

GIRASOL EJE A DE LOS CABALLEROS 2018

Variable dependiente: Producción

Factor: Variedad

Número de observaciones: 152

Número de niveles: 38

Resumen Estadístico para Producción

| <i>Variedad</i> | <i>Recuento</i> | <i>Promedio</i> | <i>Desviación Estándar</i> | <i>Coefficiente de Variación</i> | <i>Mínimo</i> |
|-----------------|-----------------|-----------------|----------------------------|----------------------------------|---------------|
| BOSFORA | 4 | 3314,25 | 219,948 | 6,63642% | 3057,0 |
| CONTACT | 4 | 3589,25 | 186,784 | 5,20398% | 3414,0 |
| CRESSIDIA | 4 | 3407,0 | 392,555 | 11,522% | 3057,0 |
| DSH 403 | 4 | 2901,75 | 260,843 | 8,98915% | 2514,0 |
| ES AROMATIC SU | 4 | 2778,75 | 378,027 | 13,6042% | 2271,0 |
| ES ELECTRIC CLP | 4 | 3461,0 | 383,231 | 11,0728% | 3036,0 |
| ES NIAGARA | 4 | 3402,0 | 376,593 | 11,0697% | 3000,0 |
| ES REGATA | 4 | 2421,5 | 270,025 | 11,1512% | 2207,0 |
| ES SHAKIRA | 4 | 2969,5 | 387,194 | 13,039% | 2471,0 |
| FABIOLA (T) | 4 | 4130,5 | 615,106 | 14,8918% | 3629,0 |
| FORTIMI | 4 | 3616,0 | 497,584 | 13,7606% | 3057,0 |
| KWS BILOBA | 4 | 3646,5 | 595,132 | 16,3206% | 3043,0 |
| KWS FORLA | 4 | 3698,25 | 148,237 | 4,00831% | 3557,0 |
| LG 50300 HO | 4 | 3757,25 | 380,142 | 10,1175% | 3429,0 |
| LG 5463CL | 4 | 2677,0 | 307,386 | 11,4825% | 2229,0 |
| LG 5485 | 4 | 3146,5 | 501,612 | 15,9419% | 2786,0 |
| MAS 81 OL | 4 | 3898,0 | 480,303 | 12,3218% | 3257,0 |
| MAS 81K | 4 | 3162,5 | 315,783 | 9,98524% | 2771,0 |
| MAS 85.SU | 4 | 3851,75 | 632,412 | 16,4188% | 3200,0 |
| MAS 88F | 4 | 3330,5 | 334,694 | 10,0494% | 2836,0 |
| MAS 89HOCL | 4 | 2784,0 | 245,944 | 8,83421% | 2514,0 |
| NATURELLA | 4 | 3380,5 | 565,174 | 16,7187% | 2950,0 |
| P63HH69 | 4 | 2585,75 | 249,412 | 9,64563% | 2221,0 |
| P64LL62 | 4 | 2564,25 | 379,705 | 14,8077% | 2257,0 |
| RGT ABSOLLUTE | 4 | 2967,75 | 483,488 | 16,2914% | 2500,0 |
| RGT INOVELL | 4 | 4058,75 | 536,57 | 13,2201% | 3514,0 |
| RGT LLUIS | 4 | 4103,75 | 326,027 | 7,94461% | 3700,0 |
| RGT NICOLLETA | 4 | 2739,25 | 155,421 | 5,67384% | 2514,0 |
| RGT RIVOLLA | 4 | 3657,25 | 427,093 | 11,678% | 3229,0 |
| RGT SITTINGBULL | 4 | 3130,5 | 184,348 | 5,88878% | 2986,0 |
| RGT VOLLCANO | 4 | 2986,0 | 217,177 | 7,27319% | 2779,0 |
| RGT WOLLF | 4 | 3509,0 | 415,555 | 11,8425% | 2936,0 |
| ROSETA | 4 | 3337,75 | 460,809 | 13,806% | 2929,0 |
| SANTOS | 4 | 3859,0 | 632,998 | 16,4032% | 3029,0 |
| SY BARBATI | 4 | 3376,75 | 403,312 | 11,9438% | 2814,0 |
| TALENTO | 4 | 3921,5 | 257,114 | 6,55652% | 3557,0 |
| TOSCANA | 4 | 2935,75 | 212,379 | 7,23424% | 2757,0 |
| VERÓNICA | 4 | 3962,5 | 534,958 | 13,5005% | 3571,0 |
| Total | 152 | 3342,63 | 584,543 | 17,4875% | 2207,0 |

