

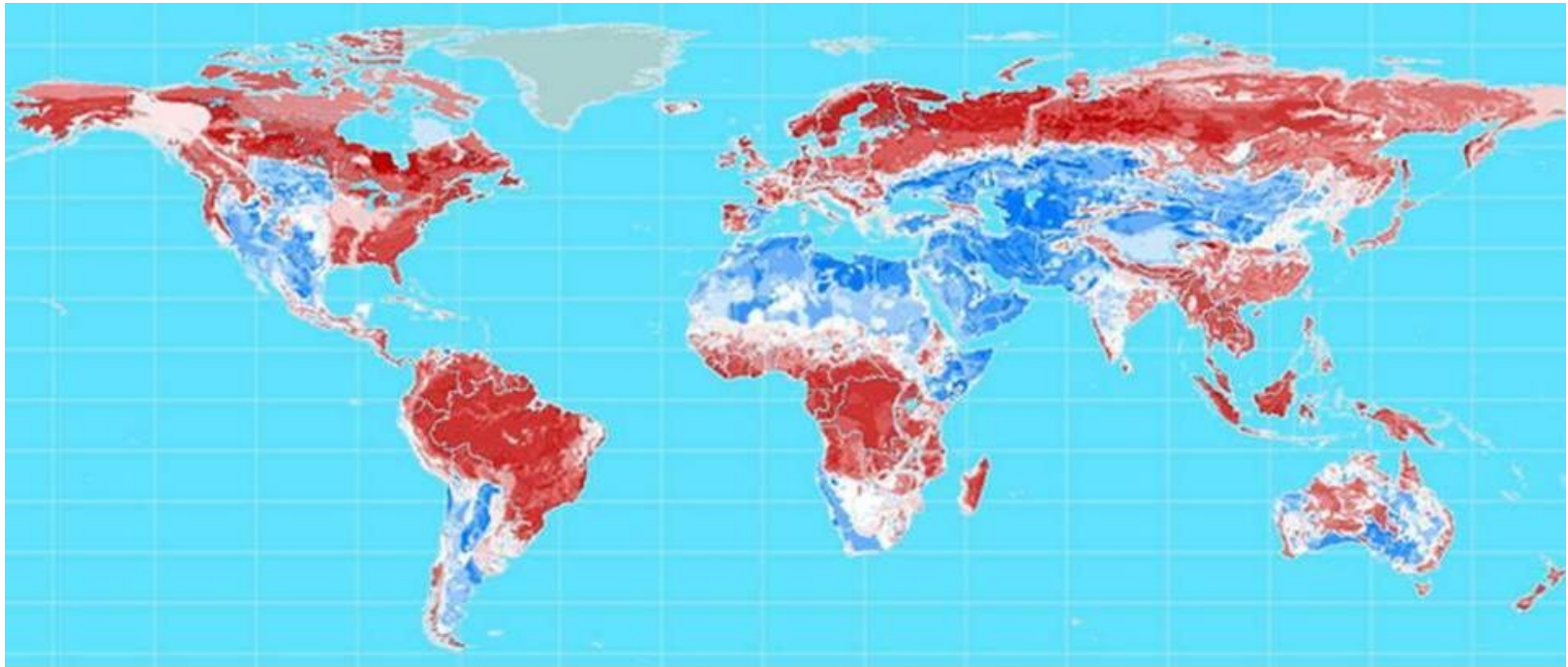
Vliv extrémně kyselého prostředí na rostliny

