



Regio

Red de Ensayos
de Girasol del Oeste

(●)™ Ods

Informe final

Resultados de los cultivares Clearsol, Clearsol Plus y Convencionales

2017



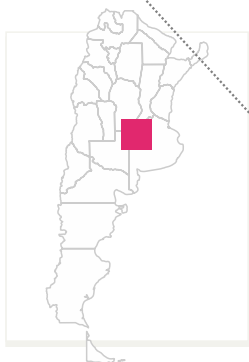
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1 Localidades

CORDOBA SANTA FE

BUENOS AIRES

LA PAMPA



Gral. Villegas

Partido de General Villegas, Buenos Aires
Est. Don Casimiro | Prod. Víctor Eguren

Trebolares

Departamento Maraco, La Pampa
Est. El 13 | Prod. Marcelo Marcos

América CEOS

Partido de Rivadavia, Buenos Aires
Campo Experimental Ojos del Salado

Juan Jose Paso

Partido de Pehuajó, Buenos Aires
Est. La Laura | Prod. Alfredo Montenovio SA

Pehuajó

Partido de Pehuajó, Buenos Aires
Est. La Esperanza | Prod. Don Pancho SA

Cuero de Zorro

Partido de Trenque Lauquen, Buenos Aires
Est. La Chiquita | Prod. Sucesores de German Alvarez

Mari Lauquen

Partido de Trenque Lauquen, Buenos Aires
Est. La Christine | Prod. Max Van Tuill

Siembra

fecha 2016

Cosecha

fecha 2017

Rend.

kg/ha

Materia Grasa

porcentaje

Alto Oleico

porcentaje

Arena

porcentaje

24 OCT

16 MAR

● 2314

● 51.4

● 93.4

● 63.2

28 OCT

16 MAR

● 2705

● 48.7

● 90.8

● 64.5

28 OCT

12 MAR

● 2409

● 48.4

● 93.7

● 62.5

18 OCT

14 MAR

● 3634

● 53.1

● 92.6

● 62.4

20 OCT

14 MAR

● 3165

● 51.3

● 95.5

● 61.2

20 OCT

15 MAR

● 2322

● 48.0

● 89.4

● 63.1

17 OCT

15 MAR

● 2839

● 50.3

● 92.5

● 71.5

2 Híbridos

Cv
Convencional

CvAo
Convencional
Alto Oleico


Cl
Clearsol


Cl+
Clearsol Plus

ClAo
Clearsol
Alto Oleico

ClAo+
Clearsol Plus
Alto Oleico


LG 50750 CL
Limagrain  **Cl**


MG 360 CP
 Dow AgroSciences **Cl+**

SRM 7510 CL
 **Cl**


SYN 3975 CLHO
syngenta **ClAo**


LG 5710
Limagrain  **Cv**

EXP BREVANT
 **Cv**

NUSOL 4170 CP
 **Cl+**

PARAISO 1600 CP
 **Cl+**

LG EXP215 CL
Limagrain  **Cl**

NTO 3.6
 Dow AgroSciences **CvAo**


SYN 3970 CL
syngenta **Cl**

PARAISO 1500 CPHO
 **ClAo+**

ARGENSOL 72 CL
 **Cl**

RGT CABILLDO CL
 **Cl**


SYN 3939 CL
syngenta **Cl**

AROMO 105 CL
 **ClAo**

ARGENSOL 20 MAX
 **Cv**

SRM 7810 CLAO
 **ClAo**

SYN 3990 CL
syngenta **Cl**

TOB 3045
 **Cv**

3 Ambiente

Precipitaciones mensuales

| Regio | ■ Por encima de la media ■ En la media ■ Por debajo de la media | | | | | | | | | | | | AÑO |
|-----------------|---|-----------|-----------|-----------|-----------|------------|------------|-----------|------------|------------|------------|------------|------------|
| | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ENE | FEB | MAR | ABR | |
| 2009-10 | 24 | 0 | 12 | 0 | 93 | 13 | 207 | 164 | 127 | 42 | 153 | 68 | 903 |
| 2010-11 | 9 | 8 | 10 | 2 | 113 | 69 | 26 | 62 | 164 | 36 | 183 | 67 | 749 |
| 2011-12 | 32 | 7 | 55 | 2 | 12 | 85 | 261 | 52 | 135 | 302 | 229 | 106 | 1278 |
| 2012-13 | 108 | 0 | 0 | 151 | 35 | 247 | 154 | 145 | 0 | 8 | 122 | 120 | 1090 |
| 2013-14 | 47 | 0 | 52 | 0 | 18 | 52 | 151 | 94 | 3 | 188 | 77 | 240 | 922 |
| 2014-15 | 72 | 4 | 30 | 0 | 51 | 95 | 111 | 82 | 86 | 43 | 47 | 220 | 841 |
| 2015-16 | 0 | 4 | 5 | 27 | 10 | 84 | 152 | 133 | 264 | 138 | 32 | 155 | 1004 |
| 2016-17 | 27 | 49 | 26 | 0 | 34 | 285 | 94 | 52 | 74 | 140 | 121 | 170 | 1072 |
| 2017-18 | 16 | 22 | 22 | 0 | 103 | 37 | 129 | 29 | 48 | 71 | 21 | 124 | 622 |
| Promedio | 37 | 10 | 24 | 20 | 52 | 107 | 143 | 90 | 100 | 108 | 109 | 141 | 942 |

