

# Guide to Nutrient Deficiency Symptoms



**HEALTHY** leaves shine with a rich dark green color when adequately fed



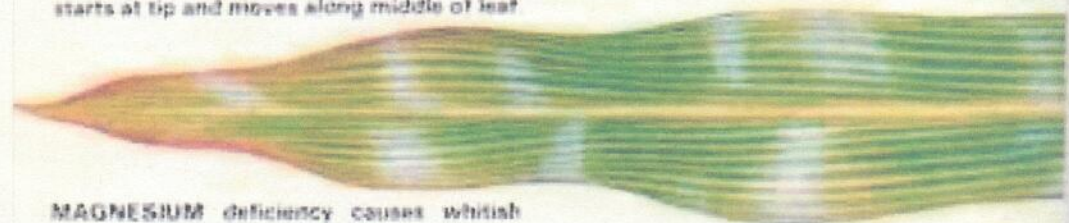
**PHOSPHATE** shortage marks leaves with reddish-purple, particularly on young plants.



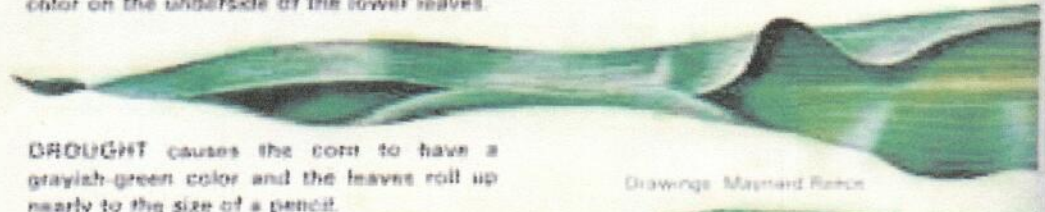
**POTASH** deficiency appears as a firm or drying along the tips and edges of lowest leaves.



**NITROGEN** hunger sign is yellowing that starts at tip and moves along middle of leaf.



**MAGNESIUM** deficiency causes whitish strips along the veins and often a purplish color on the underside of the lower leaves.

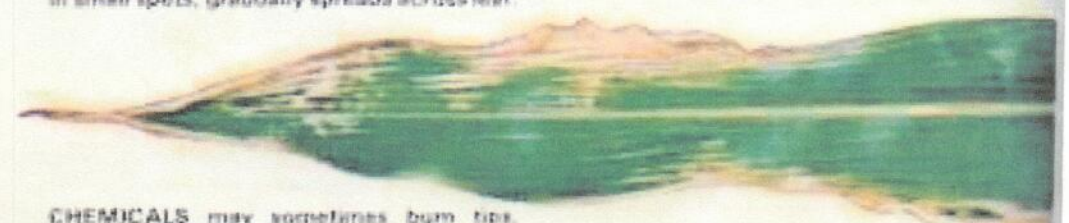


**DROUGHT** causes the corn to have a grayish-green color and the leaves roll up nearly to the size of a pencil.

Drawings: Maynard Reick



**DISEASE**, *helminthosporium* blight, starts in small spots, gradually spreads across leaf.



**CHEMICALS** may sometimes burn tips, edges of leaves and at other contacts. Tissue dies, leaf becomes whitecap.