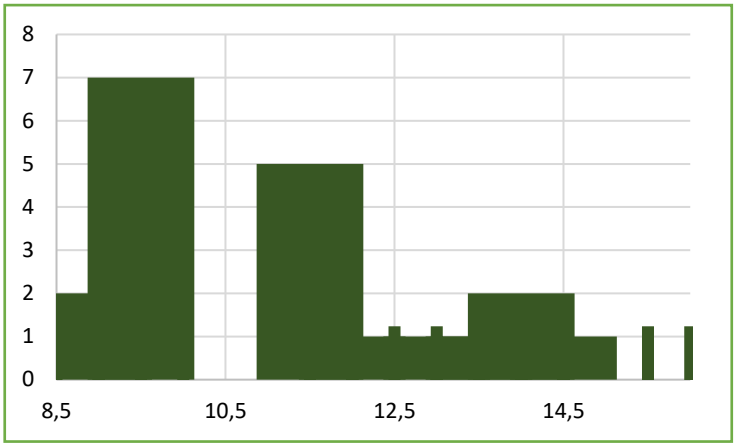
Table 1: Raw data for "distilled water" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	14,4	211
2	14,0	245
3	13,7	132
4	13,4	203
5	12,8	223
6	12,0	206
7	11,5	112
8	11,0	116
9	10,7	98
10	10,6	156
11	10,3	141
12	9,5	86
13	9,4	82
14	9,2	92
15	9,2	96
16	9,2	93
17	9,1	99
18	9,1	94
19	9,0	85
20	8,8	87

Graph 1: Normal distribution for "distilled water" group for length



Graph 2: Normal distribution for "distilled water" group for surface area

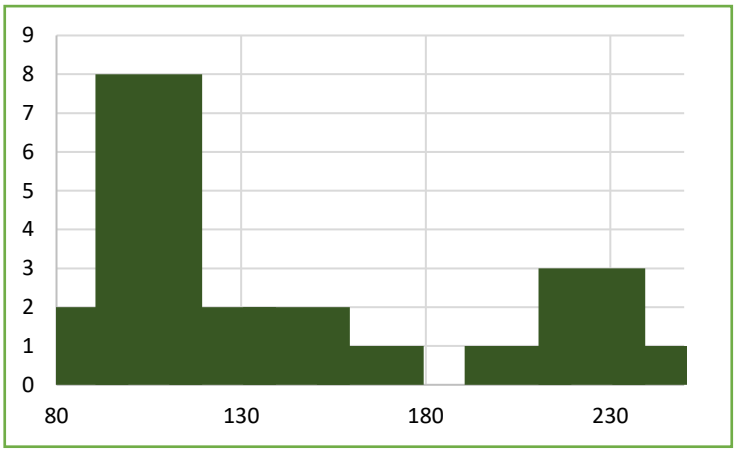


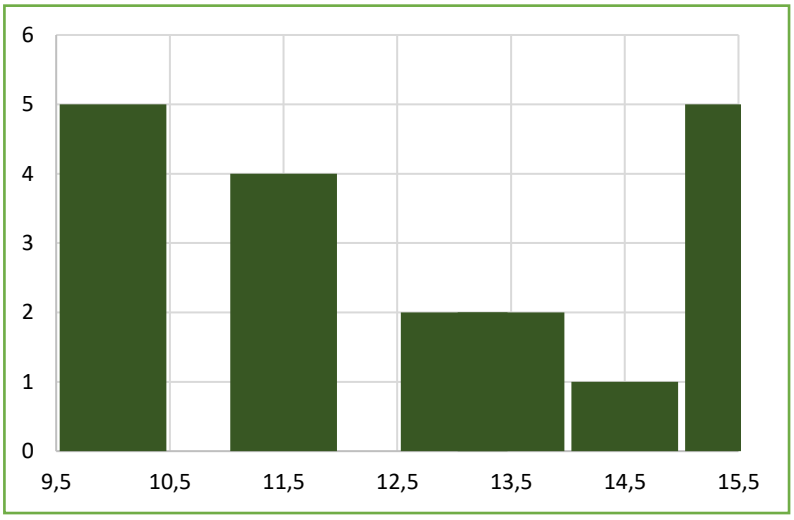
Table 2: Average value and standard deviation for "distilled water" group

	Length	Surface area
Average	10,8 cm	133 mm^2
Standard deviation	1,90	52,9

Table 3: Raw data for "1 ml olive oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	15,2	263
2	15,1	246
3	14,9	251
4	14,7	233
5	14,7	243
6	14,3	245
7	13,5	225
8	13,2	257
9	13,0	239
10	12,8	247
11	11,2	198
12	11,2	221
13	10,3	177
14	10,1	200
15	9,9	159
16	9,9	177
17	9,8	162
18	9,7	166
19	9,7	161