Temperaturas máximas en la estación de crecimiento

| Regio | SEP | OCT | NOV | DIC | ENE | FEB | MAR | Media |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2009-10 | 18.8 | 25.6 | 26.9 | 27.1 | 29.9 | 26.7 | 28.4 | 26.2 |
| 2010-11 | 20.6 | 23.9 | 28.8 | 31.5 | 29.3 | 27.9 | 28.2 | 27.2 |
| 2011-12 | 23.8 | 22.0 | 27.9 | 30.9 | 32.3 | 26.8 | 25.9 | 27.1 |
| 2012-13 | 19.2 | 22.1 | 27.1 | 28.0 | 31.5 | 26.6 | 25.1 | 25.7 |
| 2013-14 | 19.3 | 24.3 | 28.5 | 32.0 | 30.7 | 25.9 | 25.0 | 26.5 |
| 2014-15 | 21.7 | 26.0 | 27.5 | 29.1 | 29.6 | 28.4 | 29.0 | 27.3 |
| 2015-16 | 19.6 | 19.6 | 26.6 | 29.7 | 28.9 | 29.0 | 26.2 | 25.7 |
| 2016-17 | 21.1 | 20.6 | 27.1 | 31.1 | 31.4 | 30.5 | 27.8 | 27.1 |
| 2017-18 | 19.3 | 22.9 | 26.2 | 29.4 | 31.2 | 31.7 | 28.8 | 27.1 |
| Promedio | 20.4 | 23.0 | 27.4 | 29.9 | 30,5 | 28.2 | 27.2 | 26.6 |

Temperaturas mínimas en la estación de crecimiento

| Regio | SEP | OCT | NOV | DIC | ENE | FEB | MAR | Media |
|-----------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2009-10 | 3.4 | 7.1 | 10.8 | 14.1 | 15.5 | 14.5 | 13.4 | 11.3 |
| 2010-11 | 5.3 | 7.3 | 10.7 | 13.7 | 14.4 | 12.8 | 10.2 | 10.6 |
| 2011-12 | 5.1 | 7.8 | 12.9 | 13.3 | 15.6 | 14.7 | 12.9 | 11.8 |
| 2012-13 | 6.8 | 11.0 | 14.7 | 15.4 | 15.7 | 15.1 | 13.1 | 13.1 |
| 2013-14 | 4.4 | 9.4 | 12.7 | 16.2 | 14.1 | 14.0 | 10.1 | 11.6 |
| 2014-15 | 6.4 | 11.0 | 11.5 | 13.7 | 15.9 | 14.3 | 14.0 | 12.4 |
| 2015-16 | 2.9 | 7.0 | 11.2 | 15.6 | 16.6 | 16.1 | 18.6 | 12.6 |
| 2016-17 | 6.3 | 11.4 | 13.6 | 16.3 | 17.0 | 17.6 | 18.9 | 14.4 |
| 2017-18 | 7.6 | 9.7 | 11.5 | 15.7 | 15.6 | 15.4 | 10.0 | 12.2 |
| Promedio | 5.4 | 9.1 | 12.2 | 14.9 | 15.6 | 14.9 | 13.5 | 12.2 |

4 Ranking Clearsol y Clearsol Plus

Ranking Clearsol y Clearsol Plus, bonificado por materia grasa

| Cultivar | JJ Paso | Pehuajó | Mari Lauquen | Trebolares | Gral. Villegas | América CEOS | Cuero De Zorro | Promedio | Indice |
|---------------------|-------------|-------------|--------------|-------------|----------------|--------------|----------------|-------------|--------------|
| SYN 3970 CL | 5295 | 4581 | 4493 | 3572 | 3247 | 3619 | 3148 | 3994 | 121.2 |
| SYN 3939 CL | 5355 | 4730 | 4246 | 3387 | 3696 | 3307 | 3010 | 3962 | 120.2 |
| SYN 3990 CL | 5076 | 4589 | 4158 | 3641 | 3232 | 2926 | 2944 | 3795 | 115.2 |
| SYN 3975 CLHO | 4141 | 4244 | 4117 | 3349 | 3328 | 3116 | 3094 | 3627 | 110.1 |
| RGT CABILLDO CL | 5030 | 4131 | 3471 | 3081 | 2808 | 2745 | 2784 | 3436 | 104.3 |
| MG 360 CP | 4871 | 4746 | 3425 | 2610 | 3314 | 1723 | 2802 | 3356 | 101.8 |
| PARAISO 1600 CP | 4441 | 4058 | 3129 | 3038 | 2939 | 3332 | 2527 | 3352 | 101.7 |
| AROMO 105 CL | 5063 | 3507 | 3108 | 3246 | 2681 | 3115 | 2663 | 3340 | 101.4 |
| PARAISO 1500 CPHO | 4263 | 3664 | 3316 | 3308 | 2849 | 2800 | 2554 | 3251 | 98.6 |
| LG EXP215 CL | 4551 | 3111 | 2750 | 3403 | 2748 | 2594 | 2782 | 3134 | 95.1 |
| NUSOL 4170 CP | 3952 | 3687 | 3219 | 2801 | 2849 | 2282 | 2324 | 3016 | 91.5 |
| LG 50750 CL | 4114 | 3129 | 3136 | 3006 | 2131 | 3031 | 2553 | 3014 | 91.5 |
| SRM 7810 CLAO | 3789 | 3301 | 2722 | 2977 | 2665 | 2377 | 2255 | 2869 | 87.1 |
| ARGENSOL 72 CL | 3919 | 3043 | 2518 | 2616 | 1932 | 2436 | 2207 | 2667 | 80.9 |
| SRM 7510 CL | 3641 | 2970 | 2830 | 2619 | 2273 | 2185 | 1796 | 2616 | 79.4 |
| Promedio | 4500 | 3833 | 3376 | 3110 | 2846 | 2773 | 2630 | 3295 | 100,0 |

4.1 Ranking Clearsol y Clearsol Plus | Juan José Paso

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 45 | 0.84 | 0.75 | 6.86 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|-------------|----|-----------|-------|---------|
| Modelo | 14204272.93 | 16 | 887767.06 | 9.31 | <0.0001 |
| Cultivar | 13954792.00 | 14 | 996770.86 | 10.45 | <0.0001 |
| Bloque | 249480.93 | 2 | 124740.47 | 1.31 | 0.2863 |
| Error | 2669675.07 | 28 | 95345.54 | | |
| Total | 16873948.00 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=558.3562

