Table 1. Two-way analysis of variance for plant growth and yield-related parameters of mycorrhizal (+AM) and non-mycorrhizal (−AM) bean plants grown under different phosphorus fertilization levels (0, 30, 60 and 120 kg P ha-1).

|  |  |  |  |
| --- | --- | --- | --- |
| Indicators  | P doses (df=3) | AMF (df=1) | P doses\*AMF (df=3) |
| ***F*** | ***P*-value** | ***F*** | ***P*-value** | ***F*** | ***P*-value** |
| Mycorrhizal colonization  |
| Mycorrhizal frequency (%) | 8.03 | 0.002 | 133 | < 0,0001 | 7.39 | 0.003 |
| Mycorrhizal intensity (%) | 5.59 | 0.008 | 7.4 | 0.015 | 1.48 | 0.26 |
| Growth parameters  |
| Abaveground biomass | 13.45 | 0.000 | 49.91 | < 0,0001 | 8.44 | 0.001 |
| Belowground biomass | 0.69 | 0.57 | 68.7 | < 0,0001 | 1.03 | 0.4 |
| Total Biomass  | 20.38 | < 0,0001 | 309.24 | < 0,0001 | 18.04 | < 0,0001 |
| Plant heigh | 5.75 | 0.007 | 12.19 | 0.003 | 2.18 | 0.12 |
| Collar diameter  | 3.93 | 0.028 | 14.91 | 0.001 | 5.44 | 0.009 |
| Leaf area  | 12.9 | 0.000 | 0.13 | 0.71 | 0.15 | 0.92 |
| Yield and yield components |
| NPP | 5.8 | 0.007 | 30.57 | < 0,0001 | 0.59 | 0.62 |
| NGP | 7.57 | 0.002 | 11.57 | 0.004 | 3.59 | 0.037 |
| 100-grains weight | 16.17 | < 0,0001 | 21.56 | < 0,0001 | 1.8 | 0.18 |
| Yield (kg/ha) | 12.07 | 0.000 | 166.77 | < 0,0001 | 2.27 | 0.12 |
| HI | 0.64 | 0.59 | 4.68 | 0.046 | 0.95 | 0.43 |