

INFRARED PHOTOGRAPHS OF COLUMBIA BASIN AREA
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Basically all pictures in this series were taken from 4-5000 feet approximately 11:00 a.m. to 1:00 p.m. All fields we have photographed from the South looking North so any person checking the field from a photograph could stay oriented.

On this series our exposure was a little light on infrared. Our regular color photos were almost right. We used both regular color film and infrared to see how much more we could determine from an infrared photo in comparison to color. The infrared did show defects in the field more clearly even to the inexperienced observer.

This was taken in early August and purely experimental.

Our purpose for the photos is to determine if infrared will be of assistance to our field personnel in monitoring the results of our spray operation. As acreages become larger it is increasingly more difficult for field men to cover the ground adequately.

In the future we will be looking for early signs of stress which may be Blight, Mildew, insects or other diseases or problems that could be overlooked from ground level.

In general from our experimental work we do believe with more effort and increased training the photos will be of value to our own field force and also to the customer in increased efficiency, better timing of applications and possibly fewer applications for the farmer.

Some of our early problems have been, a source to develop the film in a short period of time. Film sent out and received a week later was of no value to us due to the elapsed time between the picture being taken and compared to the field. We now have a source that gives us 24 hr. service, so we can look at the picture and compare it with the field before the condition of the field changes due to aging - disease or just natural growth.