Tabla ANOVA para Producción por Variedad

| <i>Fuente</i> | <i>Suma de Cuadrados</i> | <i>Gl</i> | <i>Cuadrado Medio</i> | <i>Razón-F</i> | <i>Valor-P</i> |
|---------------|--------------------------|-----------|-----------------------|----------------|----------------|
| Entre grupos | 3,31673E7 | 37 | 896414, | 5,55 | 0,0000 |
| Intra grupos | 1,8428E7 | 114 | 161649, | | |
| Total (Corr.) | 5,15953E7 | 151 | | | |

Tabla de Medias para Producción por Variedad con intervalos de confianza del 95,0%

| | | | <i>Error Est.</i> | | |
|-----------------|--------------|--------------|---------------------|------------------------|------------------------|
| <i>Variedad</i> | <i>Casos</i> | <i>Media</i> | <i>(s agrupada)</i> | <i>Límite Inferior</i> | <i>Límite Superior</i> |
| BOSFORA | 4 | 3314,25 | 201,028 | 3032,66 | 3595,84 |
| CONTACT | 4 | 3589,25 | 201,028 | 3307,66 | 3870,84 |
| CRESSIDIA | 4 | 3407,0 | 201,028 | 3125,41 | 3688,59 |
| DSH 403 | 4 | 2901,75 | 201,028 | 2620,16 | 3183,34 |
| ES AROMATIC SU | 4 | 2778,75 | 201,028 | 2497,16 | 3060,34 |
| ES ELECTRIC CLP | 4 | 3461,0 | 201,028 | 3179,41 | 3742,59 |
| ES NIAGARA | 4 | 3402,0 | 201,028 | 3120,41 | 3683,59 |
| ES REGATA | 4 | 2421,5 | 201,028 | 2139,91 | 2703,09 |
| ES SHAKIRA | 4 | 2969,5 | 201,028 | 2687,91 | 3251,09 |
| FABIOLA (T) | 4 | 4130,5 | 201,028 | 3848,91 | 4412,09 |
| FORTIMI | 4 | 3616,0 | 201,028 | 3334,41 | 3897,59 |
| KWS BILOBA | 4 | 3646,5 | 201,028 | 3364,91 | 3928,09 |
| KWS FORLA | 4 | 3698,25 | 201,028 | 3416,66 | 3979,84 |
| LG 50300 HO | 4 | 3757,25 | 201,028 | 3475,66 | 4038,84 |
| LG 5463CL | 4 | 2677,0 | 201,028 | 2395,41 | 2958,59 |
| LG 5485 | 4 | 3146,5 | 201,028 | 2864,91 | 3428,09 |
| MAS 81 OL | 4 | 3898,0 | 201,028 | 3616,41 | 4179,59 |
| MAS 81K | 4 | 3162,5 | 201,028 | 2880,91 | 3444,09 |
| MAS 85.SU | 4 | 3851,75 | 201,028 | 3570,16 | 4133,34 |
| MAS 88F | 4 | 3330,5 | 201,028 | 3048,91 | 3612,09 |
| MAS 89HOCL | 4 | 2784,0 | 201,028 | 2502,41 | 3065,59 |
| NATURELLA | 4 | 3380,5 | 201,028 | 3098,91 | 3662,09 |
| P63HH69 | 4 | 2585,75 | 201,028 | 2304,16 | 2867,34 |
| P64LL62 | 4 | 2564,25 | 201,028 | 2282,66 | 2845,84 |
| RGT ABSOLLUTE | 4 | 2967,75 | 201,028 | 2686,16 | 3249,34 |
| RGT INOVELL | 4 | 4058,75 | 201,028 | 3777,16 | 4340,34 |
| RGT LLUIS | 4 | 4103,75 | 201,028 | 3822,16 | 4385,34 |
| RGT NICOLLETA | 4 | 2739,25 | 201,028 | 2457,66 | 3020,84 |
| RGT RIVOLLA | 4 | 3657,25 | 201,028 | 3375,66 | 3938,84 |
| RGT SITTINGBULL | 4 | 3130,5 | 201,028 | 2848,91 | 3412,09 |
| RGT VOLLCANO | 4 | 2986,0 | 201,028 | 2704,41 | 3267,59 |
| RGT WOLFF | 4 | 3509,0 | 201,028 | 3227,41 | 3790,59 |
| ROSETA | 4 | 3337,75 | 201,028 | 3056,16 | 3619,34 |
| SANTOS | 4 | 3859,0 | 201,028 | 3577,41 | 4140,59 |
| SY BARBATI | 4 | 3376,75 | 201,028 | 3095,16 | 3658,34 |
| TALENTO | 4 | 3921,5 | 201,028 | 3639,91 | 4203,09 |
| TOSCANA | 4 | 2935,75 | 201,028 | 2654,16 | 3217,34 |
| VERÓNICA | 4 | 3962,5 | 201,028 | 3680,91 | 4244,09 |
| Total | 152 | 3342,63 | | | |