Graph 3: Normal distribution for "1 ml olive oil" group for length



Graph 2: Normal distribution for "1 ml olive oil " group for surface area

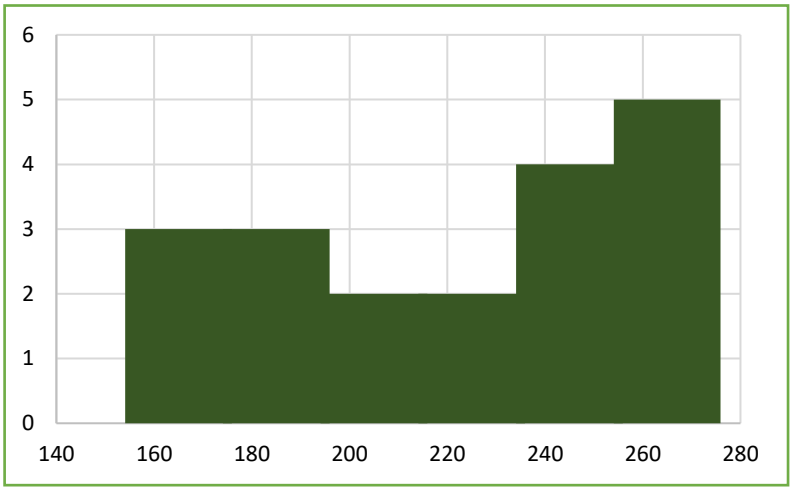


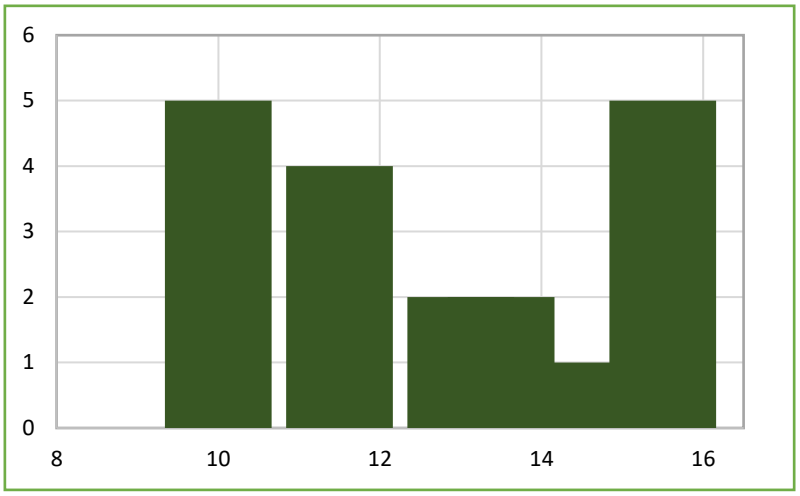
Table 4: Average value and standard deviation for "1 ml olive oil" group

	Length	Surface area
Average	12,3 cm	214 mm^2
Standard deviation	2,16	37,1

Table 5: Raw data for "3 ml olive oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	15,6	233
2	14,0	217
3	13,9	209
4	11,3	195
5	9,7	93
6	9,7	99
7	9,4	175
8	9,3	134
9	9,0	104
10	8,5	83
11	8,4	88
12	8,2	81
13	7,5	78
14	7,4	83
15	7,3	77
16	7,0	71

