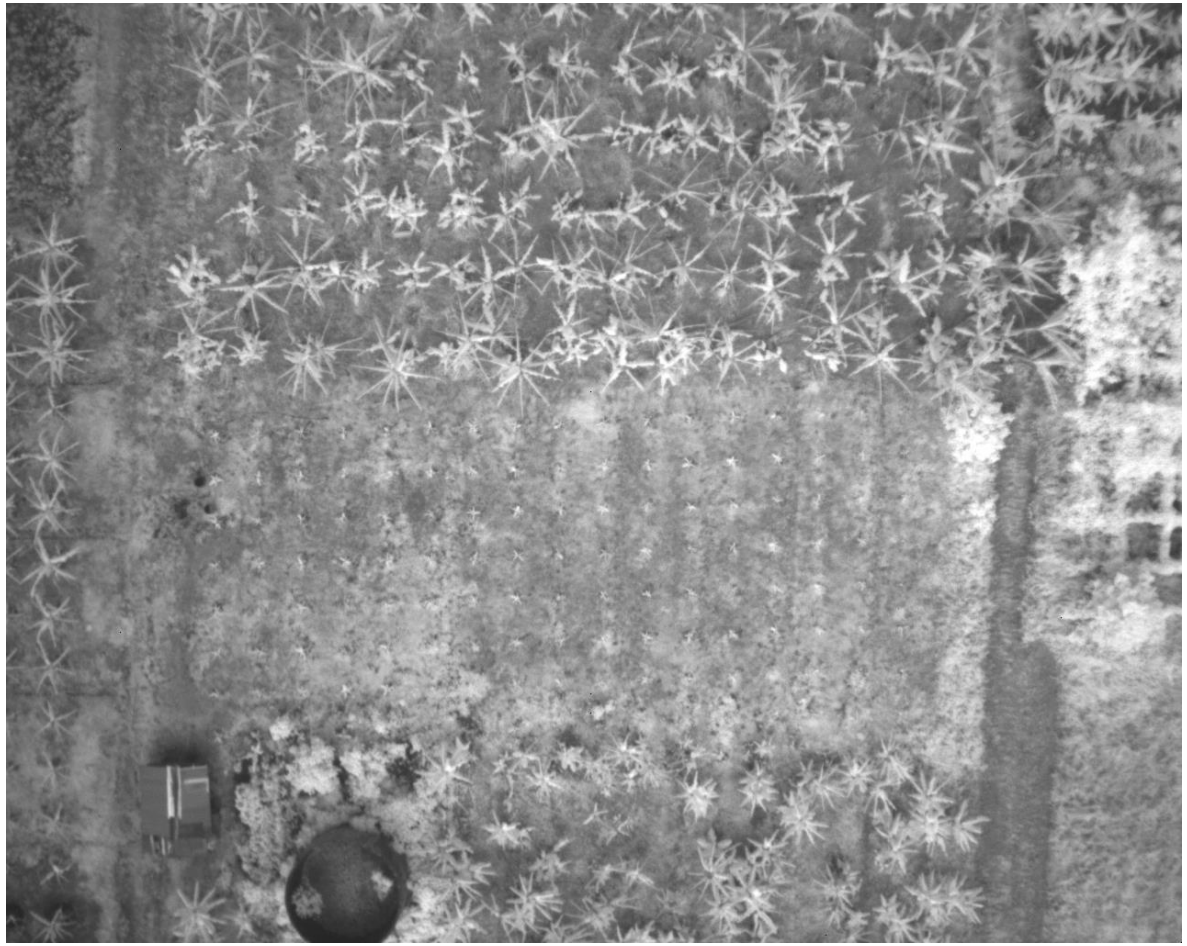