Pruebas de Múltiple Rangos para Producción por Variedad

Método: 95,0 porcentaje Student-Newman-Keuls

| <i>Variedad</i> | <i>Casos</i> | <i>Media</i> | <i>Grupos Homogéneos</i> |
|-----------------|--------------|--------------|--------------------------|
| ES REGATA | 4 | 2421,5 | X |
| P64LL62 | 4 | 2564,25 | XX |
| P63HH69 | 4 | 2585,75 | XXX |
| LG 5463CL | 4 | 2677,0 | XXXX |
| RGT NICOLLETA | 4 | 2739,25 | XXXXXX |
| ES AROMATIC SU | 4 | 2778,75 | XXXXXX |
| MAS 89HOCL | 4 | 2784,0 | XXXXXX |
| DSH 403 | 4 | 2901,75 | XXXXXXX |
| TOSCANA | 4 | 2935,75 | XXXXXXX |
| RGT ABSOLLUTE | 4 | 2967,75 | XXXXXXX |
| ES SHAKIRA | 4 | 2969,5 | XXXXXXX |
| RGT VOLLCANO | 4 | 2986,0 | XXXXXXX |
| RGT SITTINGBULL | 4 | 3130,5 | XXXXXXX |
| LG 5485 | 4 | 3146,5 | XXXXXXX |
| MAS 81K | 4 | 3162,5 | XXXXXXX |
| BOSFORA | 4 | 3314,25 | XXXXXXX |
| MAS 88F | 4 | 3330,5 | XXXXXXX |
| ROSETA | 4 | 3337,75 | XXXXXXX |
| SY BARBATI | 4 | 3376,75 | XXXXXXX |
| NATURELLA | 4 | 3380,5 | XXXXXXX |
| ES NIAGARA | 4 | 3402,0 | XXXXXXX |
| CRESSIDIA | 4 | 3407,0 | XXXXXXX |
| ES ELECTRIC CLP | 4 | 3461,0 | XXXXXXX |
| RGT WOLFF | 4 | 3509,0 | XXXXXXX |
| CONTACT | 4 | 3589,25 | XXXXXXX |
| FORTIMI | 4 | 3616,0 | XXXXXX |
| KWS BILOBA | 4 | 3646,5 | XXXXXX |
| RGT RIVOLLA | 4 | 3657,25 | XXXXXX |
| KWS FORLA | 4 | 3698,25 | XXXX |
| LG 50300 HO | 4 | 3757,25 | XXX |
| MAS 85.SU | 4 | 3851,75 | XX |
| SANTOS | 4 | 3859,0 | XX |
| MAS 81 OL | 4 | 3898,0 | XX |
| TALENTO | 4 | 3921,5 | XX |
| VERÓNKA | 4 | 3962,5 | XX |
| RGT INOVELL | 4 | 4058,75 | X |
| RGT LLUIS | 4 | 4103,75 | X |
| FABIOLA (T) | 4 | 4130,5 | X |

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Variedades

