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LAMPIRAN

Lampiran 1 Program deteksi penyakit Cercospora pada daun sagu

```

1 - |clc;
2 - |clear;
3 - |close all;
4 - |warning off all
5 - |workingDir = 'F:\DOWNLOAD\tester\code video ke foto\';
6 - |outputVideo = VideoWriter(fullfile(workingDir, 'jarak 9 meter.avi'));
7 - |outputVideo.FrameRate = 32;
8 - |open(outputVideo)
9 -
10 - |filename = strcat(workingDir, 'testo9.mp4'); %membuka file video
11 - |mov = VideoReader(filename); %fungsi untuk membaca file video di matlab
12 - |% opFolder = fullfile(cd, 'Screenshot (304)_2'); %membuat direktori dengan nama :
13 - |%
14 - |% if ~exist(opFolder, 'dir')
15 - |%     mkdir(opFolder);
16 - |% end
17 - |%
18 - |numFrames = 300; %menghitung banyak frame
19 - |% numFramesWritten=0;
20 -
21 - |for t = 1:numFrames
22 - |%     currFrame = read(mov,t);
23 - |%     opBaseFileName = sprintf('%3.3d.png',t);
24 - |%     opFullFileName = fullfile(opFolder, opBaseFileName);
25 - |%     imwrite(currFrame, opFullFileName, 'jpg'); %menyimpan frame dengan format
26 - |%     progIndication = sprintf('Wrote frame %4d of %d.', t, numFrames);
27 - |%     disp(progIndication);
28 - |%     numFramesWritten = numFramesWritten + 1;
29 - |% end

```



[illegible]

```
closinga
= strel('diamond',3);
= imclose(bw,sa);
```



```

80 -     bw1 = imclose(bw,sa);
81 -     %
82 -
83 -     bw3 = bwareaopen(bw1,400);
84 -
85 -
86 -     [B,L] = bwboundaries(bw3,'noholes'); %menampilkan boundarie kuning pada
87 -     f8 = figure('visible','off'); imshow(RGB);
88 -     hold on
89 -     for k = 1:length(B)
90 -         boundary = B{k};
91 -         plot(boundary(:,2), boundary(:,1), 'r', 'LineWidth', 2)
92 -     end
93 -     hold off
94 -
95 -
96 -
97 -
98 -     F = getframe(f8);
99 -     [X, Map] = frame2im(F);
100 -     writeVideo(outputVideo,X)
101 - end
102 -     close(outputVideo)