Graph 5: Normal distribution for "3 ml olive oil" group for length



Graph 3: Normal distribution for "3 ml olive oil " group for surface area

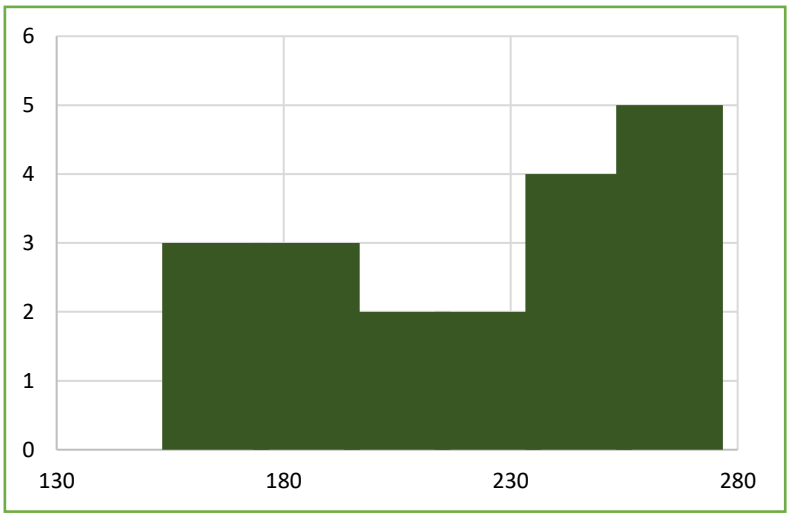


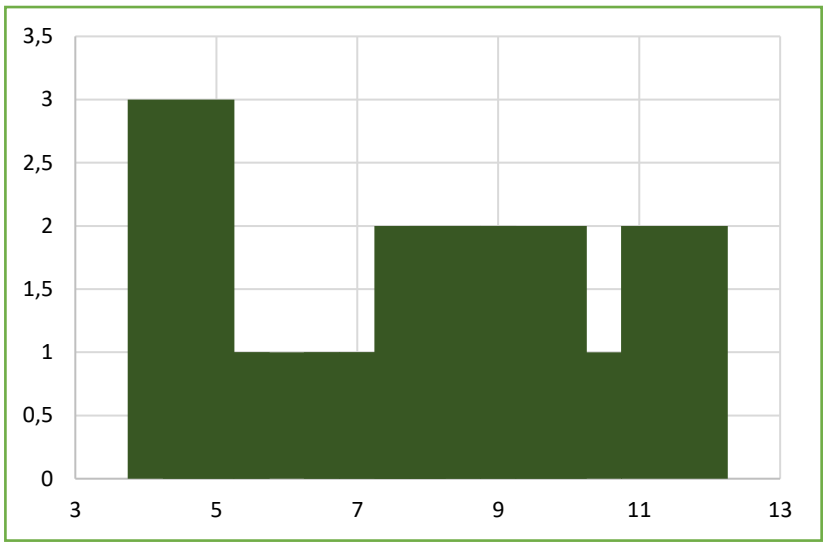
Table 6: Average value and standard deviation for "3 ml olive oil" group

	Length	Surface area
Average	9,8 cm	126 mm^2
Standard deviation	2,62	58,3

Table 7: Raw data for "5 ml olive oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	10,4	176
2	10,2	153
3	9,7	144
4	9,4	150
5	9,2	100
6	8,4	113
7	8,2	131
8	8,0	77
9	7,9	139
10	7,5	81
11	6,9	76
12	5,6	69
13	4,7	61
14	4,5	59
15	4,4	58
16	4,4	63

Graph 7: Normal distribution for "5 ml olive oil" group for length



Graph 8: Normal distribution for "5 ml olive oil " group for surface area

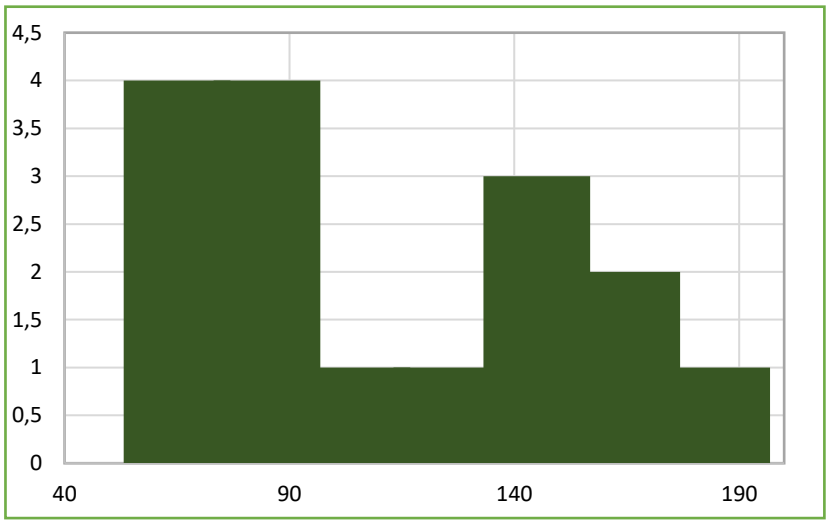


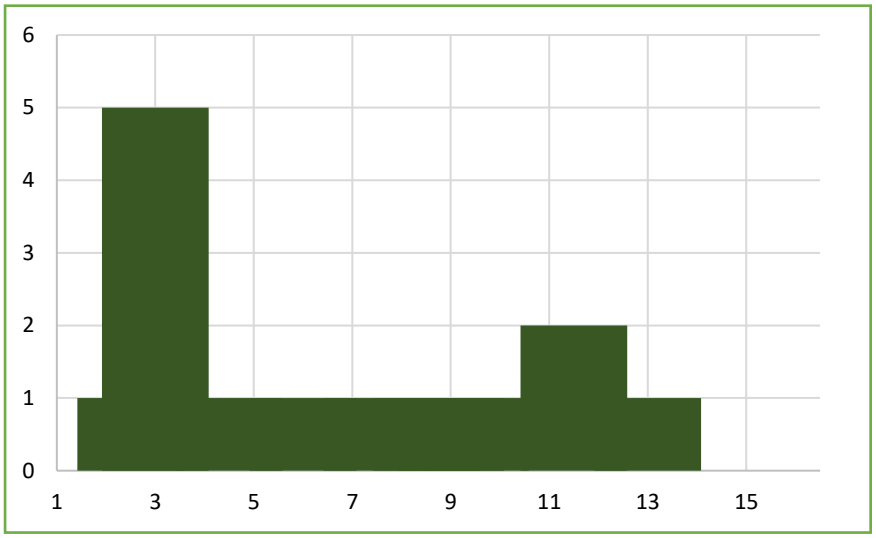
Table 8: Average value and standard deviation for "5 ml olive oil" group