Případové studie Rio Tinto

M. Barták

OFAR ÚEB PřF MU Brno

Svyžitím materiálu zahraničních autorů: Felipe Gomez



Soil pH

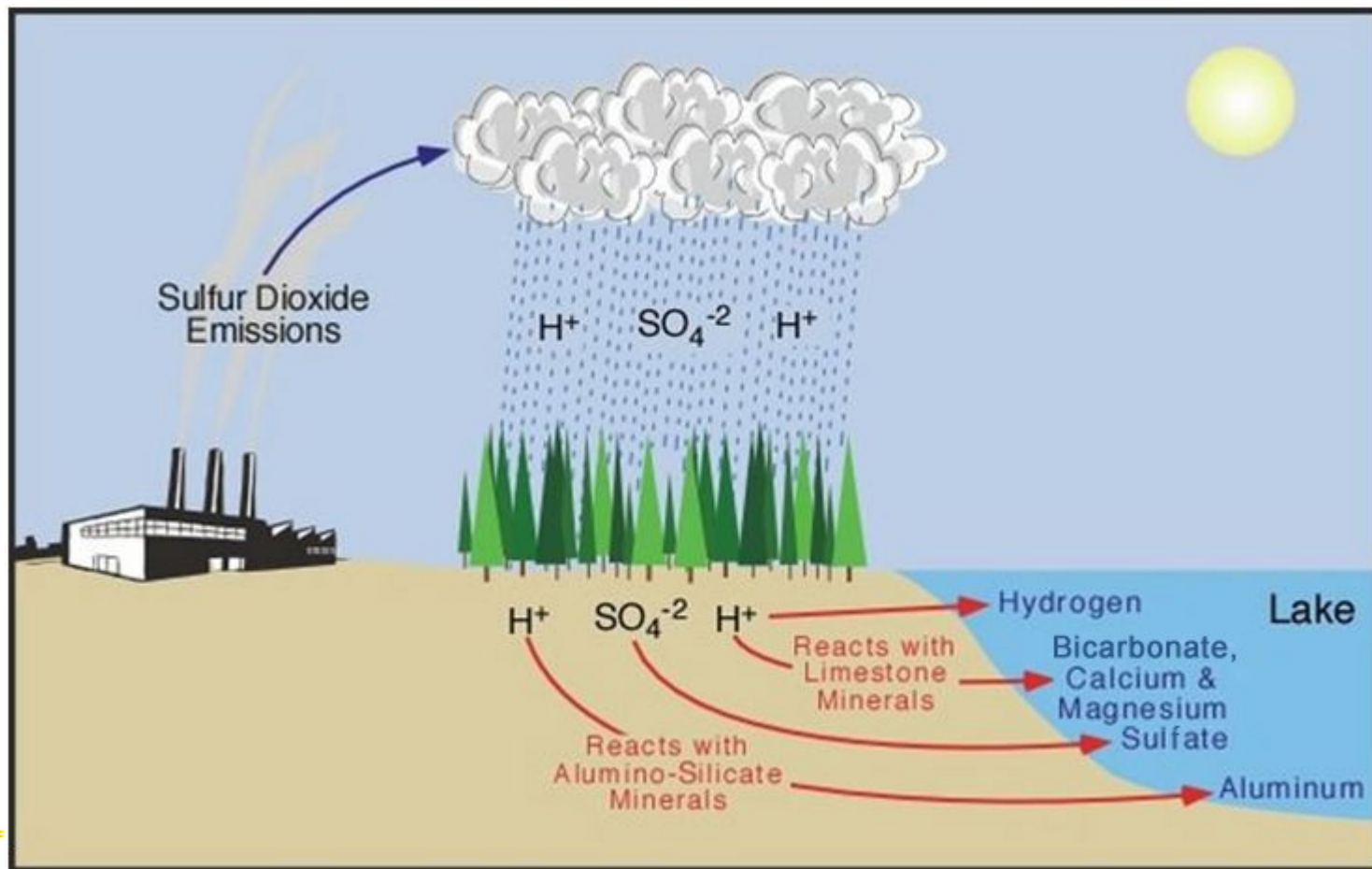


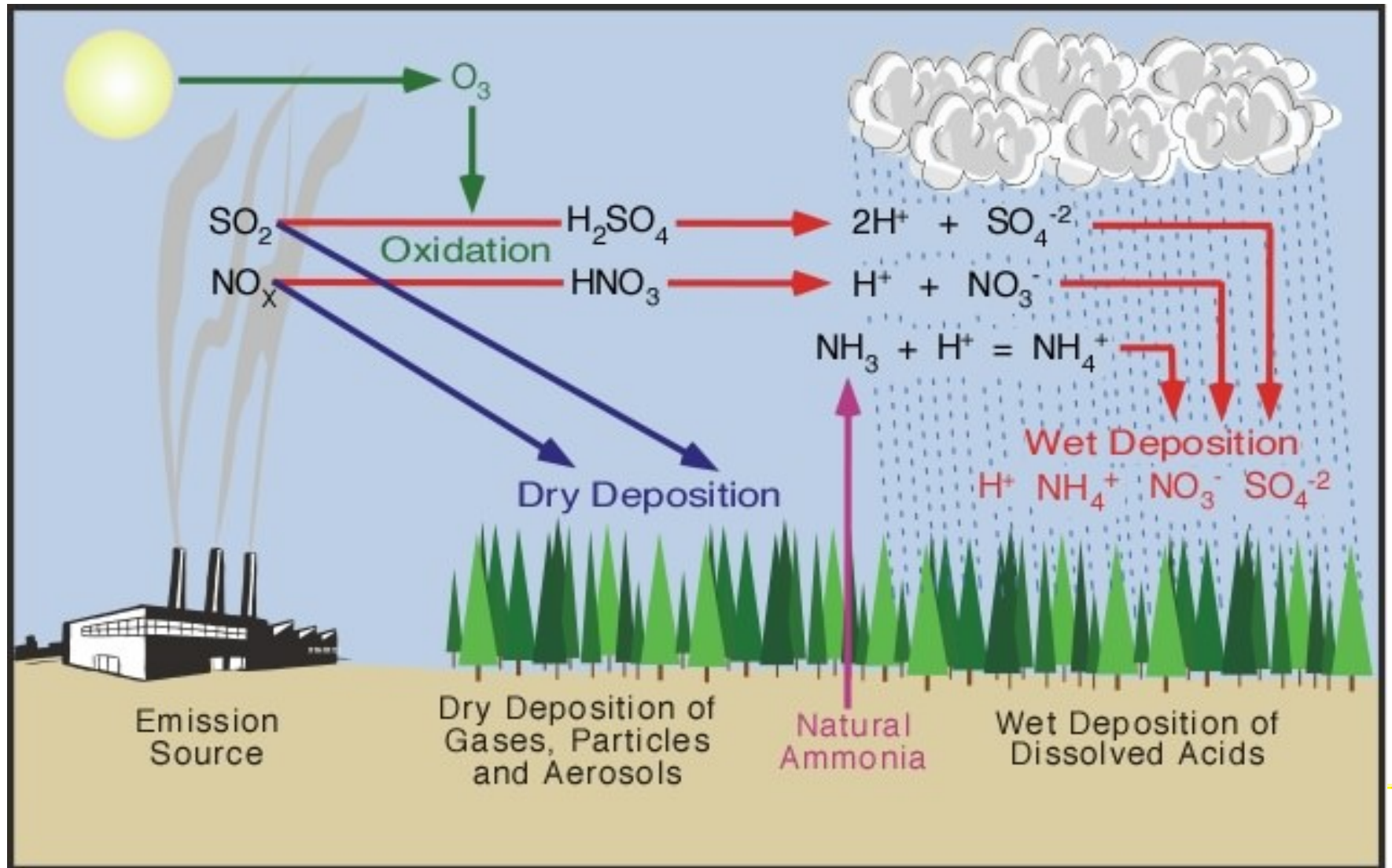
Strongly
acidic

Mildly
acidic