```

Lampiran 2 Data input berupa 9 video dengan masing-masing tinggi yang berbeda



Lampiran 3 Data output berupa 9 video dengan masing-masing tinggi yang berbeda



Lampiran 4 Data input 21 Meter



Lampiran 5 Data input 22 Meter

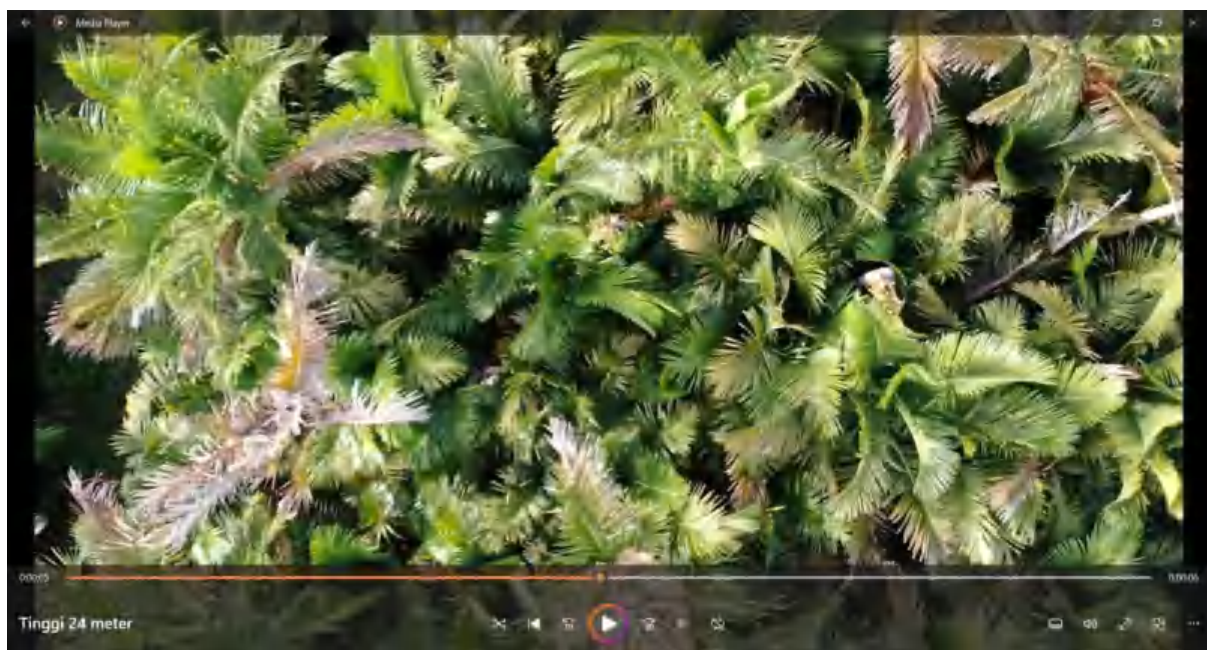


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Lampiran 6 Data input 23 Meter