	Length	Surface area
Average	7,5 cm	103 mm^2
Standard deviation	2,14	40,2

Table 9: Raw data for "7 ml olive oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	12,8	101
2	11,5	112
3	11,1	107
4	9,2	77
5	8,8	91
6	8,3	68
7	7,5	53
8	6,0	61
9	4,2	52
10	3,0	45
11	2,9	46
12	2,8	51
13	2,8	44
14	2,7	53
15	2,5	41

Graph 9: Normal distribution for "7 ml olive oil" group for length



Graph 4: Normal distribution for "7 ml olive oil " group for surface area

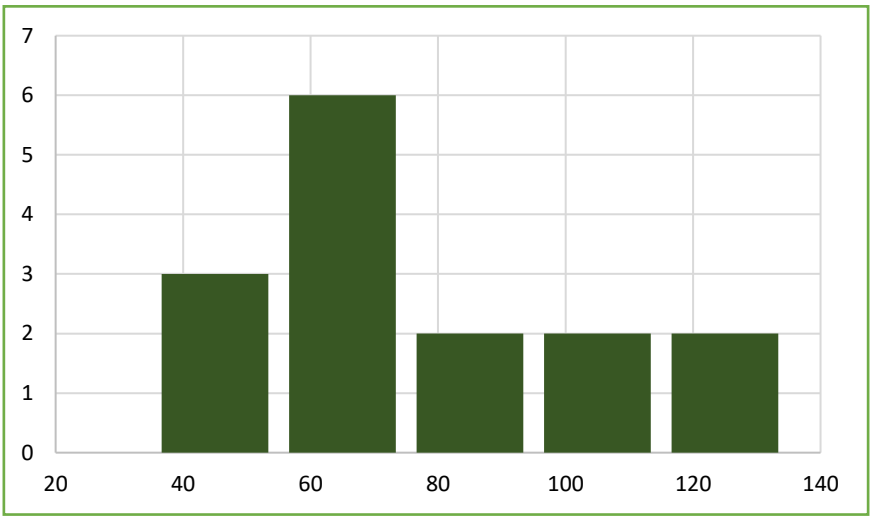


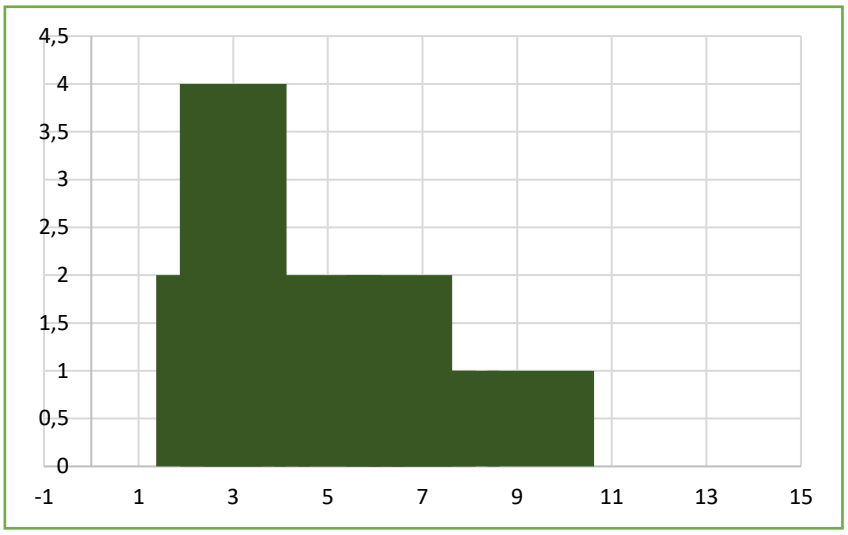
Table 10: Average value and standard deviation for "7 ml olive oil" group

	Length	Surface area
Average	6,4 cm	67 mm^2
Standard deviation	3,69	24,6

Table 11: Raw data for "9 ml olive oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	9,4	78
2	7,4	65
3	7,0	57
4	6,3	38
5	6,2	56
6	5,4	44
7	5,0	41
8	4,9	22
9	3,1	34
10	2,9	12
11	2,9	13
12	2,7	14
13	2,6	11
14	2,5	10
15	2,5	13

