|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Source of variation | | 2010 | | |  | 2011 | |
| df | F | Estim |  | df | F |
| Linear terms | |  |  |  |  |  |  |
|  | Phenology (early flowering) | 1 | 0.03 |  |  | 1 | 1.52 |
|  | Flower number | 1 | **194.89** | 0.494 |  | 1 | **59.27** |
|  | Shoot height | 1 | **10.37** | 0.128 |  | 1 | 0.10 |
|  | Predator | 1 | 0.12 |  |  | 1 | 0.00 |
|  | Predator x Phenology | 1 | **31.03** |  |  | 15 | **13.29** |
|  | Predator x Flower number | 1 | 0.00 |  |  | 15 | **7.79** |
|  | Predator x Shoot height | 1 | 0.00 |  |  | 15 | **9.60** |
|  |  |  |  |  |  |  |  |
| Interaction terms | |  |  |  |  |  |  |
|  | Phenology x Flower number | 1 | **3.90** |  |  | 1 | 0.38 |
|  | Phenology x Shoot height | 1 | **5.21** | -0.092 |  | 1 | 1.35 |
|  | Flower number x Shoot height | 1 | **7.27** | 0.093 |  | 1 | **3.97** |
|  | Predator x Phenology x Flower number | 1 | **11.35** |  |  | 1 | 0.00 |
|  | Predator x Phenology x Shoot height | 1 | 0.79 |  |  | 1 | **4.35** |
|  | Predator x Flower number x Shoot height | 1 | 0.13 |  |  | 1 | **4.92** |
|  |  |  |  |  |  |  |  |
| Quadratic terms | |  |  |  |  |  |  |
|  | Phenology 2 | 1 | **3.90** |  |  | 1 | 0.77 |
|  | Flower number 2 | 1 | **8.42** | 0.117 |  | 1 | 0.01 |
|  | Shoot height 2 | 1 | 1.35 |  |  | 1 | 1.73 |
|  | Predator x Phenology 2 | 19 | **11.86** |  |  | 15 | 2.26 |
|  | Predator x Flower number 2 | 19 | 0.65 |  |  | 15 | **4.91** |
|  | Predator x Shoot height 2 | 19 | 0.90 |  |  | 15 | 0.09 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source of variation | | Populations with *M.alcon* | | | | | | |  | Populations without *M.alcon* | | | | | | |
| 2010 | | |  | 2011 | | |  | 2010 | | |  | 2011 | | |
| df | F | Estim |  | df | F | Estim |  | df | F | Estim |  | df | F | Estim |
| Linear terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology (early flowering) | 1 | **13.23** |  |  | 1 | 3.26 |  |  | 1 | **18.13** | 0.218 |  | 1 | **14.57** | 0.296 |
|  | Flower number | 1 | **106.25** |  |  | 1 | **52.24** |  |  | 1 | **93.98** |  |  | 1 | **5.67** | 0.224 |
|  | Shoot height | 1 | **5.38** | 0.109 |  | 1 | **5.53** | -0.126 |  | 1 | 2.38 |  |  | 1 | **4.53** |  |
|  | Population x Phenology | 10 | **2.58** |  |  | 10 | 1.10 |  |  | 8 | 1.59 |  |  | 4 | 0.44 |  |
|  | Population x Flower number | 10 | **3.95** |  |  | 10 | **3.09** |  |  | 8 | **4.68** |  |  | 4 | 1.04 |  |
|  | Population x Shoot height | 10 | 0.90 |  |  | 10 | 1.27 |  |  | 8 | 1.79 |  |  | 4 | **3.34** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interaction terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology x Flower number | 1 | 1.43 |  |  | 1 | 0.01 |  |  | 1 | **12.54** |  |  | 1 | 0.39 |  |
|  | Phenology x Shoot height | 1 | 2.85 |  |  | 1 | **9.09** | -0.142 |  | 1 | 0.45 |  |  | 1 | 1.67 |  |
|  | Flower number x Shoot height | 1 | **10.43** |  |  | 1 | **11.14** |  |  | 1 | 0.16 |  |  | 1 | 1.20 |  |
|  | Population x Phenology x Flower number | 10 | 1.23 |  |  | 10 | 1.28 |  |  | 8 | **3.77** |  |  | 4 | **2.90** |  |
|  | Population x Phenology x Shoot height | 10 | 1.33 |  |  | 10 | 1.43 |  |  | 8 | 0.77 |  |  | 4 | 1.81 |  |
|  | Population x Flower number x Shoot height | 10 | **2.08** |  |  | 10 | **1.91** |  |  | 8 | 1.75 |  |  | 4 | 2.20 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quadratic terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology 2 | 1 | **6.66** | -0.249 |  | 1 | 0.67 |  |  | 1 | 0.44 |  |  | 1 | 0.27 |  |
|  | Flower number 2 | 1 | 3.13 |  |  | 1 | **9.30** |  |  | 1 | 2.12 |  |  | 1 | 3.43 |  |
|  | Shoot height 2 | 1 | 0.09 |  |  | 1 | 1.64 |  |  | 1 | 0.23 |  |  | 1 | 0.07 |  |
|  | Population x Phenology 2 | 10 | 1.12 |  |  | 10 | 0.70 |  |  | 8 | 1.67 |  |  | 4 | 1.30 |  |
|  | Population x Flower number 2 | 10 | **3.01** |  |  | 10 | **3.33** |  |  | 8 | **1.96** |  |  | 4 | 1.69 |  |
|  | Population x Shoot height 2 | 10 | 1.06 |  |  | 10 | 1.64 |  |  | 8 | 1.79 |  |  | 4 | **2.51** |  |