Lampiran 7 Data input 24 Meter



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Lampiran 8 Data input 25 Meter



Lampiran 9 Data input 26 Meter

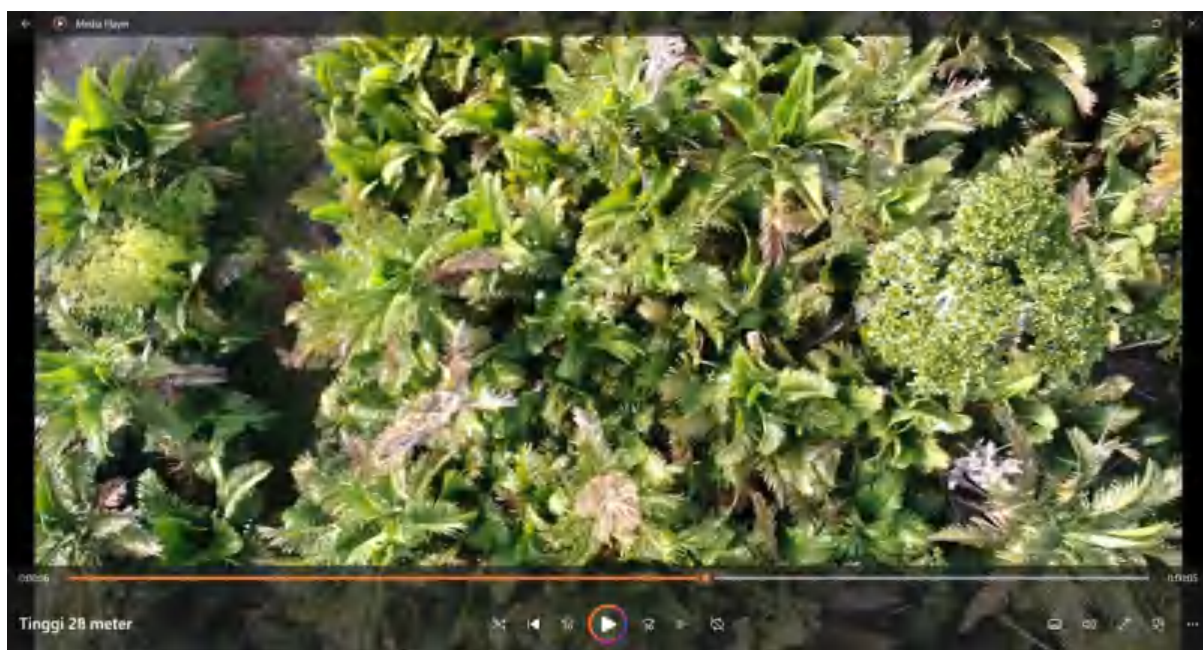


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Lampiran 10 Data input 27 Meter