Graph 61: Normal distribution for "9 ml olive oil" group for length



Graph 5: Normal distribution for "9 ml olive oil " group for surface area

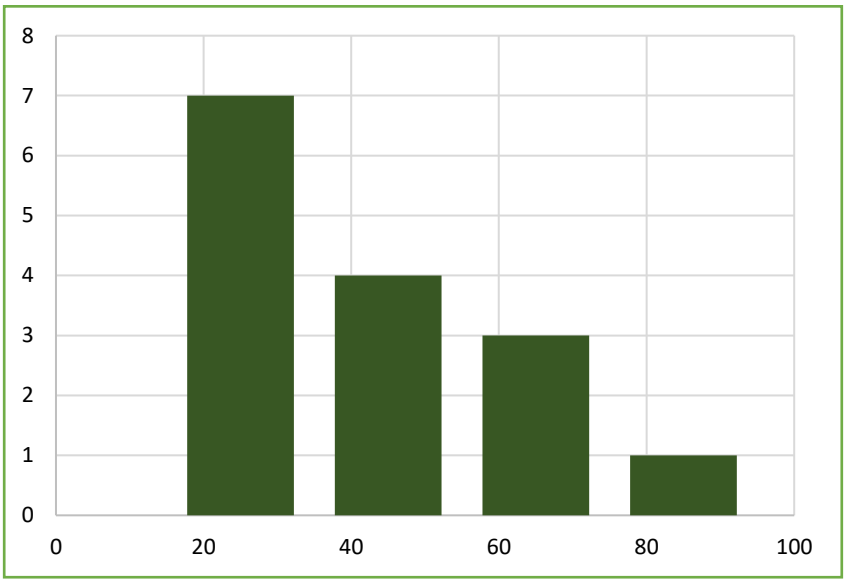


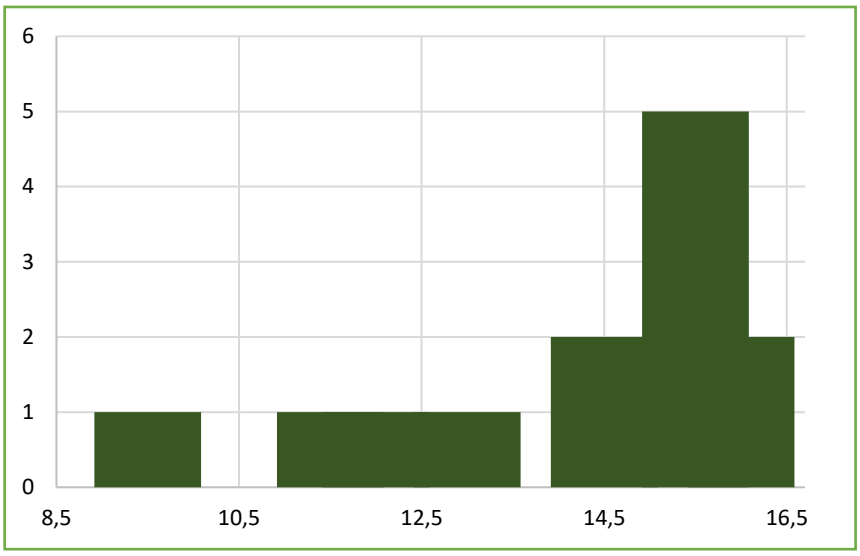
Table 12: Average value and standard deviation for "9 ml olive oil" group

	Length	Surface area
Average	4,7 cm	34 mm^2
Standard deviation	2,19	22,5

Table 13: Raw data for "1 ml chamomile oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	16,3	287
2	16,1	244
3	16,0	240
4	15,6	275
5	15,5	266
6	15,2	213
7	15,1	256
8	14,9	233
9	14,7	199
10	14,2	213
11	14,1	221
12	13,0	155
13	11,9	165
14	10,1	202
15	9,2	179