Error: 95345.5381 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3939 CL | 5355 | 119.0 | A | 4044 | 58.2 | - |
| SYN 3970 CL | 5295 | 117.7 | A | 4035 | 57.6 | - |
| SYN 3990 CL | 5076 | 112.8 | A | 3911 | 56.9 | - |
| AROMO 105 CL | 5063 | 112.5 | A | 3871 | 57.4 | 83.2 |
| RGT CABILLDO CL | 5030 | 111.8 | A | 3936 | 55.9 | - |
| MG 360 CP | 4871 | 108.2 | A | 3954 | 53.6 | - |
| LG EXP215 CL | 4551 | 101.1 | B | 3768 | 52.4 | - |
| PARAISO 1600 CP | 4441 | 98.7 | B | 3581 | 54.0 | - |
| PARAISO 1500 CPHO | 4263 | 94.7 | B | 3594 | 51.3 | 97.4 |
| SYN 3975 CLHO | 4141 | 92.0 | B | 3601 | 49.5 | 98.7 |
| LG 50750 CL | 4114 | 91.4 | B | 3417 | 52.2 | - |
| NUSOL 4170 CP | 3952 | 87.8 | B | 3343 | 51.1 | - |
| ARGENSOL 72 CL | 3919 | 87.1 | B | 3456 | 48.7 | - |
| SRM 7810 CLAO | 3789 | 84.2 | B | 3222 | 50.8 | 86.2 |
| SRM 7510 CL | 3641 | 80.9 | B | 2946 | 53.8 | - |
| Promedio | 4500 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

4.2 Ranking Clearsol y Clearsol Plus | Pehuajó

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|-----|
| R Bonificado (kg/ha) | 45 | 0.87 | 0.79 | 8.3 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|-------------|----|------------|-------|---------|
| Modelo | 18146296.76 | 16 | 1134143.55 | 11.21 | <0.0001 |
| Cultivar | 17699810.58 | 14 | 1264272.18 | 12.5 | <0.0001 |
| Bloque | 446486.18 | 2 | 223243.09 | 2.21 | 0.1288 |
| Error | 2831663.82 | 28 | 101130.85 | | |
| Total | 20977960.58 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=575.0465

Error: 101130.8508 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| MG 360 CP | 4746 | 123.8 | A | 3749 | 55.3 | - |
| SYN 3939 CL | 4730 | 123.4 | A | 3802 | 54.2 | - |
| SYN 3990 CL | 4589 | 119.7 | A | 3630 | 55.2 | - |
| SYN 3970 CL | 4581 | 119.5 | A | 3574 | 56.1 | - |
| SYN 3975 CLHO | 4244 | 110.7 | A | 3697 | 49.4 | 97.8 |
| RGT CABILLDO CL | 4131 | 107.8 | A | 3300 | 54.6 | - |
| PARAISO 1600 CP | 4058 | 105.9 | A | 3370 | 52.2 | - |
| NUSOL 4170 CP | 3687 | 96.2 | B | 3088 | 51.7 | - |
| PARAISO 1500 CPHO | 3664 | 95.6 | B | 3003 | 53.0 | 93.9 |
| AROMO 105 CL | 3507 | 91.5 | B | 2846 | 53.6 | 83.2 |
| SRM 7810 CLAO | 3301 | 86.1 | B | 2599 | 55.5 | 98.0 |
| LG 50750 CL | 3129 | 81.6 | B | 2799 | 47.9 | - |
| LG EXP215 CL | 3111 | 81.2 | B | 2828 | 47.0 | - |
| ARGENSOL 72 CL | 3043 | 79.4 | B | 2871 | 45.0 | - |
| SRM 7510 CL | 2970 | 77.5 | B | 2483 | 51.8 | - |
| Promedio | 3833 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

4.3 Ranking Clearsol y Clearsol Plus | Mari Lauquen

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 45 | 0.89 | 0.82 | 7.93 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|-------------|----|------------|-------|---------|
| Modelo | 15919640.00 | 16 | 994977.50 | 13.87 | <0.0001 |
| Cultivar | 15744629.20 | 14 | 1124616.37 | 15.68 | <0.0001 |
| Bloque | 175010.80 | 2 | 87505.40 | 1.22 | 0.3104 |
| Error | 2008275.20 | 28 | 71724.11 | | |
| Total | 17927915.20 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=484.2769

Error: 71724.1143 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3970 CL | 4493 | 133.1 | A | 3595 | 54.5 | - |
| SYN 3939 CL | 4246 | 125.8 | A | 3386 | 54.7 | - |
| SYN 3990 CL | 4158 | 123.2 | A | 3397 | 53.2 | - |
| SYN 3975 CLHO | 4117 | 121.9 | A | 3309 | 54.2 | 96 |
| RGT CABILLDO CL | 3471 | 102.8 | B | 2725 | 55.7 | - |
| MG 360 CP | 3425 | 101.5 | B | 2840 | 52.3 | - |
| PARAISO 1500 CPHO | 3316 | 98.2 | B | 2914 | 48.9 | 93.2 |
| NUSOL 4170 CP | 3219 | 95.3 | B | 2765 | 50.2 | - |
| LG 50750 CL | 3136 | 92.9 | B | 2703 | 50.0 | - |
| PARAISO 1600 CP | 3129 | 92.7 | B | 2651 | 51.0 | - |
| AROMO 105 CL | 3108 | 92.1 | B | 2810 | 47.3 | 78.3 |
| SRM 7510 CL | 2830 | 83.8 | C | 2431 | 50.2 | - |
| LG EXP215 CL | 2750 | 81.5 | C | 2649 | 43.9 | - |
| SRM 7810 CLAO | 2722 | 80.6 | C | 2479 | 46.9 | 96.9 |
| ARGENSOL 72 CL | 2518 | 74.6 | C | 2385 | 44.8 | - |
| Promedio | 3376 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

4.4 Ranking Clearsol y Clearsol Plus | Trebolares

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 45 | 0.74 | 0.6 | 8.00 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 5038823.69 | 16 | 314926.48 | 5.09 | 0.0001 |
| Cultivar | 4919209.24 | 14 | 351372.09 | 5.67 | <0.0001 |
| Bloque | 119614.44 | 2 | 59807.22 | 0.97 | 0.393 |
| Error | 1733887.56 | 28 | 61924.56 | | |
| Total | 6772711.24 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=449.9793