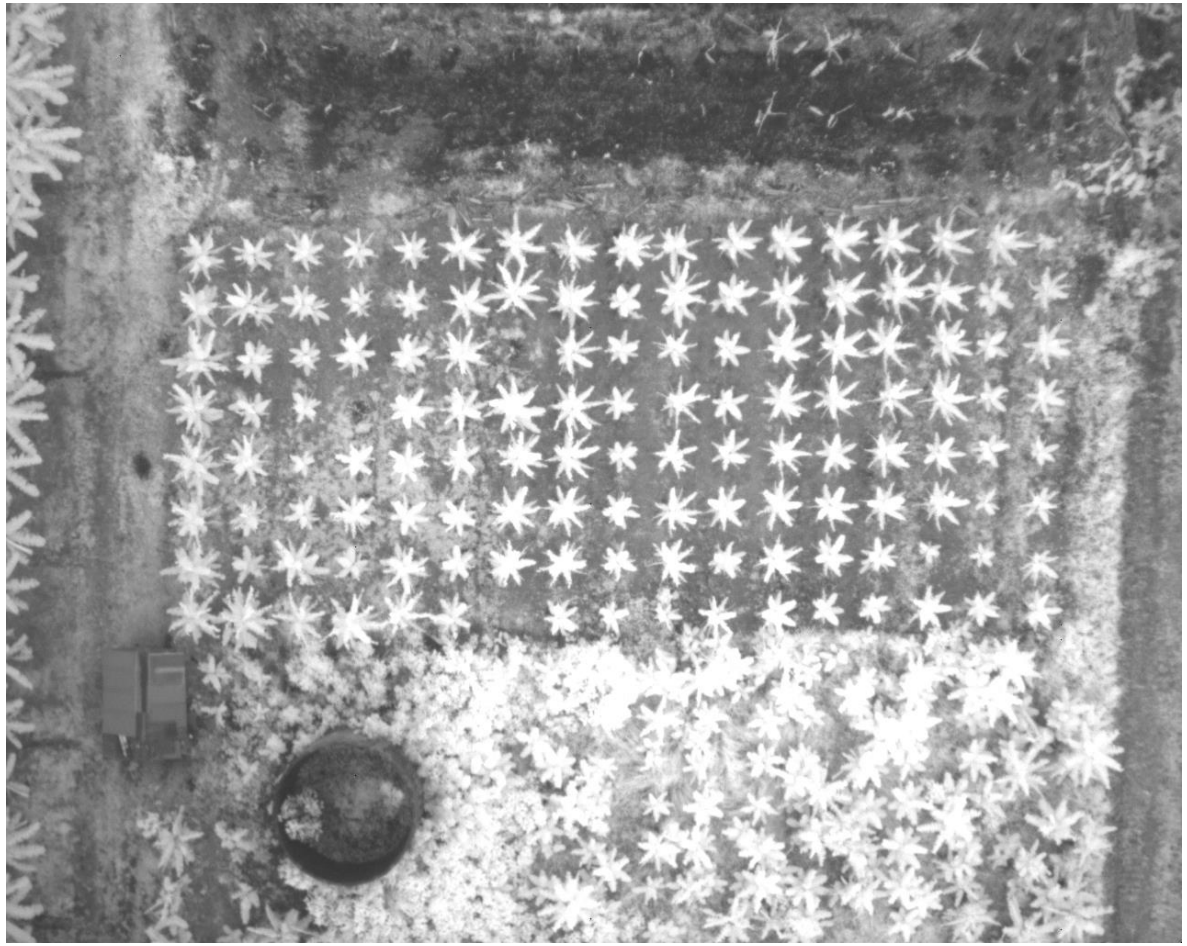
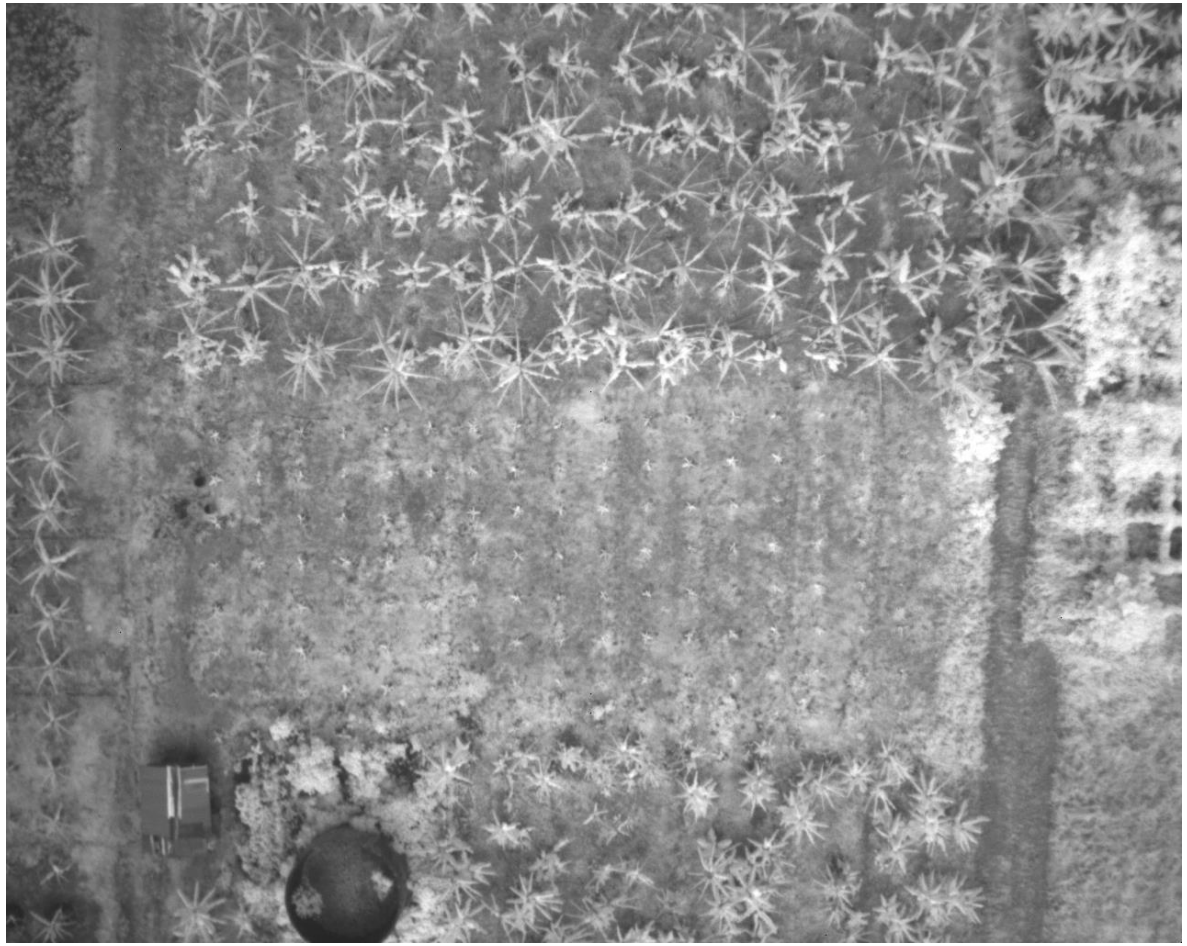