Graph 13: Normal distribution for "1 ml chamomile oil" group for length



Graph 7: Normal distribution for "1 ml chamomile oil " group for surface area

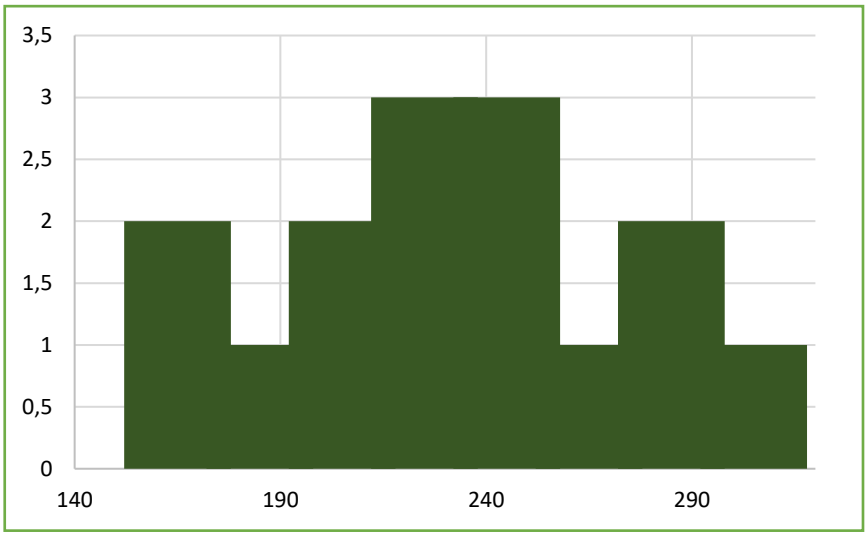


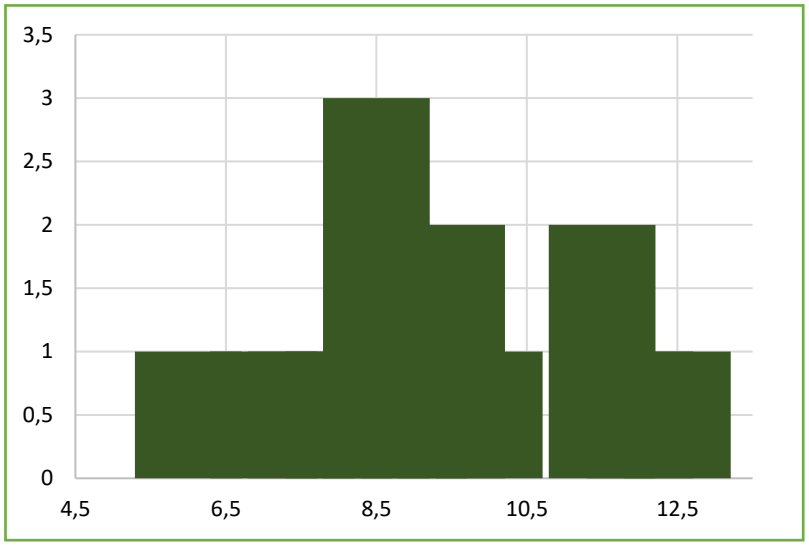
Table 142: Average value and standard deviation for "1 ml chamomile oil" group

	Length	Surface area
Average	14,1 cm	223 mm^2
Standard deviation	2,17	39,4

Table 15: Raw data for "3 ml chamomile oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	12,3	198
2	11,6	203
3	10,4	176
4	10,1	145
5	9,9	136
6	9,5	121
7	9,1	98
8	9,0	114
9	8,5	100
10	8,4	127
11	8,2	151
12	7,8	178
13	7,3	133
14	7,0	126
15	5,6	91

Graph 15: Normal distribution for "3 ml chamomile oil" group for length



Graph 8: Normal distribution for "3 ml chamomile oil " group for surface area

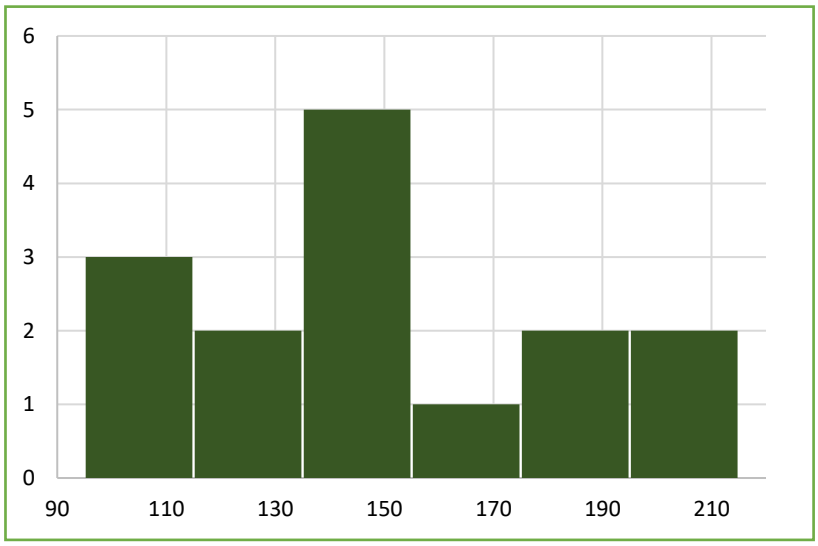


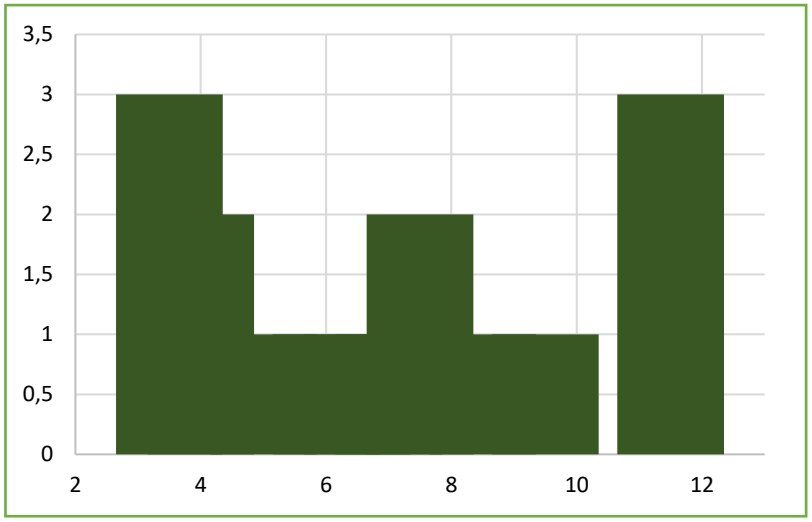
Table 16: Average value and standard deviation for "3 ml chamomile oil" group

	Length	Surface area
Average	9,0 cm	140 mm^2
Standard deviation	1,75	35,3

Table 17: Raw data for "5 ml chamomile oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	11,2	148
2	10,3	154
3	10,2	142
4	9,2	131
5	8,2	128
6	7,4	136
7	7,3	97
8	6,9	146
9	6,3	56
10	5,8	82
11	4,7	76
12	3,7	34
13	3,6	31
14	3,5	26
15	3,4	28
16	3,4	32