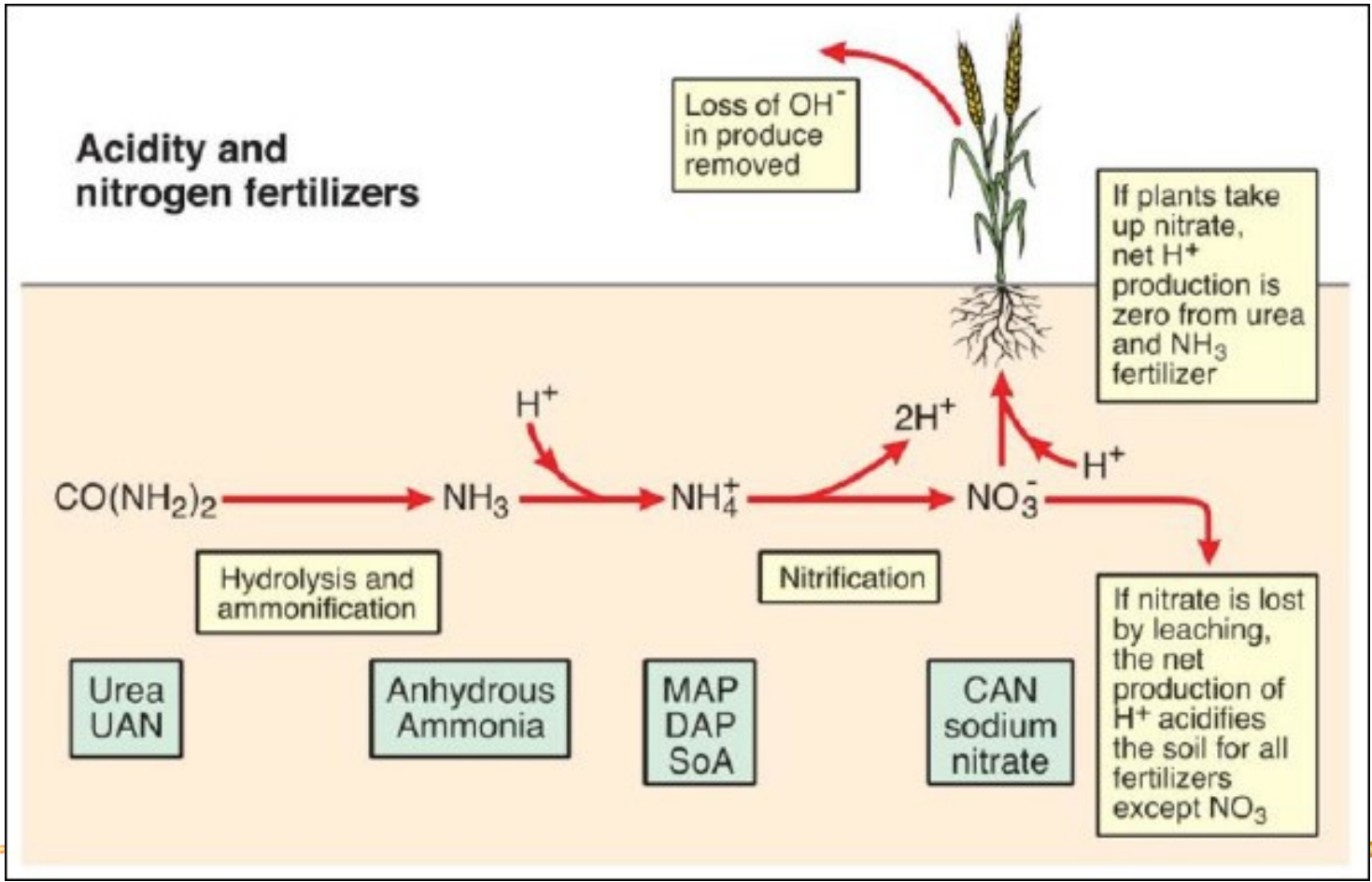
Neutral

Mildly
alkaline





Acidity and nitrogen fertilizers



•

•

