1. Generate sample plot *test 3* using the method  *frequency: stand* with using the following values*:*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tree species | Age | Mean diameter | degrade of diameter variability | Mean height | Volume per hectare |
| beech | 70 | 20 | 1 | 18 | 150 |
| spruce | 70 | 20 | 1 | 18 | 50 |
| fir | 70 | 20 | 1 | 18 | 10 |

1. Generate sample plot *test 1* (*select the tree species spruce*) using the method  *frequency: diameter – height - quality* using the following values*:*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d (cm) | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | 42 | 46 | 50 | 54 |
| n | 10 | 20 | 25 | 30 | 35 | 20 | 18 | 10 | 5 | 4 | 1 | 1 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d (cm) | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | 42 | 46 | 50 | 54 |
| h (m) | 11 | 14 | 18 | 22 | 23 | 24 | 26 | 27 | 30 | 32 | 32 | 33 |
|  |  | 17 | 22 | 22 | 23 | 24 | 27 | 29 |  |  |  |
|  |  |  |  |  | 24.5 | 25 |  |  |  |  |  |

1. Generate sample plot *test 2* using the method  *frequency: diameter* with using the following values:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d (cm) | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | 42 | 46 | 50 | 54 |
| n | 4 | 10 | 18 | 26 | 30 | 23 | 22 | 5 | 0 | 0 | 0 | 0 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| d (cm) | dm-3 | dm-2 | dm-1 | dm | dm+1 | dm+2 | dm+3 |
| h (m) | 25 | 27 | 28 | 28 | 28 | 29 | 30 |
|  | 26 | 26 | 27 | 29 |  |  |
|  |  |  | 29 |  |  |  |