Graph 107: Normal distribution for "5 ml chamomile oil" group for length



Graph 9: Normal distribution for "5 ml chamomile oil " group for surface area

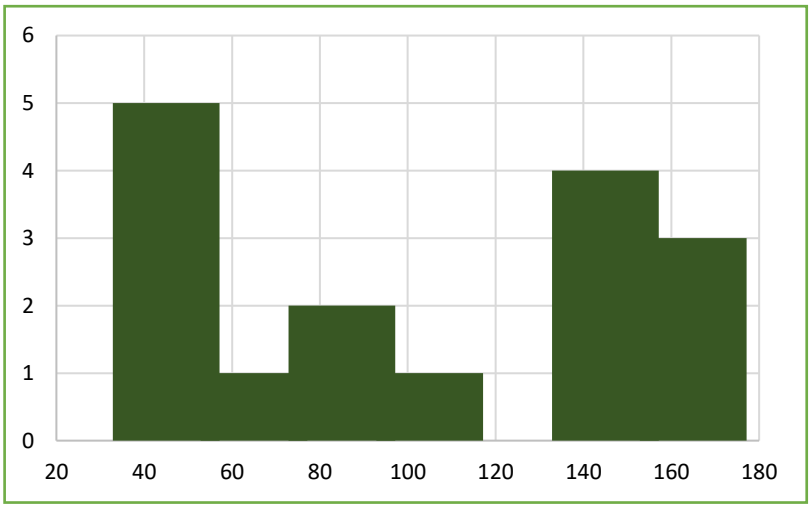


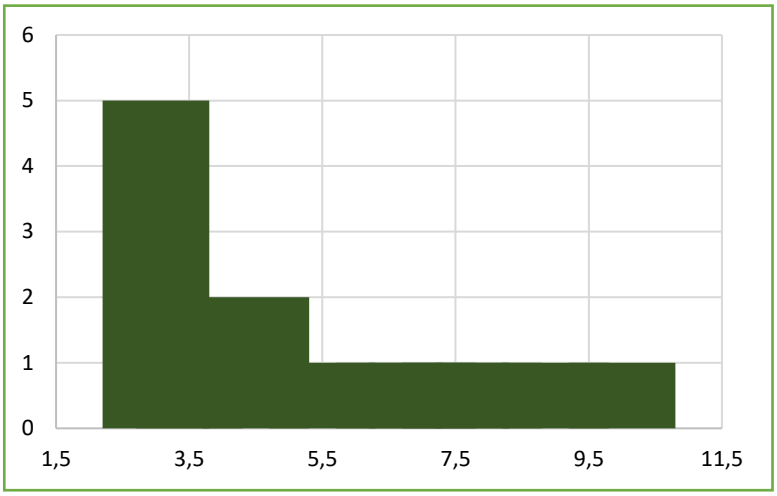
Table 183: Average value and standard deviation for "5 ml chamomile oil" group

	Length	Surface area
Average	6,6 cm	90 mm^2
Standard deviation	2,71	50,3

Table 4: Raw data for "7 ml chamomile oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	9,7	82
2	8,7	76
3	8,0	77
4	7,2	83
5	6,9	85
6	6,1	65
7	5,1	23
8	4,5	51
9	4,2	35
10	3,3	24
11	2,9	25
12	2,9	38
13	2,7	22
14	2,6	23
15	2,6	19