Error: 61924.5556 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3990 CL | 3641 | 117.1 | A | 3128 | 50.2 | - |
| SYN 3970 CL | 3572 | 114.8 | A | 3196 | 47.9 | - |
| LG EXP215 CL | 3403 | 109.4 | A | 3006 | 48.6 | - |
| SYN 3939 CL | 3387 | 108.9 | A | 2865 | 51.1 | - |
| SYN 3975 CLHO | 3349 | 107.7 | A | 2815 | 51.5 | 93.4 |
| PARAISO 1500 CPHO | 3308 | 106.4 | A | 2752 | 52.1 | 93.3 |
| AROMO 105 CL | 3246 | 104.4 | A | 2678 | 52.6 | 92.1 |
| RGT CABILLDO CL | 3081 | 99.1 | B | 2684 | 49.4 | - |
| PARAISO 1600 CP | 3038 | 97.7 | B | 2694 | 48.4 | - |
| LG 50750 CL | 3006 | 96.6 | B | 2758 | 46.5 | - |
| SRM 7810 CLAO | 2977 | 95.7 | B | 2510 | 51.3 | 97.4 |
| NUSOL 4170 CP | 2801 | 90.1 | B | 2510 | 47.8 | - |
| SRM 7510 CL | 2619 | 84.2 | B | 2293 | 49.1 | - |
| ARGENSOL 72 CL | 2616 | 84.1 | B | 2544 | 43.4 | - |
| MG 360 CP | 2610 | 83.9 | B | 2381 | 46.8 | - |
| Promedio | 3110 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

4.5 Ranking Clearsol y Clearsol Plus | América CEOS

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 45 | 0.86 | 0.79 | 9.22 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|-------------|----|-----------|-------|---------|
| Modelo | 11589035.33 | 16 | 724314.71 | 11.09 | <0.0001 |
| Cultivar | 10891872.53 | 14 | 777990.90 | 11.91 | <0.0001 |
| Bloque | 397162.80 | 2 | 348581.40 | 5.34 | 0.0109 |
| Error | 1829193.87 | 28 | 65328.35 | | |
| Total | 13418229.20 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=462.1809

Error: 65328.3524 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3970 CL | 3619 | 130.5 | A | 2854 | 55.4 | - |
| PARAISO 1600 CP | 3332 | 120.2 | B | 2829 | 50.9 | - |
| SYN 3939 CL | 3307 | 119.3 | B | 2724 | 52.7 | - |
| SYN 3975 CLHO | 3116 | 112.4 | B | 2622 | 51.4 | 96.3 |
| AROMO 105 CL | 3115 | 112.4 | B | 2776 | 48.1 | 95.1 |
| LG 50750 CL | 3031 | 109.3 | B | 2860 | 45.0 | - |
| SYN 3990 CL | 2926 | 105.5 | B | 2427 | 52.3 | - |
| PARAISO 1500 CPHO | 2800 | 101.0 | B | 2584 | 46.2 | 93.7 |
| RGT CABILLDO CL | 2745 | 99.0 | B | 2239 | 53.3 | - |
| LG EXP215 CL | 2594 | 93.6 | B | 2475 | 44.4 | - |
| ARGENSOL 72 CL | 2436 | 87.9 | C | 2272 | 45.6 | - |
| SRM 7810 CLAO | 2377 | 85.7 | C | 2119 | 48.1 | 85.6 |
| NUSOL 4170 CP | 2282 | 82.3 | C | 2282 | 42.0 | - |
| SRM 7510 CL | 2185 | 78.8 | C | 1874 | 50.3 | - |
| MG 360 CP | 1723 | 62.1 | D | 1443 | 51.7 | - |
| Promedio | 2773 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

4.6 Ranking Clearsol y Clearsol Plus | Cuero de Zorro

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 45 | 0.84 | 0.75 | 8.35 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 7201492.13 | 16 | 450093.26 | 9.33 | <0.0001 |
| Cultivar | 5801624.53 | 14 | 414401.75 | 8.59 | <0.0001 |
| Bloque | 1399867.60 | 2 | 699933.80 | 14.5 | <0.0001 |
| Error | 1351419.07 | 28 | 48264.97 | | |
| Total | 8552911.20 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=397.2621

Error: 48264.9667 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3970 CL | 3148 | 119.7 | A | 2704 | 50.2 | - |
| SYN 3975 CLHO | 3094 | 117.7 | A | 2565 | 52.3 | 93.1 |
| SYN 3939 CL | 3010 | 114.5 | A | 2496 | 52.3 | - |
| SYN 3990 CL | 2944 | 112.0 | A | 2606 | 48.5 | - |
| MG 360 CP | 2802 | 106.6 | A | 2382 | 50.8 | - |
| RGT CABILLDO CL | 2784 | 105.9 | A | 2388 | 50.3 | - |
| LG EXP215 CL | 2782 | 105.8 | A | 2600 | 45.5 | - |
| AROMO 105 CL | 2663 | 101.3 | A | 2382 | 47.9 | 82.5 |
| PARAISO 1500 CPHO | 2554 | 97.1 | A | 2276 | 48.1 | 91.6 |
| LG 50750 CL | 2553 | 97.1 | A | 2317 | 47.1 | - |
| PARAISO 1600 CP | 2527 | 96.1 | A | 2228 | 48.7 | - |
| NUSOL 4170 CP | 2324 | 88.4 | B | 2124 | 46.7 | - |
| SRM 7810 CLAO | 2255 | 85.8 | B | 2006 | 48.2 | 84.8 |
| ARGENSOL 72 CL | 2207 | 83.9 | B | 2207 | 42.0 | - |
| SRM 7510 CL | 1796 | 68.3 | C | 1717 | 44.3 | - |
| Promedio | 2630 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