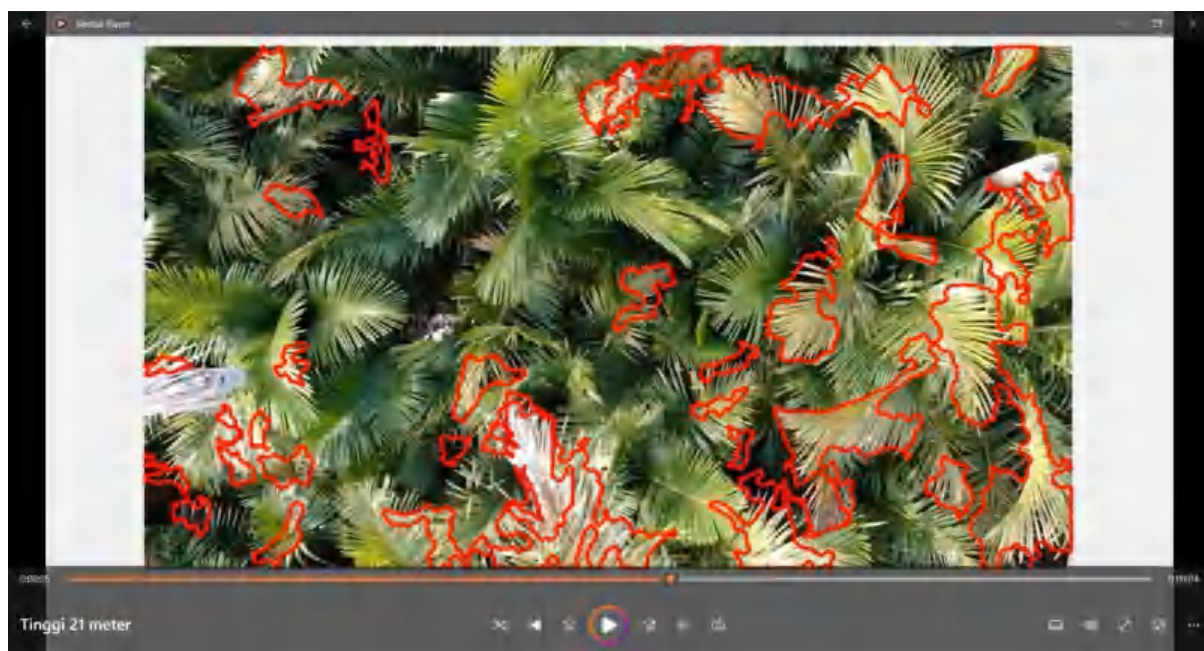
Lampiran 11 Data input 28 Meter



Lampiran 12 Data input 29 Meter

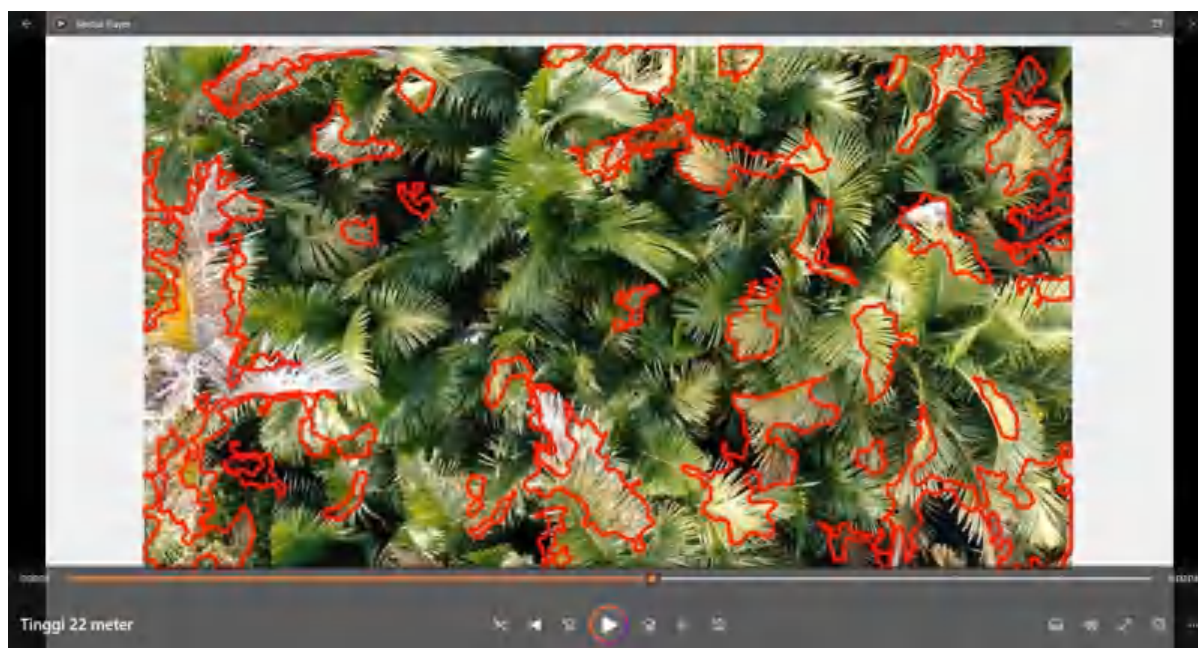