Graph 19: Normal distribution for "7 ml chamomile oil" group for length



Graph 11: Normal distribution for "7 ml chamomile oil " group for surface area

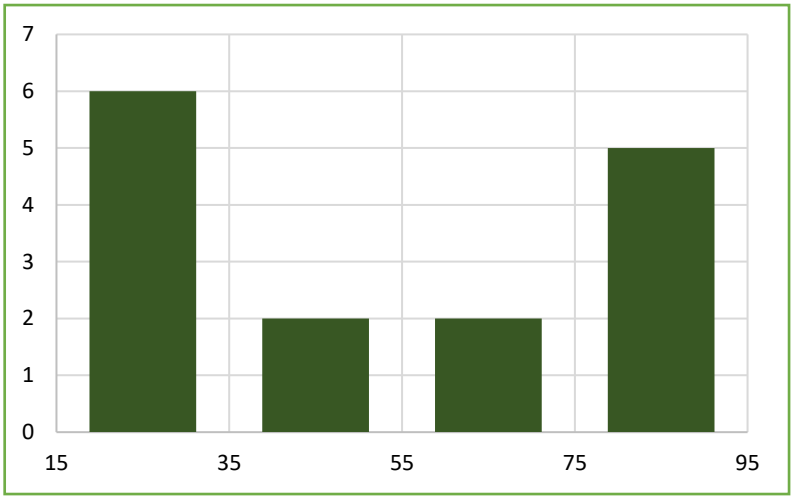


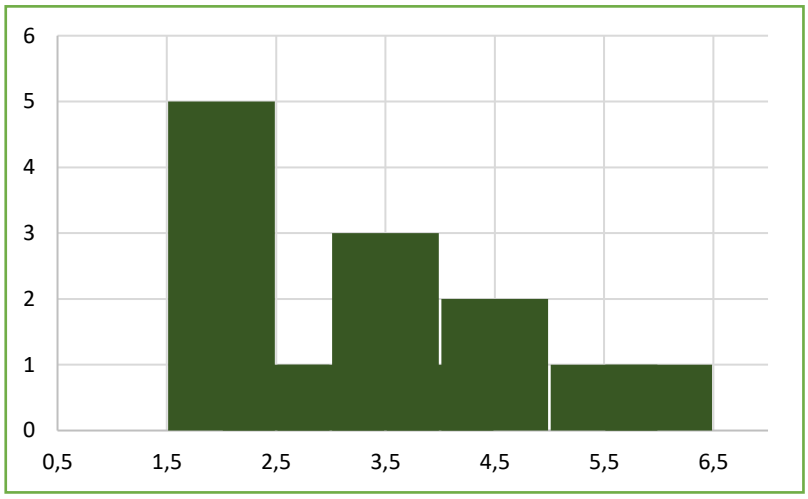
Table 5: Average value and standard deviation for "7 ml chamomile oil" group

	Length	Surface area
Average	5,2 cm	49 mm^2
Standard deviation	2,44	26,5

Table 21: Raw data for "9 ml chamomile oil" group

Plant number	Length [cm]	Surface area of leaves [mm^2]
1	5,7	59
2	5,2	50
3	4,3	32
4	4,1	25
5	3,9	50
6	3,4	51
7	3,3	49
8	3,2	50
9	2,7	22
10	2,1	36
11	1,9	23
12	1,9	24
13	1,9	45
14	1,9	24
15	1,7	19
16	1,7	21

Graph 2113: Normal distribution for "9 ml chamomile oil" group for length



Graph 12: Normal distribution for "9 ml chamomile oil " group for surface area

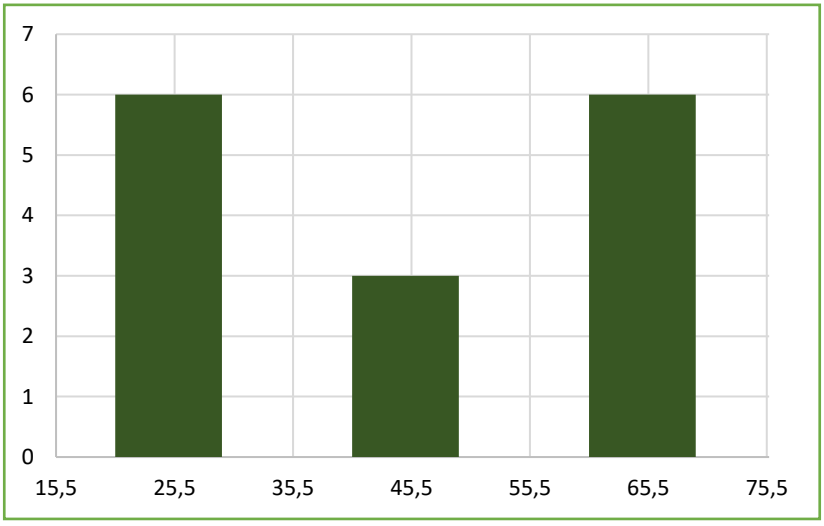


Table 22: Average value and standard deviation for "9 ml chamomile oil" group

	Length	Surface area
Average	3,1 cm	37 mm^2
Standard deviation	1,29	13,8

Table 63: Results of the Tukey HSD tests for length for chamomile oil groups

Treatments pair	Tukey HSD p-value	Tukey HSD interference
1 ml vs 3 ml	5,8E-08	p<0.05
1 ml vs 5 ml	5,74E-14	p<0.05
1 ml vs 7 ml	2,78E-15	p<0.05
1 ml vs 9 ml	3E-15	p<0.05
3 ml vs 5 ml	0,019834	p<0.05
3 ml vs 7 ml	5,45E-05	p<0.05
3 ml vs 9 ml	4,98E-10	p<0.05
5 ml vs 7 ml	0,360761	insignificant
5 ml vs 9 ml	0,000137	p<0.05
7 ml vs 9 ml	0,057343	insignificant

Table 74: Results of the Tukey HSD tests for surface area for chamomile oil groups

Treatments pair	Tukey HSD p-value	Tukey HSD interference
1 ml vs 3 ml	1,03E-07	p<0.05
1 ml vs 5 ml	7,11E-15	p<0.05
1 ml vs 7 ml	3E-15	p<0.05
1 ml vs 9 ml	3E-15	p<0.05
3 ml vs 5 ml	0,002014	p<0.05
3 ml vs 7 ml	7,9E-09	p<0.05
3 ml vs 9 ml	7,73E-11	p<0.05
5 ml vs 7 ml	0,01263	p<0.05
5 ml vs 9 ml	0,000429	p<0.05
7 ml vs 9 ml	0,868673	insignificant