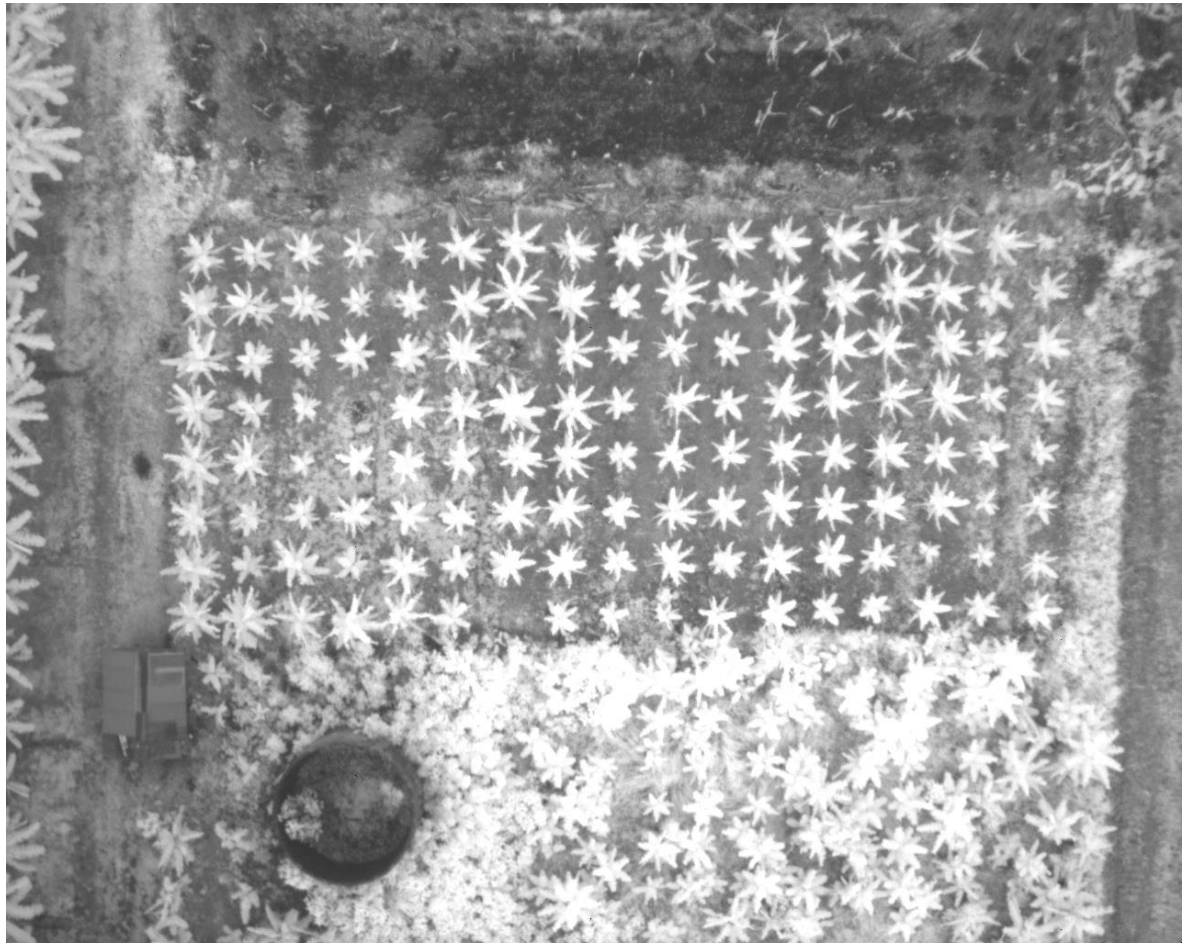