4.7 Ranking Clearsol y Clearsol Plus | Gral. Villegas

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|-------|
| R Bonificado (kg/ha) | 45 | 0.81 | 0.7 | 10.16 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|-------------|----|-----------|------|---------|
| Modelo | 9741740.13 | 16 | 608858.76 | 7.28 | <0.0001 |
| Cultivar | 9714034.53 | 14 | 693859.61 | 8.3 | <0.0001 |
| Bloque | 27705.60 | 2 | 13852.80 | 0.17 | 0.8481 |
| Error | 2340569.07 | 28 | 83591.75 | | |
| Total | 12082309.20 | 44 | | | |

Test:DGC Alfa=0.05 PCALT=522.8087

Error: 83591.7524 gl: 28

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-------------------|------------------|--------|---|-----------------|------|------|
| SYN 3939 CL | 3696 | 129.9 | A | 2889 | 56.0 | - |
| SYN 3975 CLHO | 3328 | 116.9 | A | 2737 | 52.8 | 91.2 |
| MG 360 CP | 3314 | 116.4 | A | 2743 | 52.4 | - |
| SYN 3970 CL | 3247 | 114.1 | A | 2529 | 56.2 | - |
| SYN 3990 CL | 3232 | 113.6 | A | 2753 | 50.7 | - |
| PARAISO 1600 CP | 2939 | 103.3 | B | 2429 | 52.5 | - |
| PARAISO 1500 CPHO | 2849 | 100.1 | B | 2526 | 48.4 | 98.1 |
| NUSOL 4170 CP | 2849 | 100.1 | B | 2406 | 51.2 | - |
| RGT CABILLDO CL | 2808 | 98.7 | B | 2190 | 56.1 | - |
| LG EXP215 CL | 2748 | 96.6 | B | 2329 | 51.0 | - |
| AROMO 105 CL | 2681 | 94.2 | B | 2268 | 51.1 | 86.7 |
| SRM 7810 CLAO | 2665 | 93.6 | B | 2101 | 55.4 | 93.2 |
| SRM 7510 CL | 2273 | 79.9 | C | 1927 | 51.0 | - |
| LG 50750 CL | 2131 | 74.9 | C | 1812 | 50.8 | - |
| ARGENSOL 72 CL | 1932 | 67.9 | C | 1809 | 45.4 | - |
| Promedio | 2846 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes (p > 0.05)

5 Ranking convencionales

Ranking convencionales (Rendimiento Bonificado kg/ha)

| Cultivar | J.J. Paso | Pehuajó | Mari Lauquen | Trebolares | Cuero de Zorro | América CEOS | General Villegas | Promedio | Indice |
|-----------------|-------------|-------------|--------------|-------------|----------------|--------------|------------------|-------------|--------------|
| TOB 3045 | 4347 | 3684 | 3225 | 3110 | 2829 | 2944 | 2979 | 3303 | 107.2 |
| EXP BREVANT | 5011 | 3947 | 3295 | 3077 | 2550 | 2546 | 2428 | 3265 | 106.0 |
| NTO 3.6 | 4437 | 3520 | 3464 | 3324 | 2467 | 2352 | 2661 | 3175 | 103.1 |
| LG 5710 | 4057 | 3418 | 3393 | 2747 | 2761 | 2773 | 2231 | 3054 | 99.1 |
| ARGENSOL 20 MAX | 3721 | 3120 | 2455 | 2558 | 2022 | 2233 | 2140 | 2607 | 84.6 |
| Promedio | 4315 | 3538 | 3166 | 2963 | 2526 | 2570 | 2488 | 3081 | 100,0 |

5.1 Ranking Convencionales | Juan José Paso

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.77 | 0.60 | 7.42 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 2760962.13 | 6 | 460160.36 | 4.49 | 0.0275 |
| Cultivar | 2758899.60 | 4 | 689724.90 | 6.74 | 0.0112 |
| Bloque | 2062.53 | 2 | 1031.27 | 0.01 | 0.9900 |
| Error | 819114.80 | 8 | 102389.35 | | |
| Total | 3580076.93 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=637.5463

Error: 102389.3500 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|---------------------|--------|---|--------------------|---------|---------|
| EXP BREVANT | 5011 | 116.1 | A | 4141 | 52.5 | - |
| NTO 3.6 | 4437 | 102.8 | B | 3607 | 53.5 | 97.4 |
| TOB 3045 | 4347 | 100.8 | B | 3641 | 51.7 | - |
| LG 5710 | 4057 | 94.0 | B | 3468 | 50.5 | - |
| ARGENSOL 20 MAX | 3721 | 86.2 | B | 3137 | 51.3 | - |
| Promedio | 4315 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.2 Ranking Convencionales | Pehuajó

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.78 | 0.62 | 7.47 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 2023301.87 | 6 | 337216.98 | 4.83 | 0.0225 |
| Cultivar | 1133246.93 | 4 | 283311.73 | 4.06 | 0.0437 |
| Bloque | 890054.93 | 2 | 445027.47 | 6.38 | 0.0221 |
| Error | 558281.07 | 8 | 69785.13 | | |
| Total | 2581582.93 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=521.7500

Error: 69785.1333 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|------------------|--------|---|-----------------|------|------|
| EXP BREVANT | 3947 | 111.6 | A | 3432 | 49.5 | - |
| TOB 3045 | 3684 | 104.1 | A | 3170 | 50.1 | - |
| NTO 3.6 | 3520 | 99.5 | A | 3296 | 45.4 | 98.8 |
| LG 5710 | 3418 | 96.6 | A | 2901 | 50.9 | - |
| ARGENSOL 20 MAX | 3120 | 88.2 | B | 2858 | 46.6 | - |
| Promedio | 3538 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.3 Ranking Convencionales | Mari Lauquen

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.79 | 0.63 | 9.99 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 2995709.87 | 6 | 499284.98 | 4.99 | 0.0205 |
| Cultivar | 1996246.27 | 4 | 499061.57 | 4.99 | 0.0258 |
| Bloque | 999463.60 | 2 | 499731.80 | 5.00 | 0.0391 |
| Error | 799963.73 | 8 | 99995.47 | | |
| Total | 3795673.60 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=630.0492