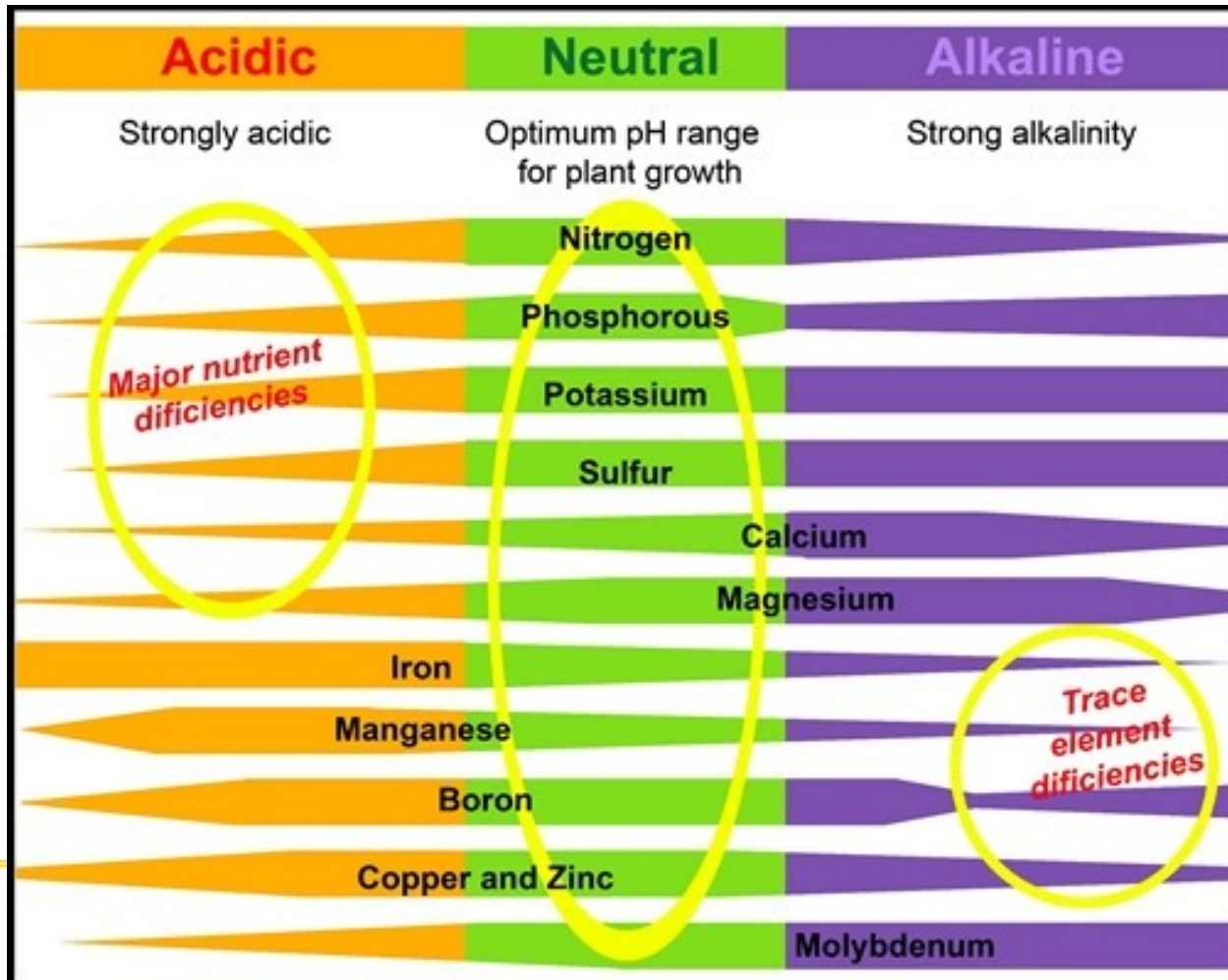
•

•

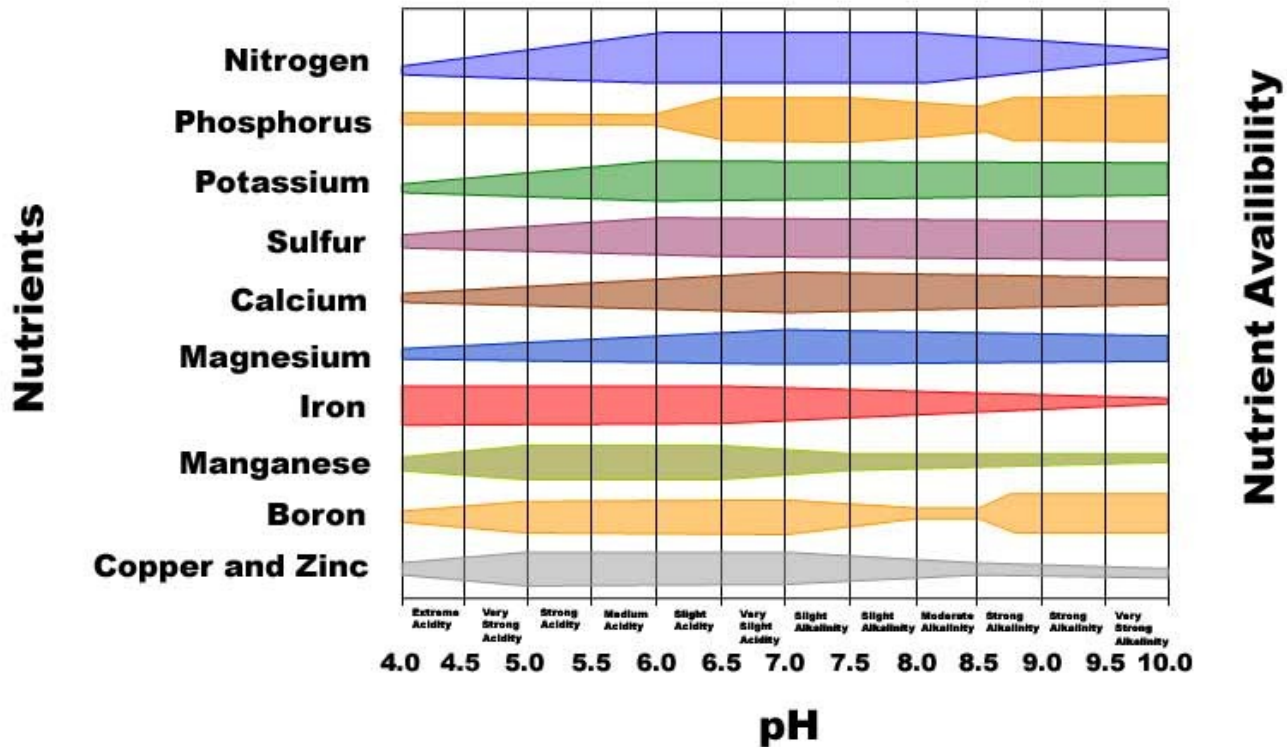
•

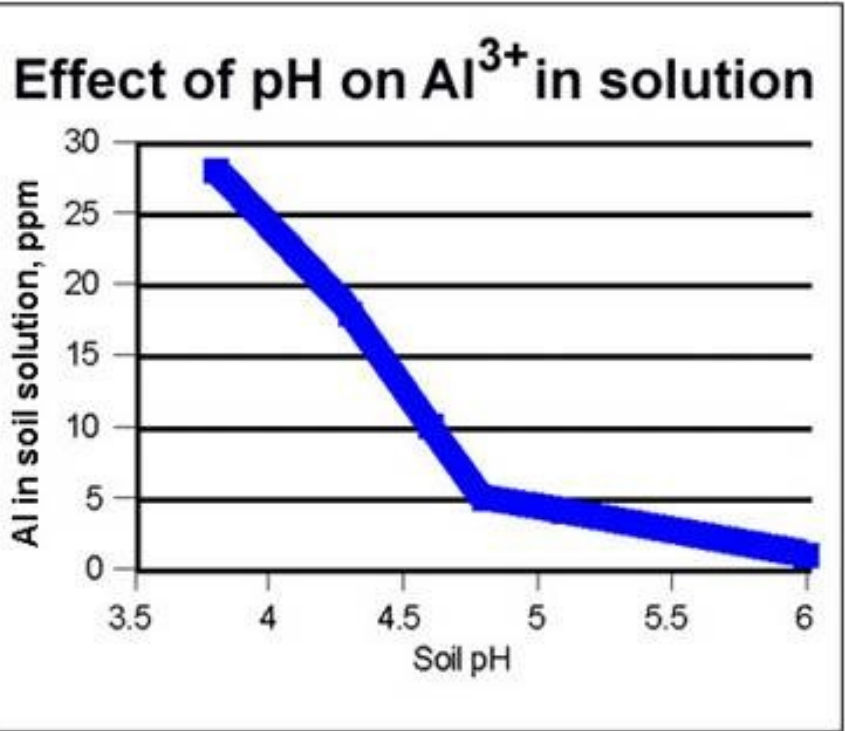
•





Influence of pH on Availability of Plant Nutrients





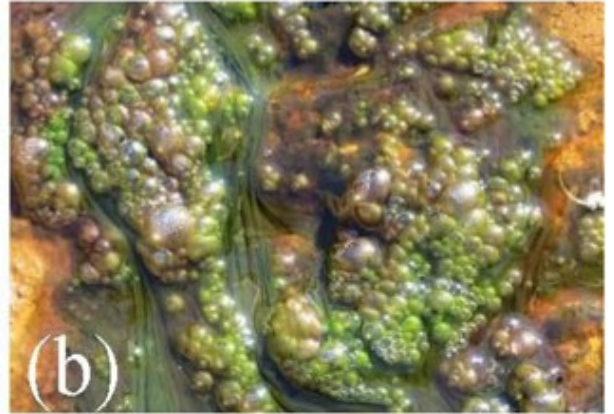




(a)