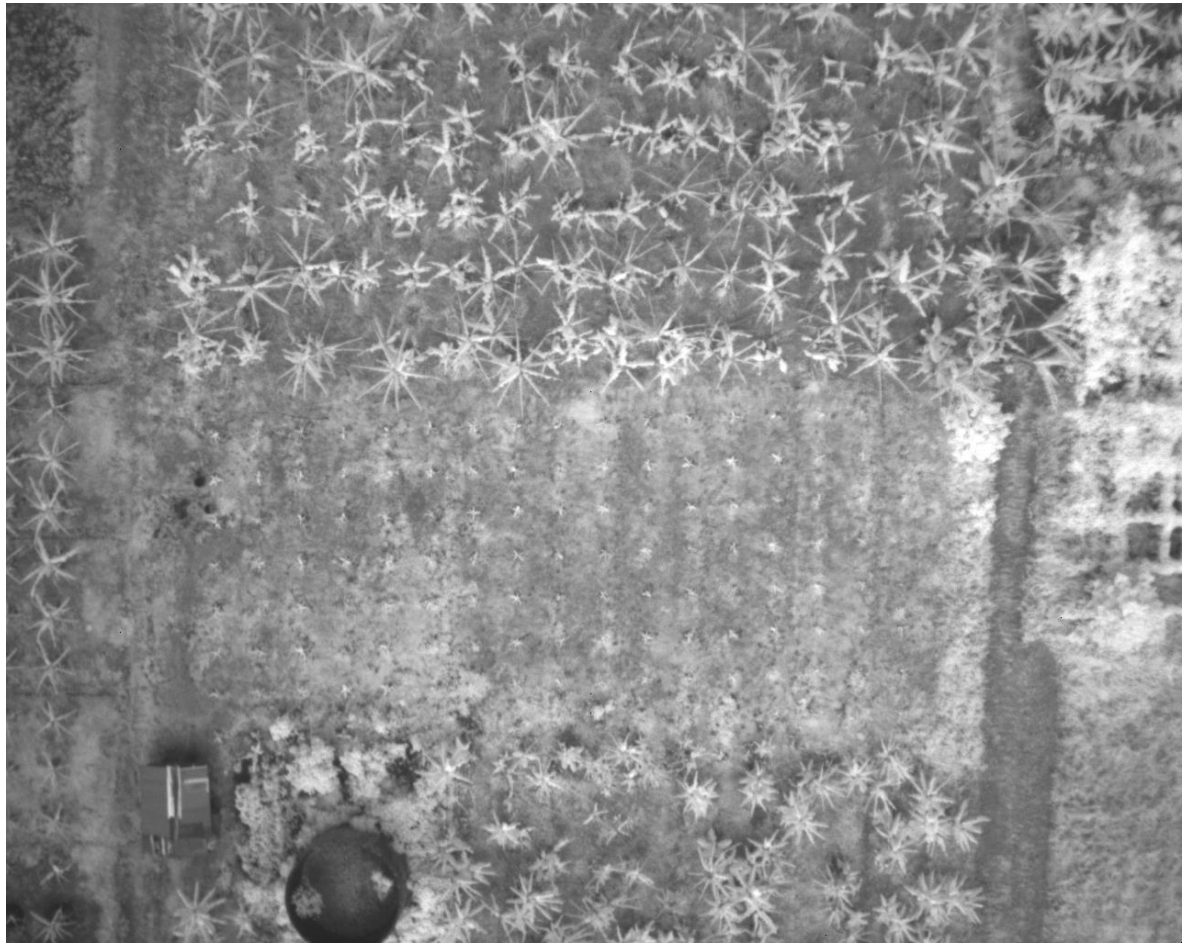


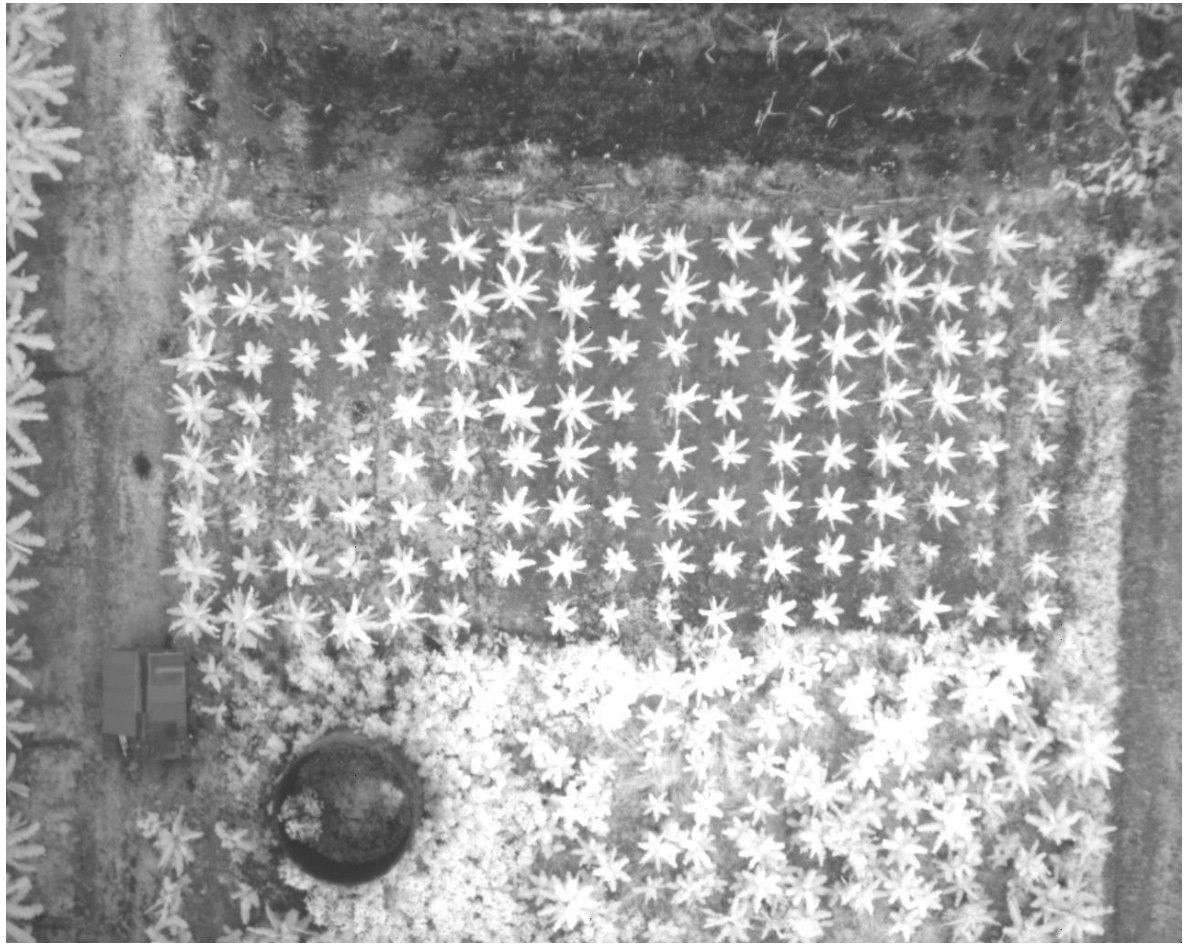
These are images of same banana plantation taken at different times.
Left: October 2018
Right: July 2019



