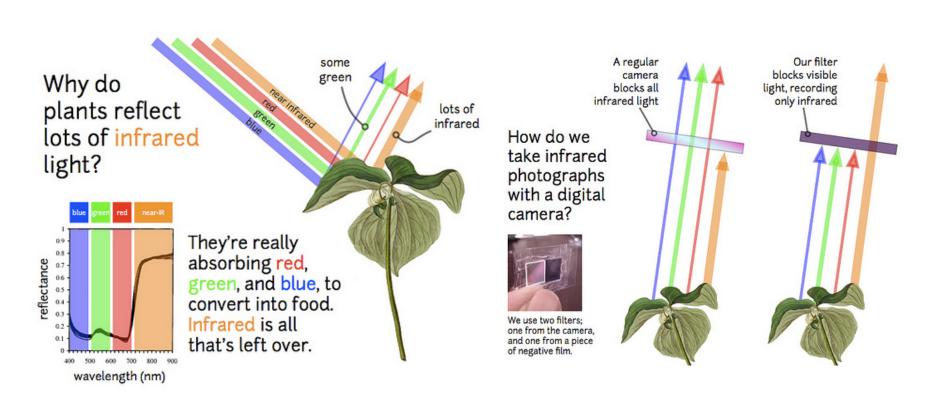
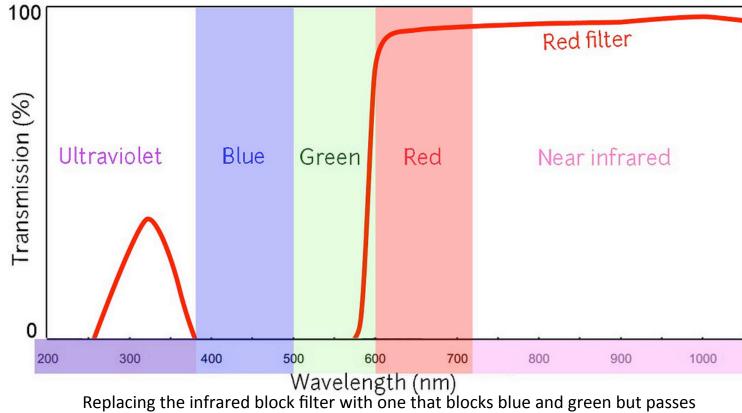
## DIY Near Infrared Photography for Studying Plants



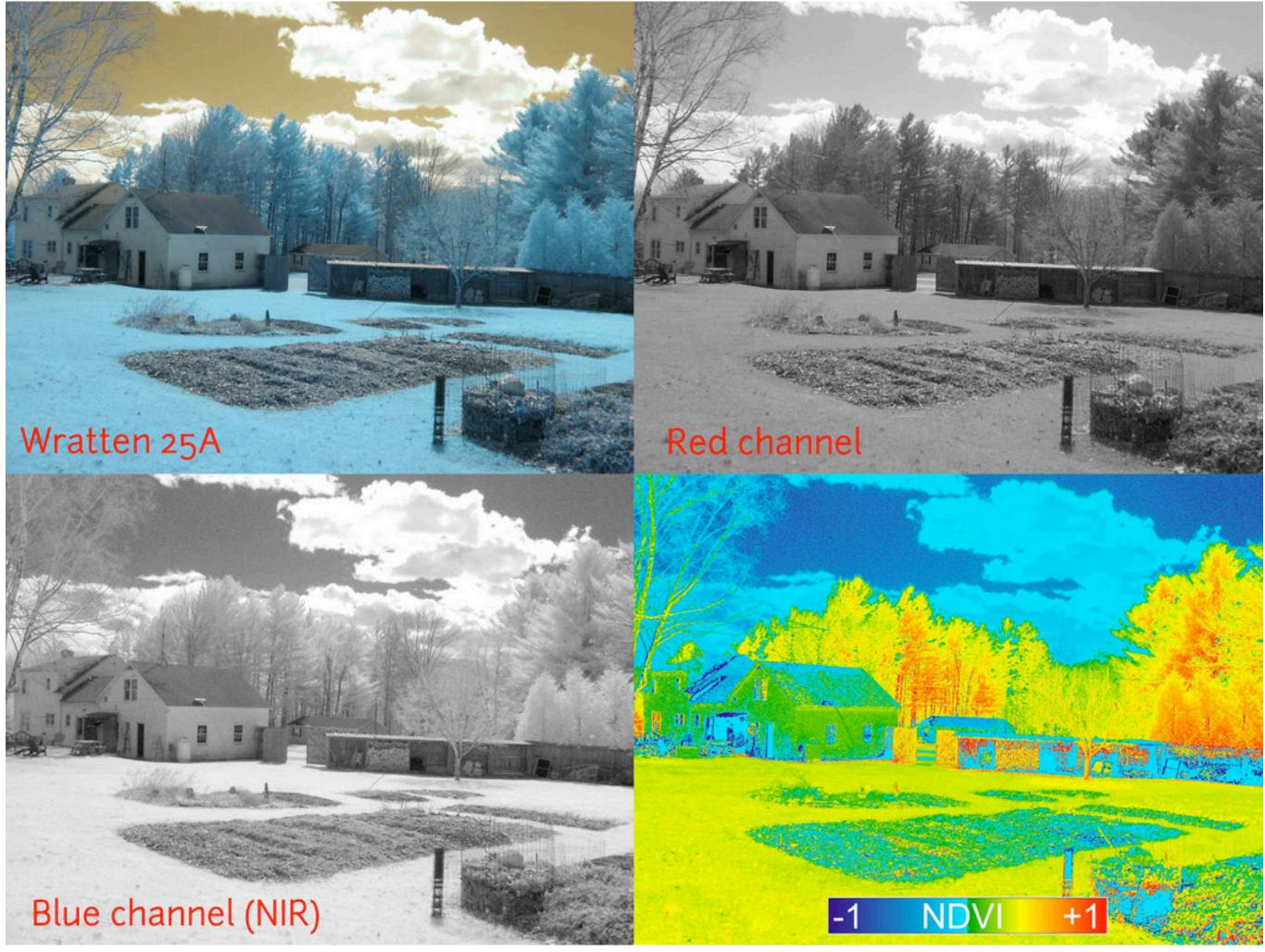




red and infrared allows photos that highlight plant health.









Taking a picture with a super-blue, near infrared camera shows all of the photosynthesizing plants in bright yellow. You can see how much the brown seaweed on this shoreline is photosynthesizing in the bottom picture. It appears yellow because, like the green plants, it's reflecting a lot of infrared light. This shows that, just like the green plants which we recognize easily as photosynthesizing, this seaweed is too.

A super-red Infragram photo (upper left), the isolated red and blue channels from that photo, and Normalized Difference Vegetation Index (NDVI) computed from those two channels (lower right). Values for NDVI of healthy plants are usually between 0.1 and 0.9.