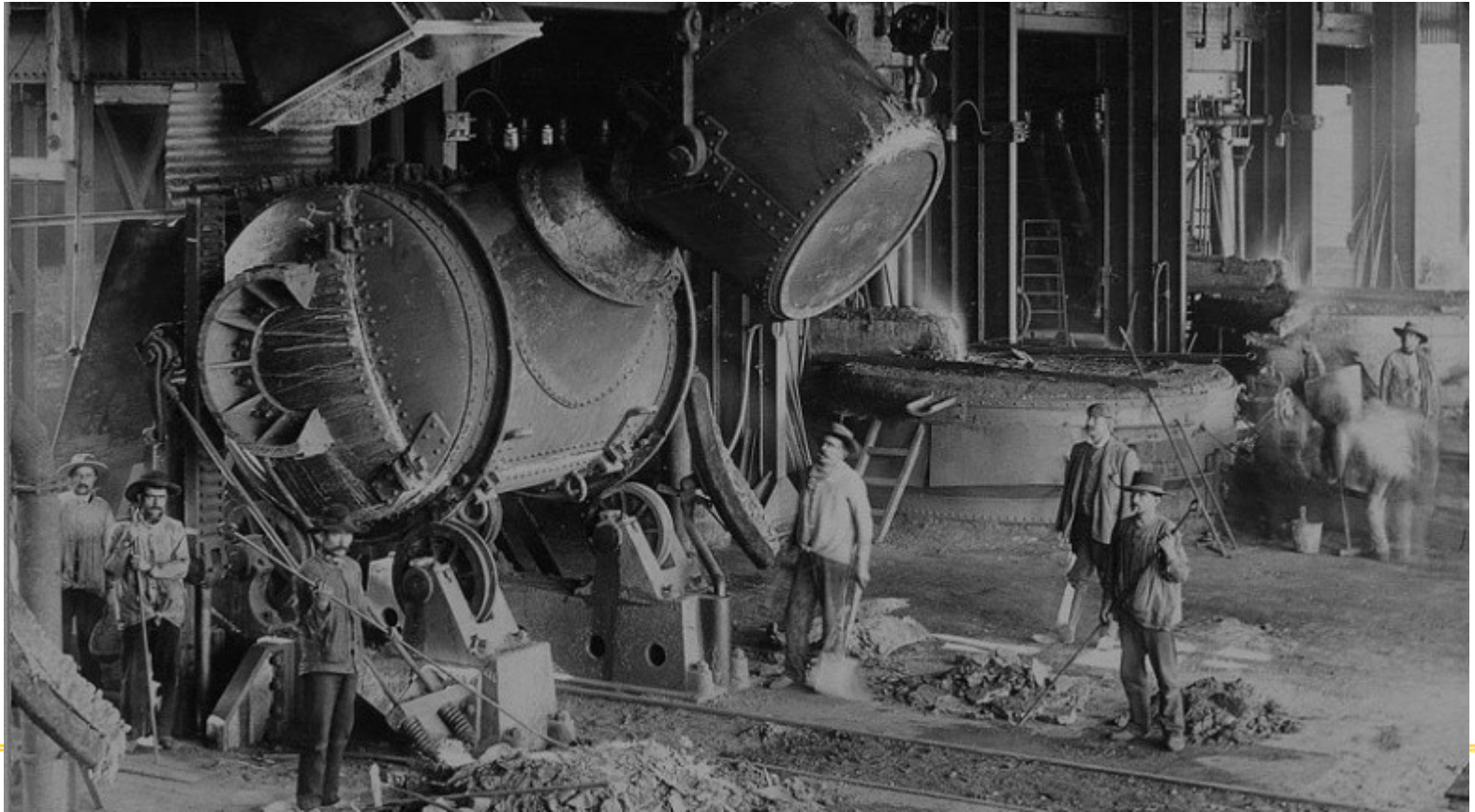
(b)



