

Common Nutrient Deficiencies in Cereals

Mark Plunkett, Teagasc, Johnstown Castle

Phosphorus (P)

P deficiency in barley shows purpling & stunting on the plant (See picture below – P / + P).



Potassium (K)

K deficiency in barley shows a paper like / bleaching on the leaf. Quite common after intensively cut grassland.



Manganese (Mn)

Mn deficiency in barley shows Interveinal browning / necrosis on the leaf.



Magnesium (Mg)

Mg deficiency in wheat shows beading of the chlorophyll / Rhyngo like symptoms on leaf edge especially in barley crops.