Error: 99995.4667 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|------------------|--------|---|-----------------|------|------|
| NTO 3.6 | 3464 | 109.4 | A | 2839 | 53.0 | 97.1 |
| LG 5710 | 3393 | 107.2 | A | 2981 | 48.9 | - |
| EXP BREVANT | 3295 | 104.1 | A | 2723 | 52.5 | - |
| TOB 3045 | 3225 | 101.9 | A | 2948 | 46.7 | - |
| ARGENSOL 20 MAX | 2455 | 77.5 | B | 2257 | 46.4 | - |
| Promedio | 3166 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.4 Ranking Convencionales | Trebolares

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.7 | 0.47 | 7.79 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 973049.07 | 6 | 162174.84 | 3.08 | 0.0720 |
| Cultivar | 935464.67 | 4 | 233866.17 | 4.45 | 0.0348 |
| Bloque | 37584.40 | 2 | 18792.20 | 0.36 | 0.7102 |
| Error | 420734.93 | 8 | 52591.87 | | |
| Total | 1393784.00 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=456.9236

Error: 52591.8667 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|------------------|--------|---|-----------------|------|------|
| NTO 3.6 | 3324 | 112.2 | A | 2393 | 51.5 | 97.4 |
| TOB 3045 | 3110 | 105.0 | A | 2555 | 48.3 | - |
| EXP BREVANT | 3077 | 103.8 | A | 2007 | 46.0 | - |
| LG 5710 | 2747 | 92.7 | B | 1884 | 47.8 | - |
| ARGENSOL 20 MAX | 2558 | 86.3 | B | 1993 | 43.1 | - |
| Promedio | 2963 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.5 Ranking Convencionales | Amércia CEOS

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.72 | 0.51 | 9.04 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 1125500.27 | 6 | 187583.38 | 3.48 | 0.0538 |
| Cultivar | 1027273.73 | 4 | 256818.43 | 4.76 | 0.0292 |
| Bloque | 98226.53 | 2 | 49113.27 | 0.91 | 0.4403 |
| Error | 431539.47 | 8 | 53942.43 | | |
| Total | 1557039.14 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=462.7534

Error: 53942.4333 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|---------------------|--------|---|--------------------|---------|---------|
| TOB 3045 | 2944 | 114.6 | A | 2777 | 45.0 | - |
| LG 5710 | 2773 | 107.9 | A | 2485 | 47.8 | - |
| EXP BREVANT | 2546 | 99.1 | B | 2344 | 46.3 | - |
| NTO 3.6 | 2352 | 91.5 | B | 1963 | 51.9 | 97.9 |
| ARGENSOL 20 MAX | 2233 | 86.9 | B | 2233 | 43.0 | - |
| Promedio | 2570 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.6 Ranking Convencionales | Cuero de Zorro

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|------|
| R Bonificado (kg/ha) | 15 | 0.83 | 0.70 | 7.81 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 1474794.80 | 6 | 245799.13 | 6.32 | 0.0102 |
| Cultivar | 1214968.00 | 4 | 303742.00 | 7.81 | 0.0072 |
| Bloque | 259826.80 | 2 | 129913.40 | 3.34 | 0.0881 |
| Error | 310969.20 | 8 | 38871.15 | | |
| Total | 1785764.00 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=462.7534

Error: 53942.4333 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|---------------------|--------|---|--------------------|---------|---------|
| TOB 3045 | 2829 | 112.0 | A | 2664 | 45.1 | - |
| LG 5710 | 2761 | 109.3 | A | 2368 | 50.3 | - |
| EXP BREVANT | 2550 | 101.0 | A | 2353 | 46.2 | - |
| NTO 3.6 | 2467 | 97.7 | A | 2116 | 50.3 | 94.7 |
| ARGENSOL 20 MAX | 2022 | 80.1 | B | 1933 | 44.3 | - |
| Promedio | 2526 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

5.7 Ranking Convencionales | Gral. Villegas

Análisis de la varianza

| Variable | N | R ² | R ² Aj | CV |
|----------------------|----|----------------|-------------------|-----|
| R Bonificado (kg/ha) | 15 | 0.81 | 0.66 | 8.3 |

Cuadro de Análisis de la Varianza (SC tipo III)

| F.V. | SC | gl | CM | F | p-valor |
|----------|------------|----|-----------|------|---------|
| Modelo | 1419812.00 | 6 | 236635.33 | 5.55 | 0.0151 |
| Cultivar | 1386151.60 | 4 | 346537.90 | 8.12 | 0.0064 |
| Bloque | 33660.40 | 2 | 16830.20 | 0.39 | 0.6865 |
| Error | 341363.60 | 8 | 42670.45 | | |
| Total | 1761175.60 | 14 | | | |

Test:DGC Alfa=0.05 PCALT=411.5740

Error: 42670.4500 gl: 8

| Cultivar | R Bonif. (kg/ha) | Indice | | R Grano (kg/ha) | MG % | AO % |
|-----------------|------------------|--------|---|-----------------|------|------|
| TOB 3045 | 2979 | 119.7 | A | 2555 | 50.3 | - |
| NTO 3.6 | 2661 | 107.0 | B | 2393 | 47.6 | 97.6 |
| EXP BREVANT | 2428 | 97.6 | B | 2007 | 52.5 | - |
| LG 5710 | 2231 | 89.7 | B | 1884 | 51.2 | - |
| ARGENSOL 20 MAX | 2140 | 86.0 | B | 1996 | 45.6 | - |
| Promedio | 2488 | 100,0 | | | | |

Medias con una letra común no son significativamente diferentes ($p > 0.05$)