(c)









PHYSICAL MAP
of
SPAIN

English Miles
0 10 20 40 60 80 100
Geographical Miles
0 10 20 40 60 80 100
Highlands, Brown
Lowlands, Green





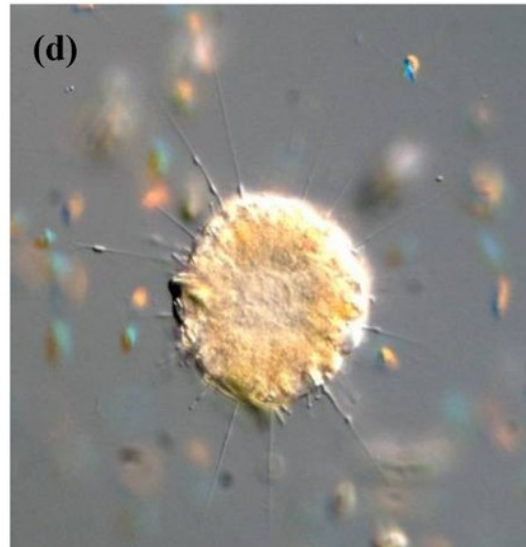
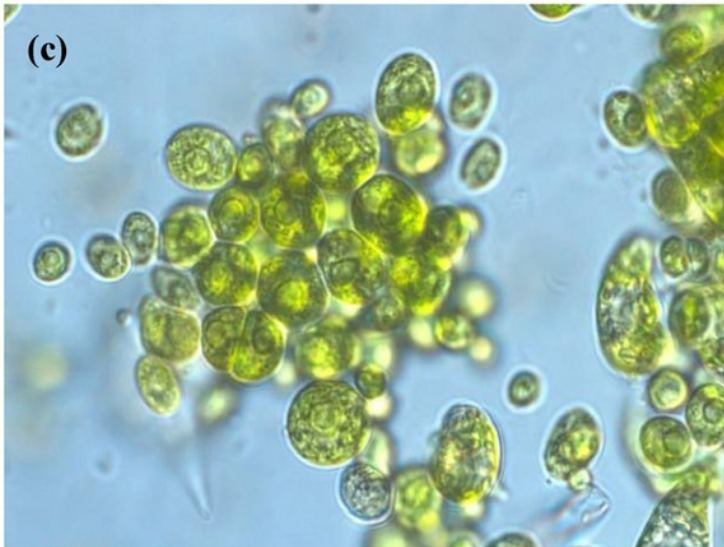
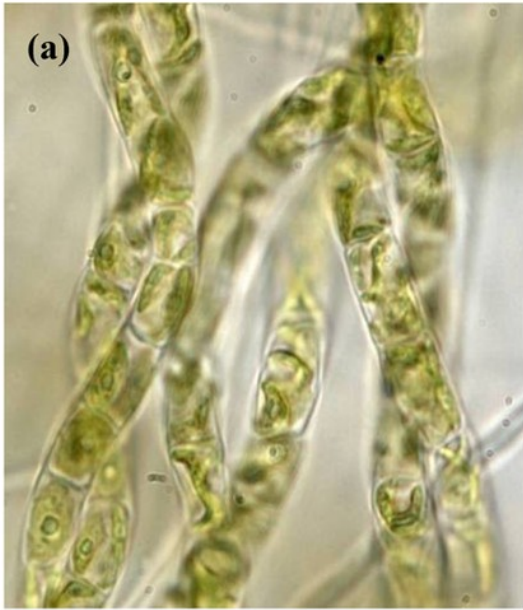


SUPER
COOL
PICS.COM

HD











Increases the amount of flowering sites



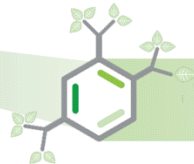
When plants begin flowering cycle, promotes growth while decreasing stretching



Increases the surface area of the foliage, and quality of plants and yield



Promotes tight nodes which produces larger flowers



Provides trace minerals directly to plant tissues through foliar feeding



Increased stem thickness allows for greater nutrient uptake