Lampiran 13 Data output 21 Meter

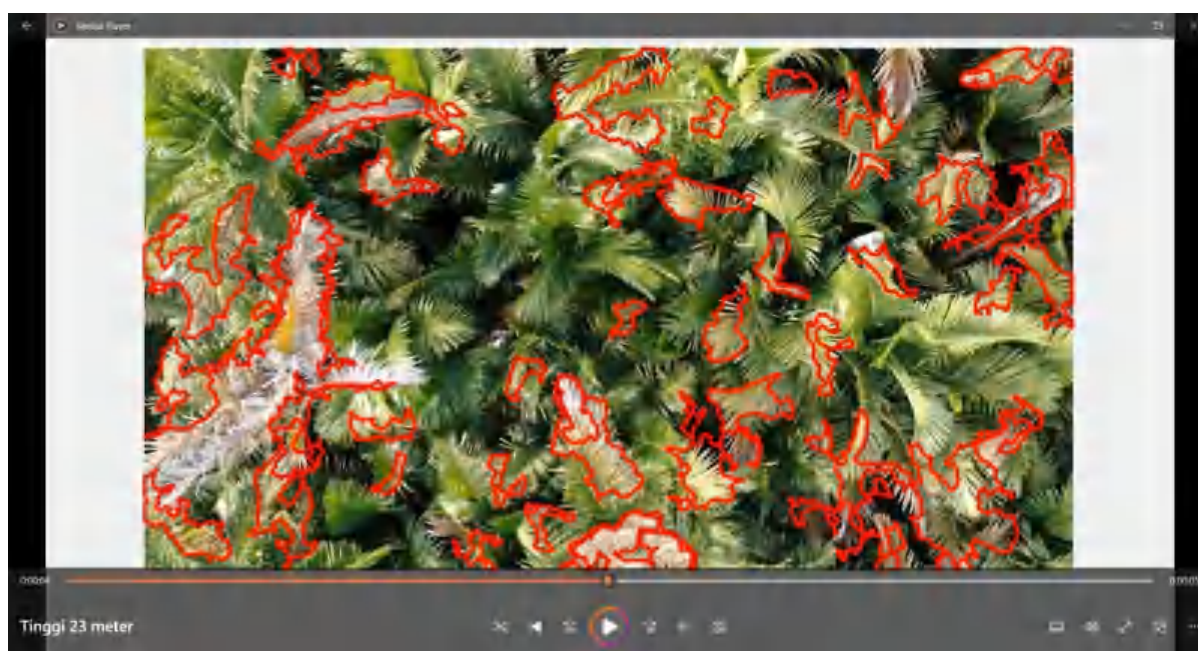


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Lampiran 14 Data output 22 Meter