6.1 Densidad a Cosecha

| Cultivar | Mari Lauquen | Trebolares | Cuero de Zorro | América CEOS | J.J. Paso | Pehuajó | Gral. Villegas | Promedio |
|-------------------|--------------|--------------|----------------|--------------|--------------|--------------|----------------|--------------|
| ARGENSOL 20 MAX | 43595 | 41839 | 47267 | 49891 | 53522 | 45551 | 48942 | 47230 |
| ARGENSOL 72 CL | 47698 | 51489 | 47915 | 52697 | 52010 | 47759 | 50110 | 49954 |
| AROMO 105 CL | 55259 | 50003 | 49210 | 56862 | 54614 | 55561 | 45949 | 52494 |
| EXP BREVANT | 52852 | 52771 | 50720 | 46375 | 57471 | 53669 | 48285 | 51735 |
| LG 50750 CL | 41436 | 47845 | 50073 | 44450 | 48211 | 47933 | 51452 | 47343 |
| LG 5710 | 31699 | 38075 | 44245 | 37389 | 39402 | 34263 | 38458 | 37647 |
| LG EXP215 CL | 47742 | 52345 | 51065 | 49046 | 48036 | 46829 | 51707 | 49539 |
| MG 360 CP | 51790 | 49806 | 49857 | 52697 | 56069 | 50308 | 51196 | 51675 |
| NTO 3.6 | 50938 | 47870 | 47915 | 51402 | 53156 | 51278 | 50380 | 50420 |
| NUSOL 4170 CP | 53526 | 52803 | 49641 | 57239 | 58420 | 51925 | 51410 | 53566 |
| PARAISO 1500 CPHO | 54175 | 53844 | 49210 | 53229 | 56357 | 53545 | 50498 | 52980 |
| PARAISO 1600 CP | 52233 | 52123 | 52036 | 58266 | 57621 | 53761 | 52793 | 54119 |
| RGT CABILLDO CL | 53107 | 49832 | 48617 | 50512 | 53135 | 53545 | 47587 | 50905 |
| SRM 7510 CL | 45963 | 51302 | 48130 | 52509 | 53156 | 50241 | 50297 | 50228 |
| SRM 7810 CLAO | 47050 | 50213 | 47915 | 54515 | 53200 | 49868 | 48527 | 50184 |
| SYN 3939 CL | 51380 | 47455 | 47965 | 52275 | 50231 | 50067 | 50885 | 50037 |
| SYN 3970 CL | 53700 | 50428 | 50720 | 50809 | 56172 | 52954 | 49813 | 52085 |
| SYN 3975 CLHO | 48103 | 48562 | 50289 | 48390 | 50715 | 48547 | 48714 | 49046 |
| SYN 3990 CL | 54808 | 51939 | 47699 | 51889 | 57227 | 55777 | 49572 | 52702 |
| TOB 3045 | 54797 | 54053 | 52634 | 56944 | 57029 | 56284 | 51369 | 54730 |
| Promedio | 49593 | 49730 | 49156 | 51369 | 53288 | 50483 | 49397 | 50431 |

6.2 Humedad de Cosecha

| Cultivar | Mari Lauquen | Trebolares | Cuero de Zorro | América CEOS | J.J. Paso | Pehuajó | Gral. Villegas | Promedio |
|-------------------|--------------|------------|----------------|--------------|------------|------------|----------------|------------|
| ARGENSOL 20 MAX | 4.2 | 5.4 | 5.7 | 6.8 | 5.4 | 5.8 | 6.4 | 5.7 |
| SRM 7810 CLAO | 6.4 | 5.0 | 5.8 | 6.7 | 6.3 | 6.5 | 6.6 | 6.2 |
| SRM 7510 CL | 5.2 | 4.4 | 5.7 | 6.6 | 6.4 | 6.9 | 8.5 | 6.3 |
| TOB 3045 | 5.5 | 5.6 | 5.8 | 7.4 | 5.4 | 6.9 | 7.7 | 6.3 |
| PARAISO 1500 CPHO | 4.9 | 5.4 | 5.5 | 5.6 | 6.4 | 7.4 | 9.7 | 6.4 |
| LG 50750 CL | 5.6 | 4.6 | 5.7 | 5.4 | 5.7 | 9.2 | 8.8 | 6.4 |
| ARGENSOL 72 CL | 4.6 | 6.9 | 8.6 | 5.4 | 5.1 | 6.7 | 9.0 | 6.6 |
| SYN 3939 CL | 5.1 | 4.4 | 5.7 | 5.6 | 7.5 | 9.5 | 9.5 | 6.8 |
| LG EXP215 CL | 7.0 | 4.9 | 6.4 | 5.7 | 6.8 | 8.4 | 9.5 | 6.9 |
| PARAISO 1600 CP | 5.6 | 5.0 | 5.6 | 8.0 | 7.4 | 9.1 | 9.5 | 7.2 |
| AROMO 105 CL | 5.6 | 5.2 | 5.9 | 6.7 | 7.6 | 7.7 | 11.7 | 7.2 |
| RGT CABILLDO CL | 7.4 | 4.4 | 5.8 | 8.3 | 7.3 | 9.9 | 11.2 | 7.8 |
| EXP BREVANT | 7.5 | 7.4 | 5.6 | 10.0 | 8.4 | 9.8 | 10.5 | 8.5 |
| SYN 3990 CL | 5.6 | 8.0 | 6.3 | 6.7 | 8.7 | 11.8 | 14.2 | 8.8 |
| SYN 3970 CL | 5.5 | 6.2 | 6.6 | 9.7 | 9.4 | 12.8 | 12.4 | 8.9 |
| NUSOL 4170 CP | 8.3 | 6.4 | 6.1 | 7.7 | 9.5 | 12.5 | 12.5 | 9.0 |
| LG 5710 | 8.9 | 8.3 | 7.7 | 13.7 | 8.9 | 12.4 | 14.1 | 10.6 |
| SYN 3975 CLHO | 10.8 | 8.1 | 8.9 | 12.4 | 13.8 | 14.6 | 15.0 | 11.9 |
| NTO 3.6 | 13.5 | 9.6 | 12.5 | 15.4 | 15.6 | 14.4 | 17.6 | 14.1 |
| MG 360 CP | 13.4 | 9.6 | 12.7 | 16.0 | 15.0 | 15.1 | 17.2 | 14.1 |
| Promedio | 7.0 | 6.2 | 6.9 | 8.5 | 8.3 | 9.9 | 11.1 | 8.3 |