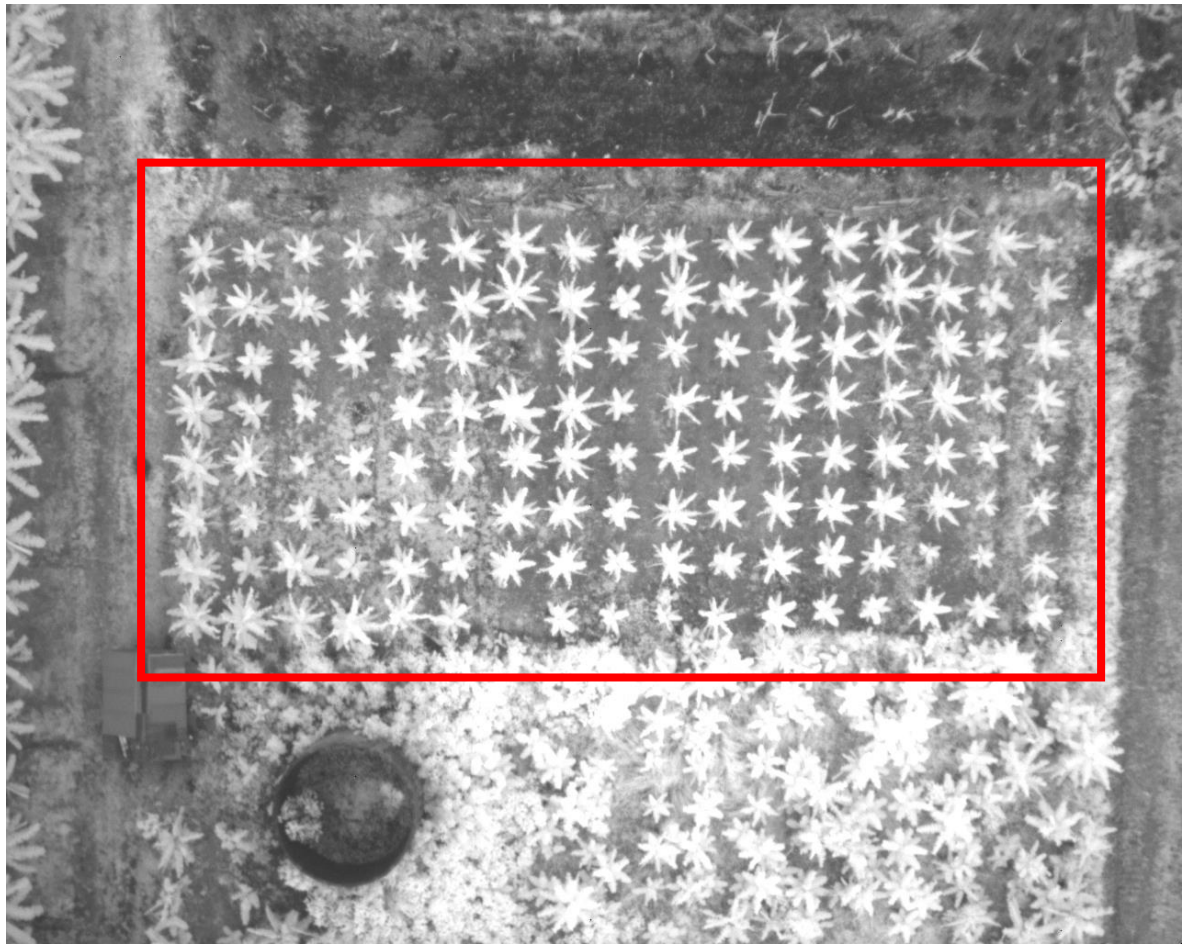


The two images are captured at almost the same altitude. Almost, kasi, as you can see, mas malapit yung right image which means lower altitude.

