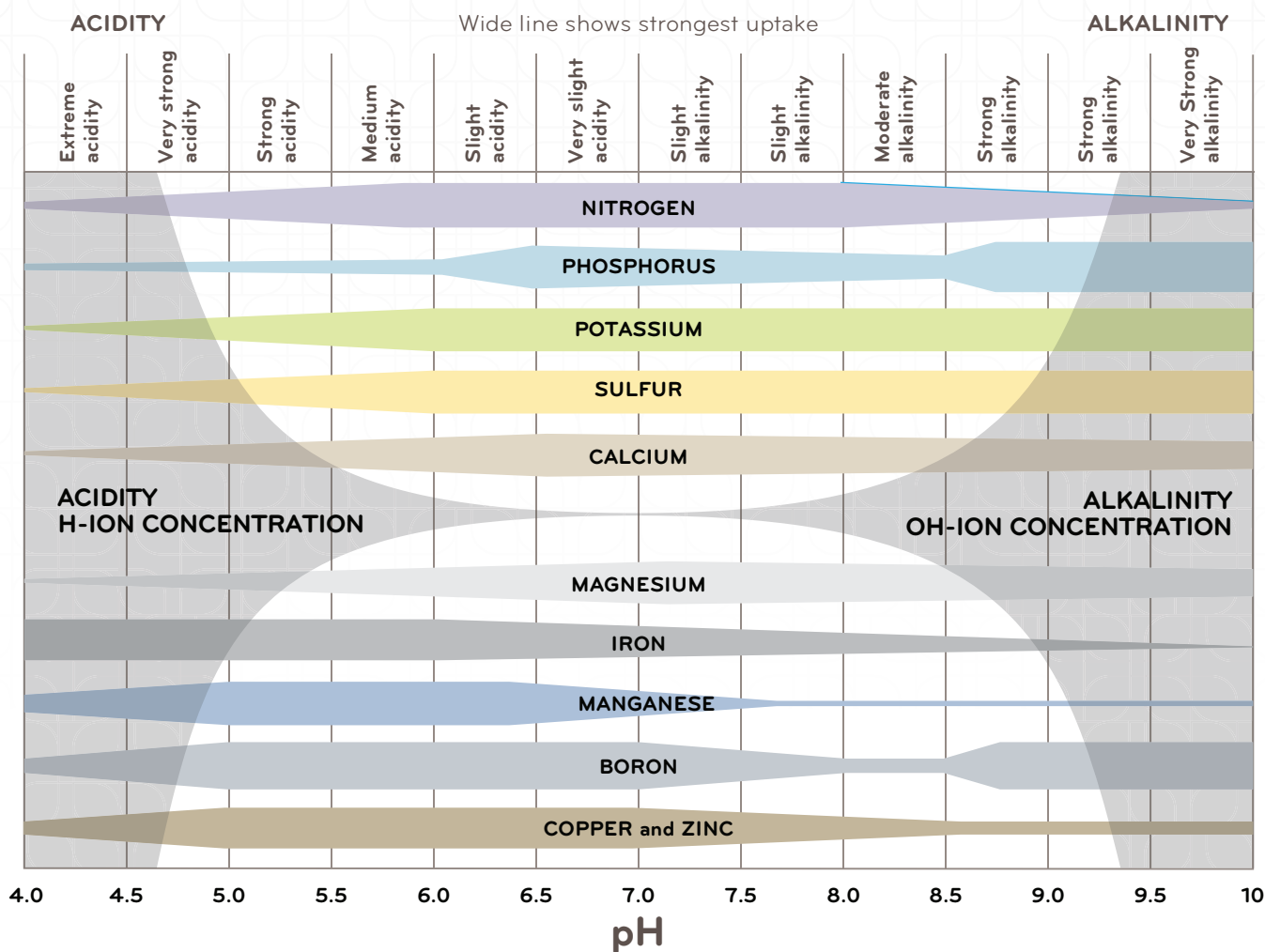


SOIL UPTAKE of NUTRIENTS

In relations to acidity or alkalinity



MATERIALS USED FOR CORRECTING ALKALI

Material	Chemical Formula	Active Ingredients %	Combined Sulfur%	Lbs. necessary to equal 1Lb. of sulfur
Gypsum	CaSO ₄ 2H ₂ O	65-95	18.6	5.38
Soil Sulfur	S	99	99	1
Sulfuric Acid	H ₂ SO ₄	95	31	3.2
Lime Sulfur Solution	CaSx	29	22	4.54

MATERIALS USED FOR CORRECTING ACIDITY

Material	Chemical	Equivalent CaCO ₃	Source
Limestone	CaCO ₃	95%	Natural limestone deposits
Hydrated Lime	Ca(OH) ₂	120%	Limestone burned with steam
Burned Lime	CaO	150%	Limestone burned in kiln
Dolomite	CaCO ₃ MgCO ₃	110%	Natural mineral deposit

