|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Sandy gravel** | **Coarse peat-sand** | **Fine peat-sand** | **Gardening compost** |
| **Soil type** | Glacial sand | Technologically processed mull | Fertilized and limed mull | Composted and limed mull |
| **Soil material** | Crashed and sieved coarse mineral aggregate fraction | Coarse mineral soil and peat | Fine-grained mineral soil and peat | Garden peat, broiler manure, compressed wood fiber, crashed bark |
| **Additional ingredients** | No | No | Organic fertilizer of animal origin, lime and manufactured humic acid | Limestone dust with magnesium |
| **OM % a** | 1 ± 0.1 | 2 ± 0.1 | 13 ± 0.7 | 56 ± 1.2 |
| **pH a** | 6.4 ± 0.2 | 5.6 ± 0.1 | 5.4 ± 0.3 | 6.7 ± 0.1 |
| **WHC % a** | 18 ± 0.8 | 22 ± 1.2 | 43 ± 3.0 | 73 ± 2.3 |
| **DCb, mm** | 0-36 | 31 | 16 | < 35 |
| **Nitratec** | <LOQ | 11.0 | 294 | 618 |
| **Ammonium** | 0.1 | 0.4 | 0.7 | 16 |
| **Phosphate** | 0.1 | 0.2 | 17 | 25 |
| **Nitrogend %** | <LOQ | <LOQ | 0.2 | 1.3 |
| **Carbond %** | <LOQ | 0.5 | 5.3 | 32.1 |
| **Phosphorus** | 715 | 248 | 622 | 1936 |
| **Iron** | 13302 | 5445 | 11631 | 6128 |
| **Aluminum** | 8754 | 3656 | 6880 | 5854 |
| **Manganese** | 181 | 66 | 138 | 244 |
| **Copper** | 18 | 12 | 21 | 15 |
| **Leade** | <LOQ | <LOQ | 4 | <LOQ |