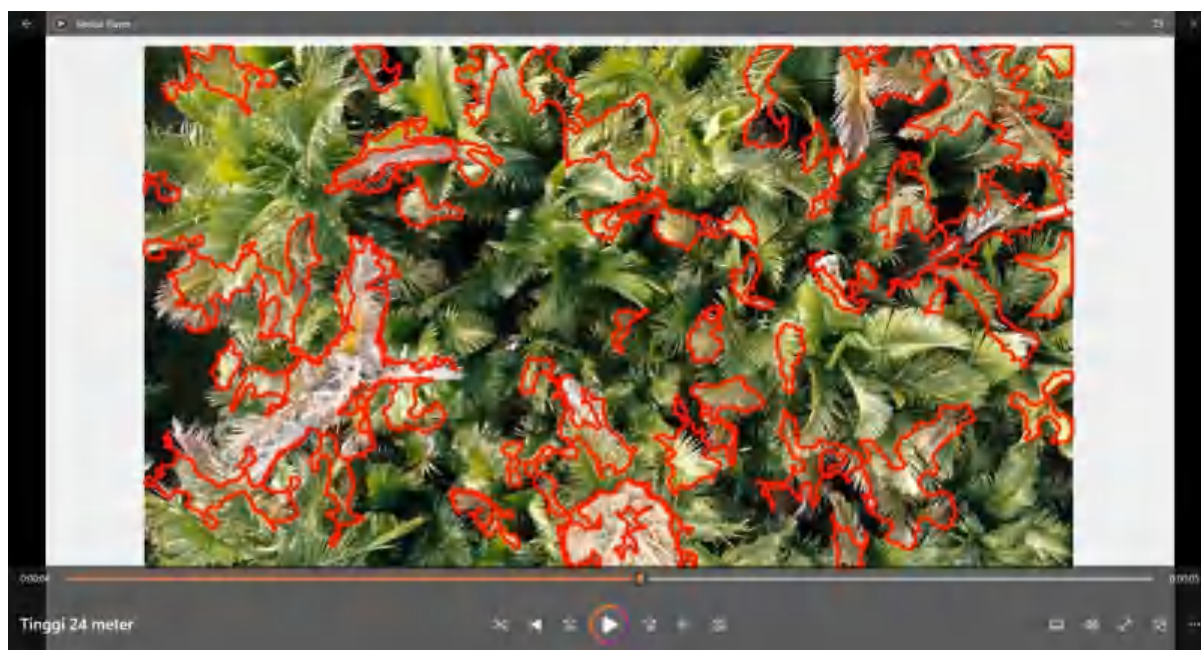


Lampiran 15 Data output 23 Meter

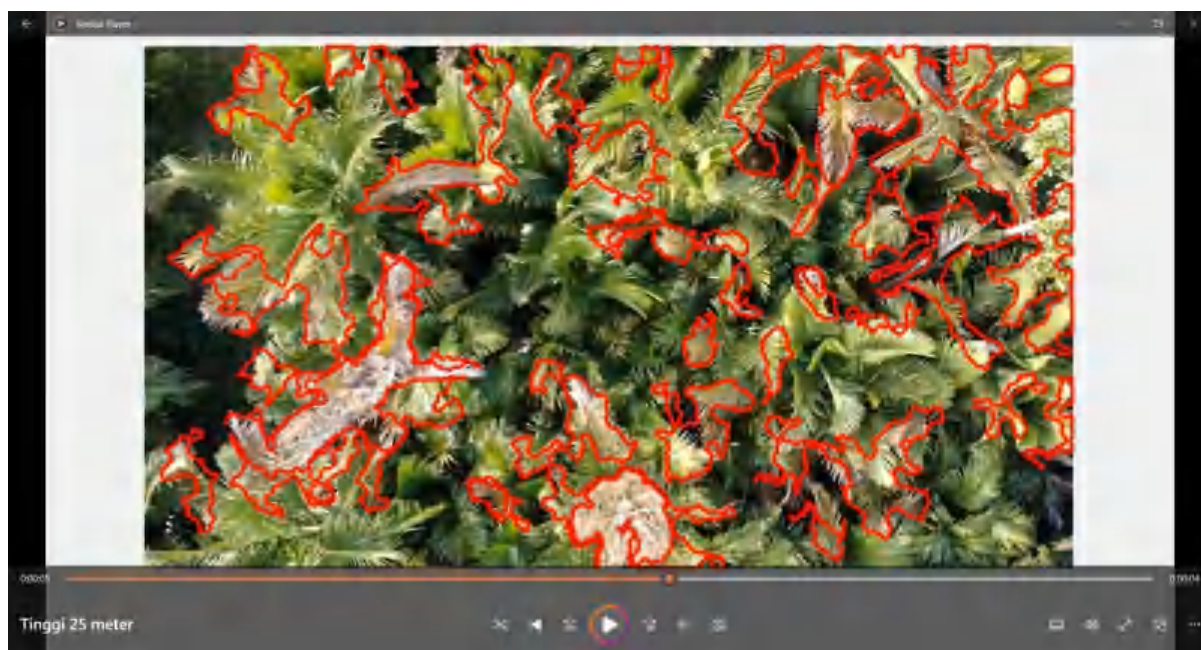


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Lampiran 16 Data output 24 Meter