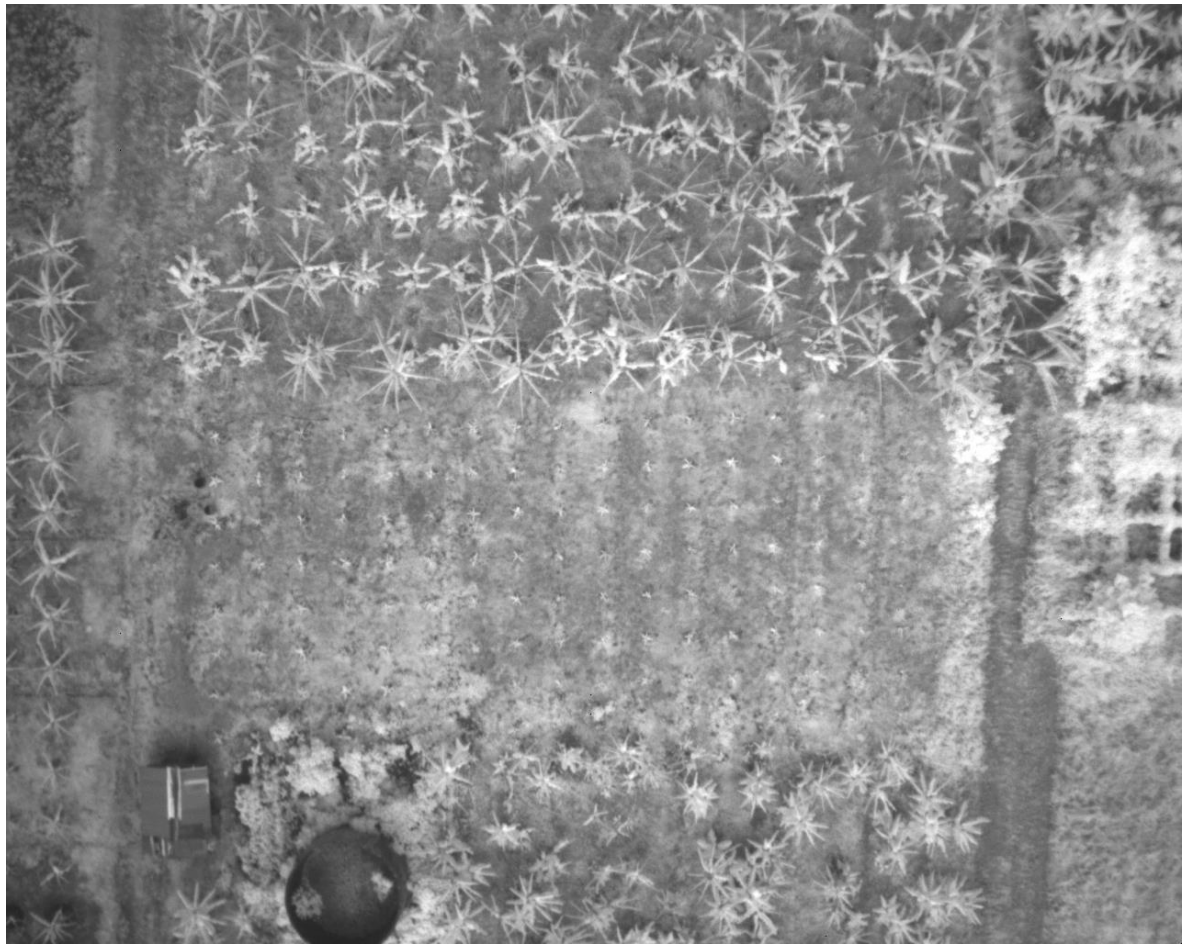




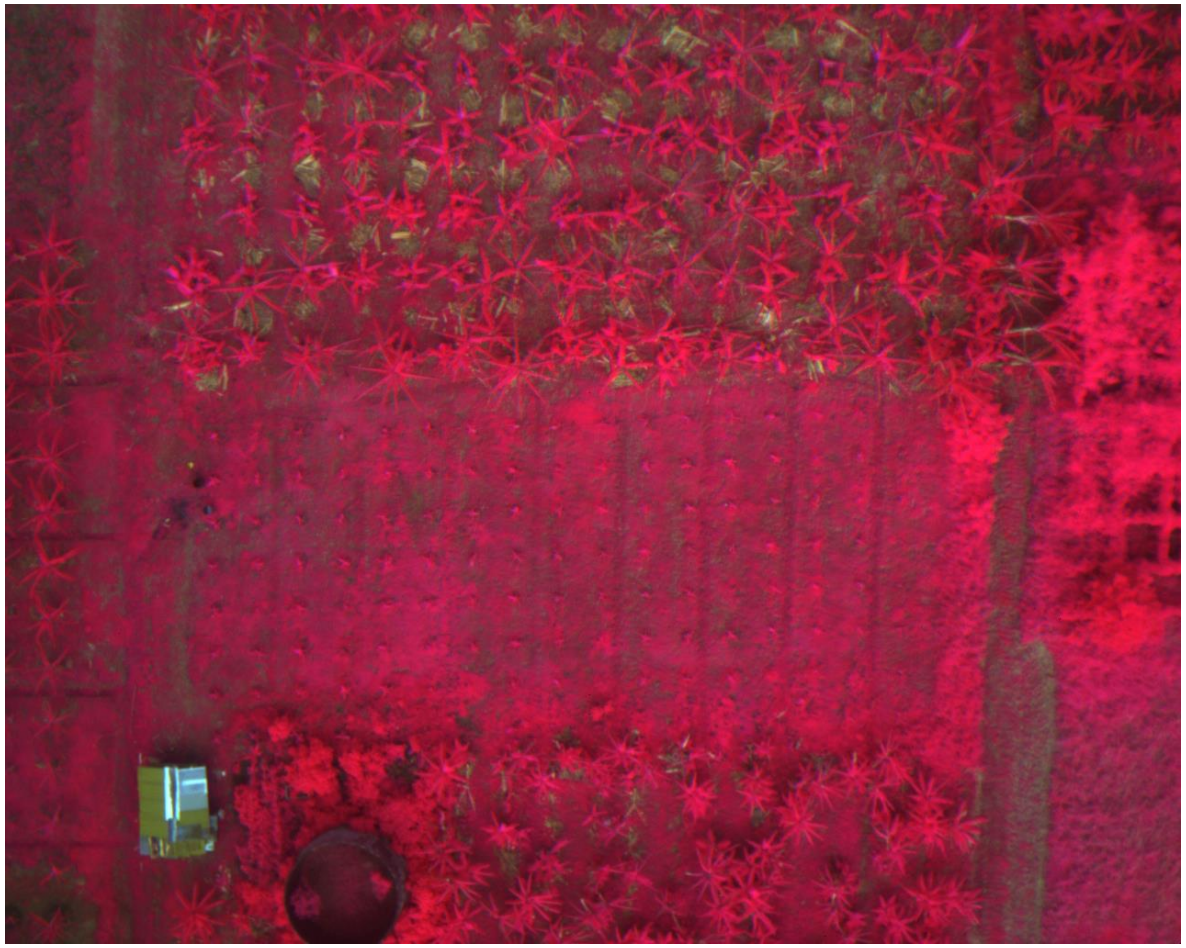
If we’re gonna apply the created filter, it must fit with all the monthly images.

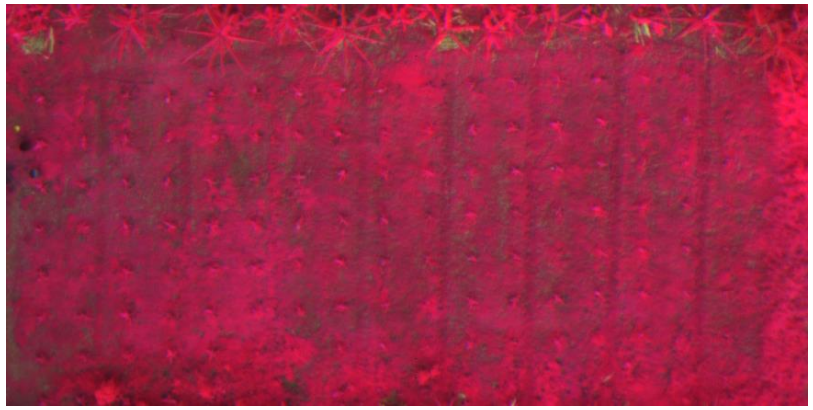


Suggested solution is to crop the images into this rectangular mark. Then resize all cropped images into one same size.



