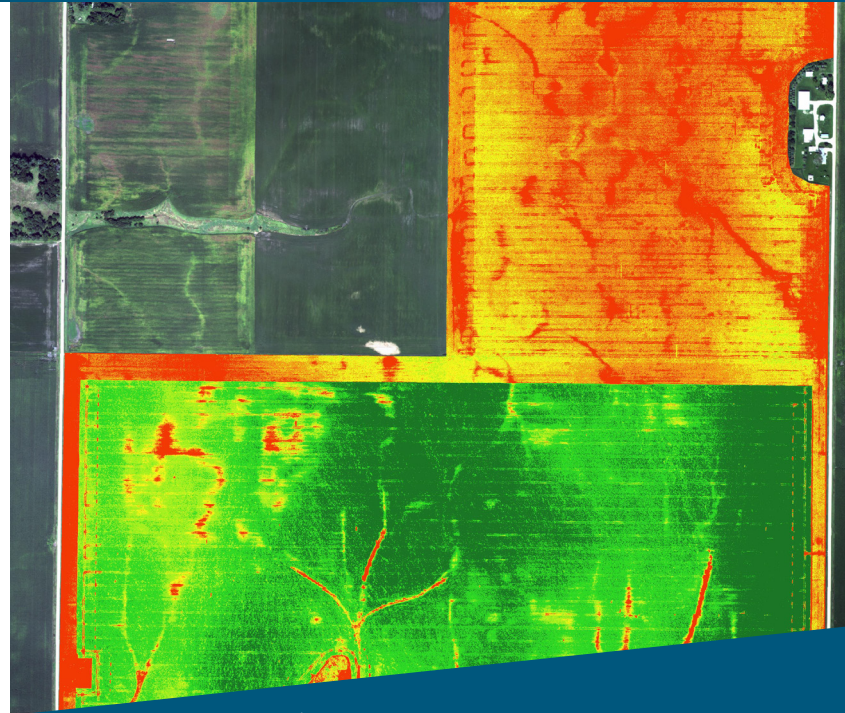


Nebraska Precision Ag Center for Excellence



# Learn About... NDVI

NDVI stands for normalized difference vegetation index (Rouse et al., 1973) and takes advantage of the fact that healthier green vegetation has higher near infrared reflectance and lower red reflectance. It is written as:  $NDVI = (NIR - red) / (NIR + red)$ , where NIR and red are both reflectance values. NDVI has probably been used more than any other index.