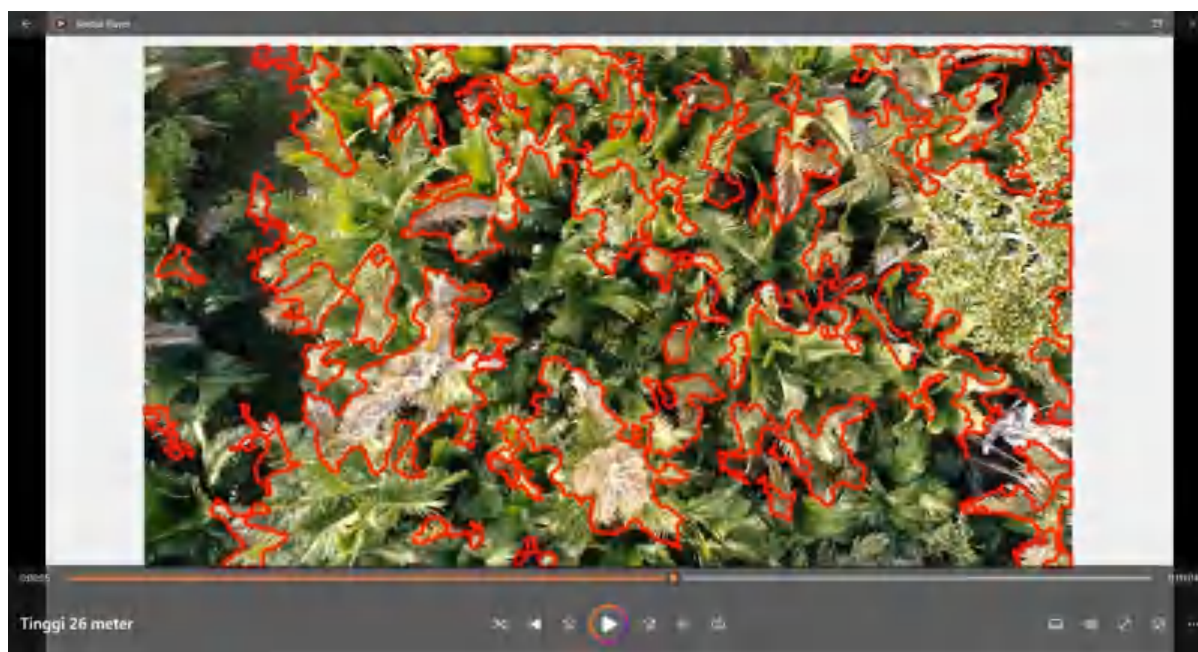


Lampiran 17 Data output 25 Meter

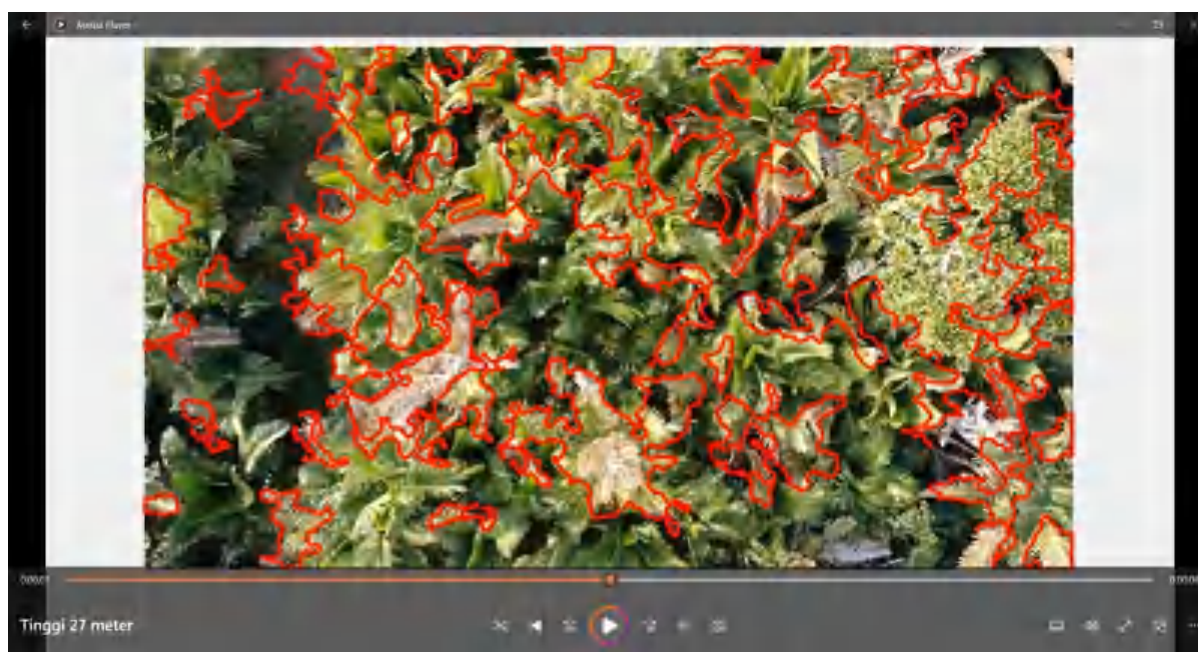


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Lampiran 18 Data output 26 Meter