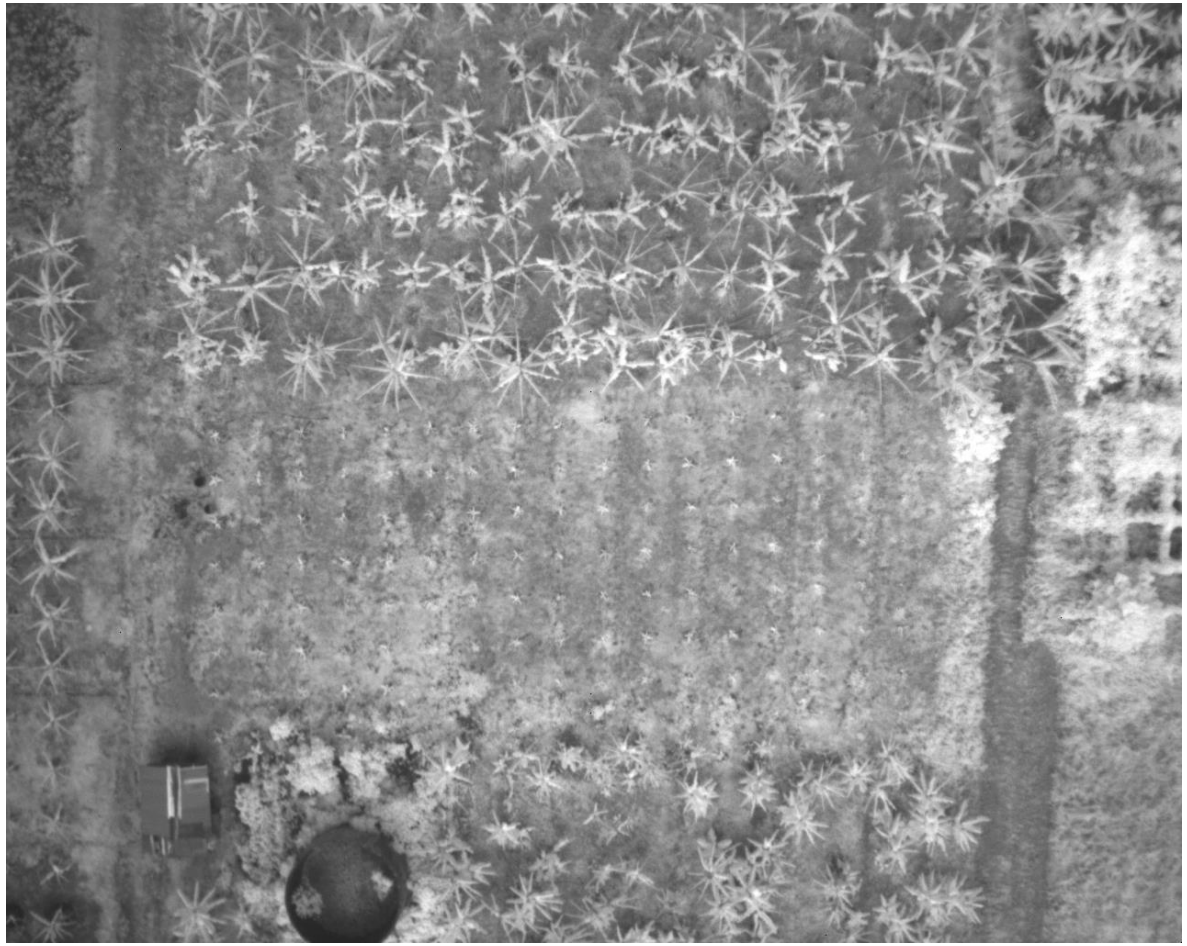
This image will be the base image for filtering because this is the image with most visible planting point of each banana.

