|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source of variation | | Response: attack | | | | | |  | Response: number of eggs | | | | | |
| 2010 | |  | 2011 | | |  | 2010 | | |  | 2011 | |
| df | F |  | df | F | Estim |  | df | | F |  | df | F |
| Linear terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology (early flowering) | 1 | **22.96** |  | 1 | **53.55** |  |  |  | 1 | **67.03** |  | 1 | **46.87** |
|  | Flower number | 1 | **24.46** |  | 1 | **69.99** |  |  |  | 1 | **72.90** |  | 1 | **240.98** |
|  | Shoot height | 1 | 3.59 |  | 1 | 1.01 |  |  |  | 1 | 0.02 |  | 1 | 0.03 |
|  | Population | 10 | **32.60** |  | 10 | **14.27** |  |  |  | 10 | **36.93** |  | 10 | **46.00** |
|  | Population x Phenology | 10 | **2.34** |  | 10 | **1.86** |  |  |  | 10 | **12.27** |  | 10 | **5.55** |
|  | Population x Flower number | 10 | **3.61** |  | 10 | **1.86** |  |  |  | 10 | **10.44** |  | 10 | **33.61** |
|  | Population x Shoot height | 10 | 1.23 |  | 10 | **2.29** |  |  |  | 10 | 0.70 |  | 10 | 0.72 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interaction terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology x Flower number | 1 | **4.18** |  | 1 | **10.53** | -0.046 |  |  | 1 | **11.93** |  | 1 | 1.50 |
|  | Phenology x Shoot height | 1 | 0.00 |  | 1 | 2.04 |  |  |  | 1 | 2.35 |  | 1 | 1.32 |
|  | Flower number x Shoot height | 1 | 0.69 |  | 1 | **8.62** | -0.042 |  |  | 1 | **4.38** |  | 1 | 0.55 |
|  | Population x Phenology x Flower number | 10 | **2.05** |  | 10 | 0.94 |  |  |  | 10 | **3.72** |  | 10 | 1.22 |
|  | Population x Phenology x Shoot height | 10 | 1.03 |  | 10 | 1.82 |  |  |  | 10 | 0.64 |  | 10 | 1.76 |
|  | Population x Flower number x Shoot height | 10 | 0.99 |  | 10 | 0.95 |  |  |  | 10 | **1.90** |  | 10 | **3.89** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quadratic terms | |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Phenology 2 | 1 | 2.86 |  | 1 | **5.15** | -0.023 |  |  | 1 | **6.09** |  | 1 | 0.10 |
|  | Flower number 2 | 1 | 3.19 |  | 1 | **16.13** | -0.059 |  |  | 1 | 0.00 |  | 1 | 0.50 |
|  | Shoot height 2 | 1 | 0.15 |  | 1 | 3.74 |  |  |  | 1 | 0.45 |  | 1 | **6.68** |
|  | Population x Phenology 2 | 10 | **2.05** |  | 10 | 1.28 |  |  |  | 10 | **2.54** |  | 10 | **2.12** |
|  | Population x Flower number 2 | 10 | 1.26 |  | 10 | 0.78 |  |  |  | 10 | 0.60 |  | 10 | 1.78 |
|  | Population x Shoot height 2 | 10 | 1.49 |  | 10 | 0.78 |  |  |  | 10 | 1.09 |  | 10 | **2.69** |