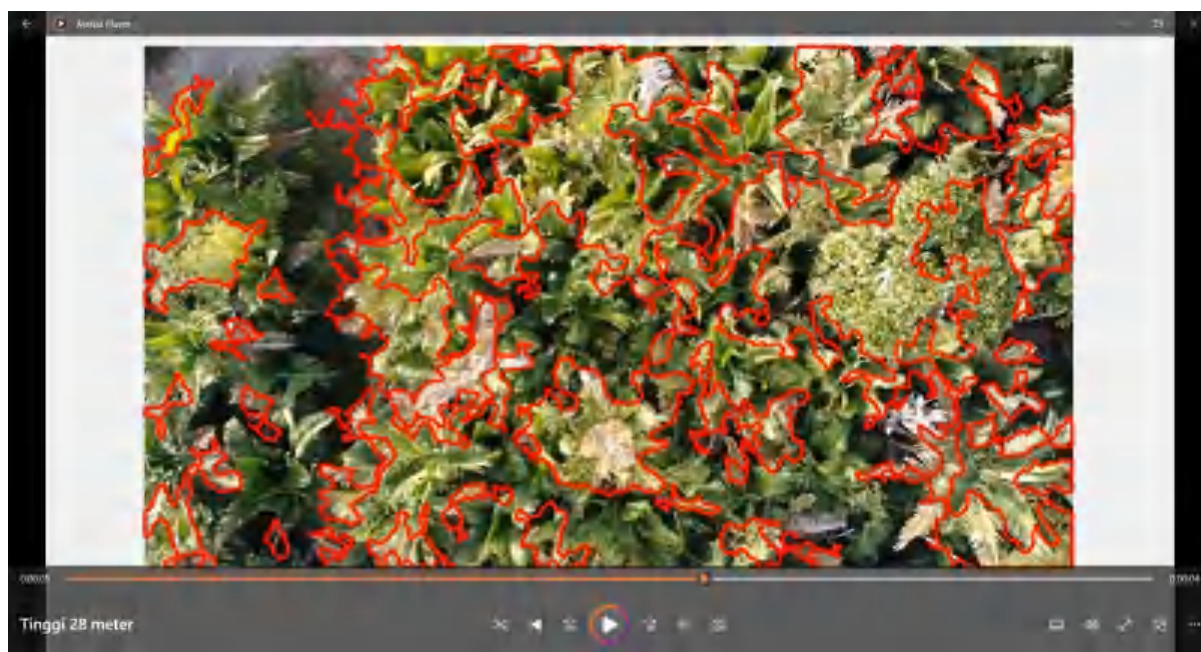


Lampiran 19 Data output 27 Meter

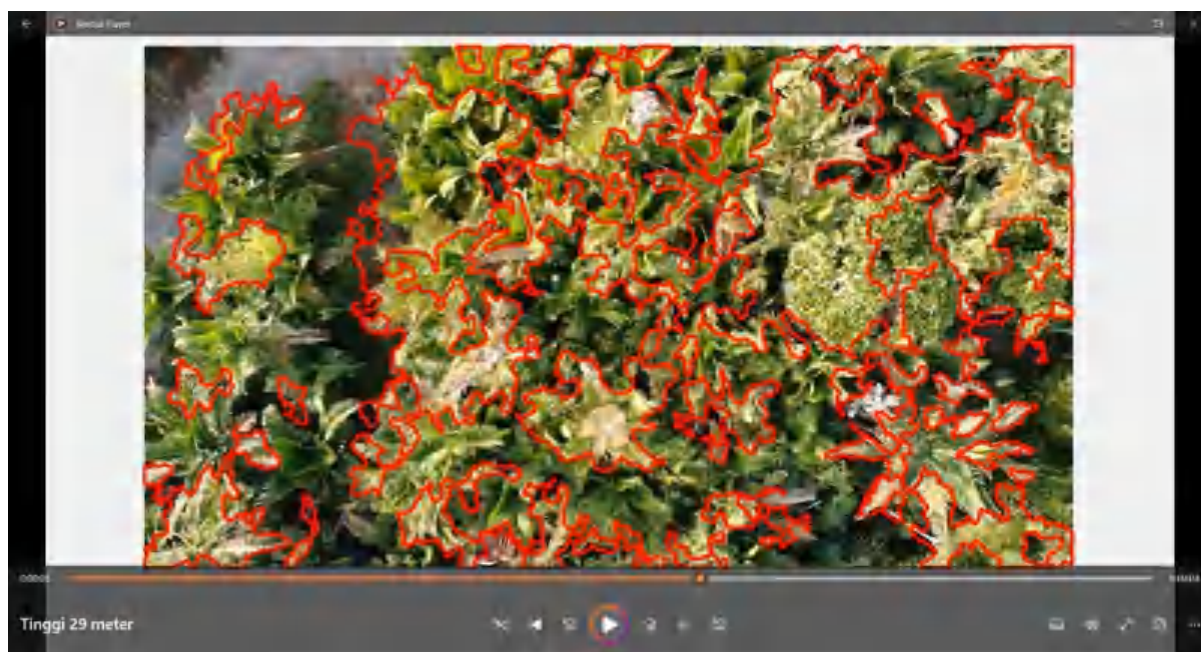


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Lampiran 20 Data output 28 Meter



Lampiran 21 Data output 29 Meter



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