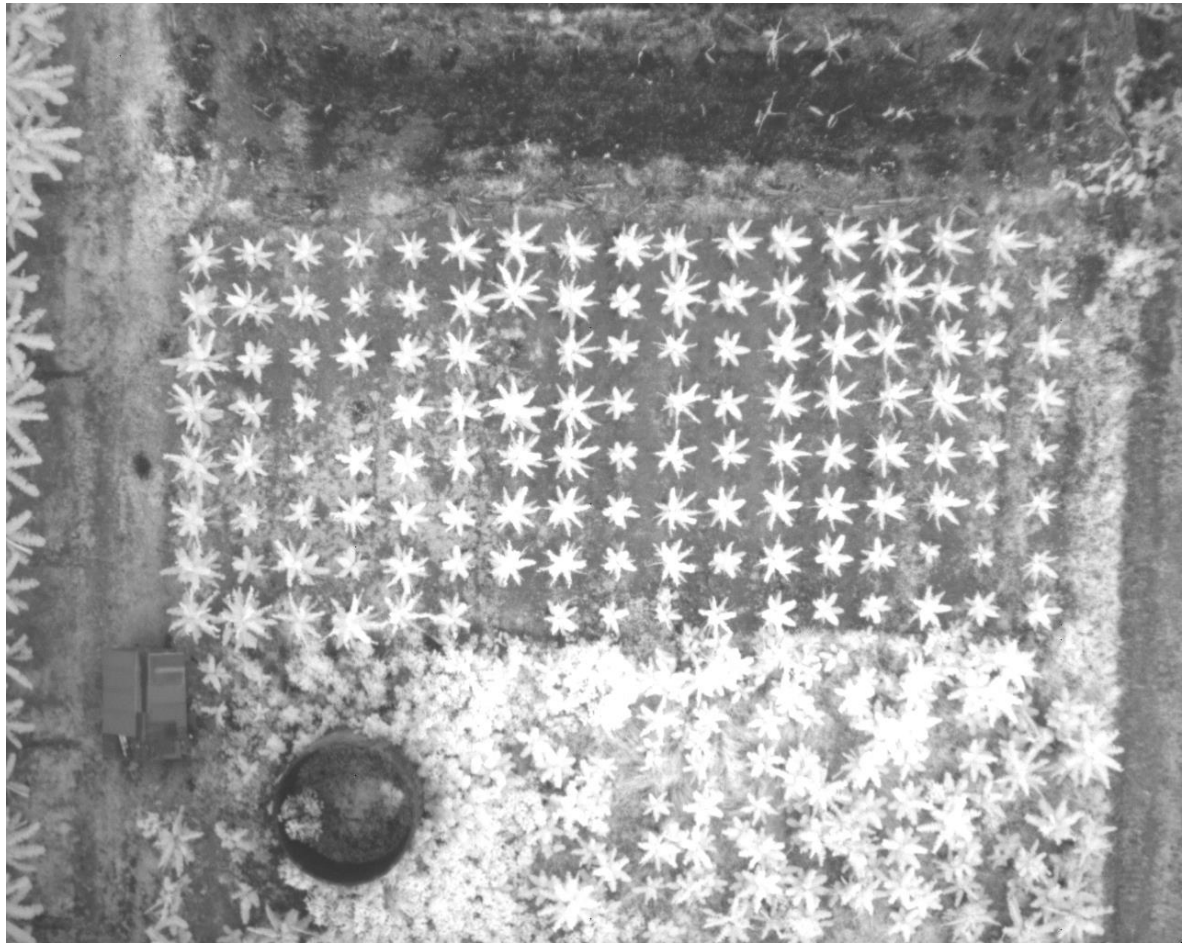




Can be seen clearly on this false-colored image. Let’s call this “base image”

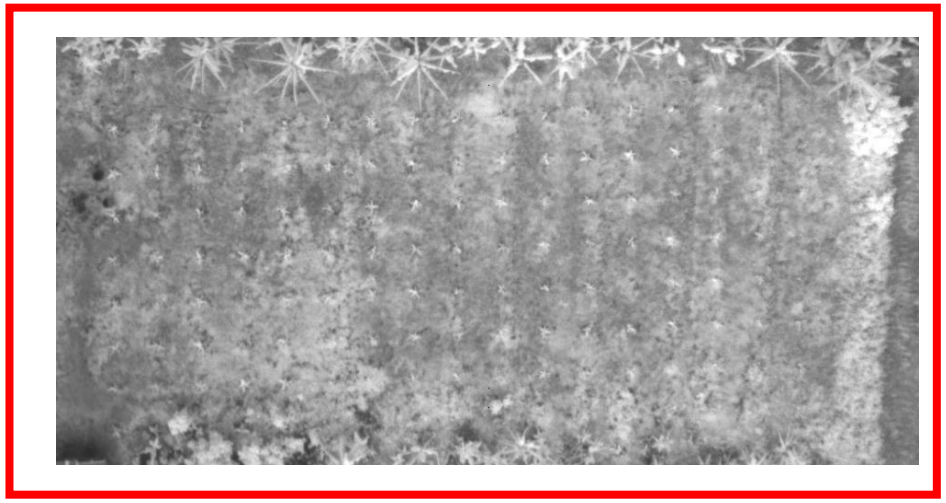
Cropped base image. Filter image’s squares should be pinned on these dots of young bananas. Then can be size-adjusted for the growth of bananas.

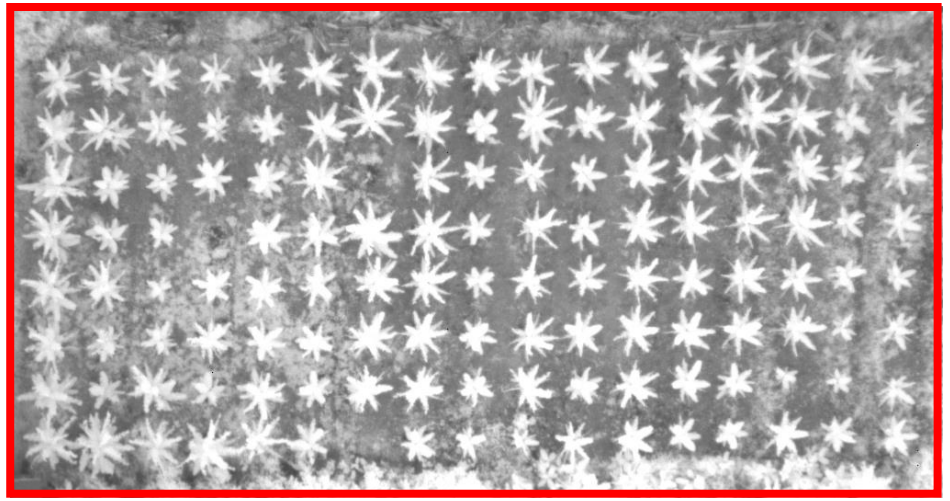




Again, if we're gonna apply the created filter, it must fit with all the monthly images.

The problem is they're are of the same size and position. So I guess, let us just crop these images (retaining only the part with banana subjects) so that position won't be a problem anymore.





As you can see, size is still a problem. Again, this is due to altitude differences.

Suggested solution: The filter image's size can be adjusted to the resolution of the image to be processed. Then everything will automatically adjust (position of squares) after inputting the needed pixel dimensions.

Pwede po ba to?

Please do note that filtered images should also be allowed to be processed in the “Vegetation index map” option.

//Cropping and resizing can be done using photoshop. But if you include it in the program, it will be much appreciated.//

Thank you!!