6.3 Vuelco a Cosecha

| Cultivar | Mari Lauquen | Trebolares | Cuero de Zorro | América CEOS | J.J. Paso | Pehuajó | Gral. Villegas | Promedio |
|-------------------|--------------|-------------|----------------|--------------|-------------|-------------|----------------|-------------|
| SYN 3990 CL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LG 5710 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |
| NTO 3.6 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 |
| MG 360 CP | 0.42 | 0.00 | 0.00 | 0.00 | 0.42 | 0.00 | 0.00 | 0.12 |
| SYN 3970 CL | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 0.00 | 0.21 |
| SYN 3939 CL | 1.30 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 |
| PARAISO 1500 CPHO | 2.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 |
| NUSOL 4170 CP | 2.87 | 0.00 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 |
| SRM 7810 CLAO | 3.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.53 |
| SYN 3975 CLHO | 2.41 | 0.42 | 0.00 | 0.00 | 0.00 | 0.91 | 0.00 | 0.53 |
| RGT CABILLDO CL | 4.01 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.64 |
| PARAISO 1600 CP | 4.91 | 0.41 | 0.00 | 0.35 | 0.00 | 0.00 | 0.45 | 0.87 |
| TOB 3045 | 8.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25 |
| ARGENSOL 20 MAX | 8.50 | 0.54 | 0.00 | 0.00 | 0.00 | 0.48 | 0.00 | 1.36 |
| SRM 7510 CL | 11.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.00 | 1.69 |
| EXP BREVANT | 11.31 | 0.00 | 0.44 | 0.00 | 0.00 | 0.89 | 0.00 | 1.81 |
| LG 50750 CL | 12.15 | 0.00 | 0.95 | 0.00 | 0.00 | 0.00 | 0.44 | 1.93 |
| ARGENSOL 72 CL | 18.86 | 0.00 | 0.46 | 0.00 | 0.00 | 0.42 | 0.00 | 2.82 |
| AROMO 105 CL | 27.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.87 |
| LG EXP215 CL | 28.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 4.08 |
| Promedio | 7.51 | 0.11 | 0.16 | 0.02 | 0.02 | 0.20 | 0.07 | 1.15 |

6.4 Quebrado a Cosecha

| Cultivar | Mari Lauquen | Trebolares | Cuero de Zorro | América CEOS | J.J. Paso | Pehuajó | Gral. Villegas | Promedio |
|-------------------|--------------|-------------|----------------|--------------|-------------|-------------|----------------|-------------|
| LG 5710 | 0.00 | 1.60 | 0.00 | 0.55 | 0.00 | 0.00 | 0.42 | 0.37 |
| SYN 3970 CL | 0.00 | 0.00 | 0.00 | 4.64 | 0.00 | 0.00 | 0.00 | 0.66 |
| SYN 3939 CL | 1.65 | 0.00 | 0.00 | 3.28 | 0.00 | 0.42 | 0.45 | 0.83 |
| PARAISO 1600 CP | 0.81 | 0.82 | 0.43 | 5.78 | 0.00 | 0.00 | 0.00 | 1.12 |
| EXP BREVANT | 0.00 | 0.94 | 1.27 | 6.61 | 0.00 | 0.89 | 0.00 | 1.39 |
| LG EXP215 CL | 0.48 | 0.00 | 0.44 | 8.96 | 0.00 | 0.00 | 0.89 | 1.54 |
| SRM 7510 CL | 0.00 | 0.00 | 0.00 | 9.09 | 0.00 | 1.33 | 0.46 | 1.55 |
| SYN 3975 CLHO | 1.34 | 0.83 | 0.00 | 9.30 | 0.00 | 0.88 | 0.00 | 1.76 |
| SYN 3990 CL | 0.78 | 0.85 | 0.00 | 8.85 | 0.00 | 1.55 | 0.47 | 1.79 |
| TOB 3045 | 1.14 | 0.00 | 0.43 | 11.48 | 0.00 | 0.00 | 0.00 | 1.86 |
| AROMO 105 CL | 0.77 | 1.43 | 0.46 | 11.68 | 0.00 | 0.00 | 1.54 | 2.27 |
| LG 50750 CL | 5.12 | 0.00 | 0.50 | 10.63 | 0.00 | 0.00 | 0.00 | 2.32 |
| ARGENSOL 72 CL | 2.70 | 0.00 | 0.00 | 13.18 | 0.00 | 0.42 | 0.00 | 2.33 |
| PARAISO 1500 CPHO | 4.40 | 0.00 | 0.44 | 11.17 | 0.00 | 0.00 | 0.44 | 2.35 |
| NUSOL 4170 CP | 1.98 | 0.42 | 0.00 | 15.02 | 0.00 | 0.00 | 0.00 | 2.49 |
| ARGENSOL 20 MAX | 4.99 | 2.69 | 0.47 | 10.93 | 0.00 | 0.48 | 0.45 | 2.86 |
| SRM 7810 CLAO | 2.38 | 0.00 | 0.44 | 17.64 | 0.79 | 1.25 | 0.47 | 3.28 |
| NTO 3.6 | 3.82 | 0.39 | 0.42 | 27.36 | 0.00 | 0.00 | 0.00 | 4.57 |
| MG 360 CP | 2.98 | 0.93 | 0.00 | 62.05 | 0.00 | 0.00 | 0.00 | 9.42 |
| RGT CABILLDO CL | 1.18 | 0.81 | 0.00 | 65.05 | 0.00 | 0.00 | 1.03 | 9.72 |
| Promedio | 1.83 | 0.59 | 0.27 | 15.66 | 0.04 | 0.36 | 0.33 | 2.72 |

La Red de Ensayos de Girasol del Oeste, nació en 2009 y se convirtió en la referencia zonal de mayor consulta. Nuestra experiencia y las inversiones realizadas, permitieron alcanzar resultados de máxima calidad y confiabilidad.



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