



# Remo

Red de Ensayos  
de Maíz del Oeste

## Informe final

Resultados para  
Siembra temprana y tardía

# 2018/19

Información confiable para las

# #AgroDecisiones

 **OdS** Investigación  
+ Extensión

en articulación con





	Fecha Temprana			Fecha Tardía		
	Siembra fecha 2018	Cosecha fecha 2019	Rend. kg/ha	Siembra fecha 2018	Cosecha fecha 2019	Rend. kg/ha
<b>General Villegas</b> Partido de General Villegas, Buenos Aires	11 OCT	DESCARTADA*	-	30 NOV	10 JUN	10984
	CAMPO	San Carlos	PROD. Alcides Muñoz			
<b>America NORTE</b> Partido de Rivadavia, Buenos Aires	6 OCT	21 MAR	13817	28 NOV	16 MAY	12903
	CAMPO	Don Eugenio	PROD. Rincon de Corrientes			
<b>Tres Algarrobos</b> Partido de Carlos Tejedor, Buenos Aires	12 OCT	25 MAR	12495	30 NOV	15 MAY	12736
	CAMPO	San Patricio	PROD. Garret Arturo Ronaldo			
<b>González Moreno</b> Partido de Rivadavia, Buenos Aires	22 OCT	17 MAY	10220	7 DIC	DESCARTADA*	-
	CAMPO	Chaperone	PROD. Cesar Tolosa			
<b>Cerrito</b> Partido de Rivadavia, Buenos Aires	26 SEP	20 MAR	12588	29 NOV	15 MAY	11582
	CAMPO	Santa Ana	PROD. Sucesores de German Alvarez			
<b>America SUR I</b> Partido de Rivadavia, Buenos Aires	5 OCT	14 MAR	11147	29 NOV	3 MAY	12539
	CAMPO	La Maria	PROD. Pago Viejo			
<b>America SUR II</b> Partido de Rivadavia, Buenos Aires	1 OCT	13 MAR	11527	28 NOV	14 MAY	11999
	CAMPO	El Tejon	PROD. Pelayo SA			
<b>Cuero de Zorro</b> Partido de Trenque Lauquen, Buenos Aires	8 OCT	26 MAR	12385	3 DIC	24 MAY	12845
	CAMPO	La Chiquita	PROD. Sucesores de German Alvarez			
<b>Pehuajó</b> Partido de Pehuajo, Buenos Aires	1 NOV	21 MAY	8544	6 DIC	21 MAY	10246
	CAMPO	La Maria	PROD. Segundo Julianeli			
<b>Trenque Lauquen</b> Partido de Trenque Lauquen, Buenos Aires	16 OCT	DESCARTADA*	-	4 DIC	DESCARTADA*	-
	CAMPO	La Morita	PROD. Gustavo Vila Ase			
<b>Mari Lauquen</b> Partido de Trenque Lauquen, Buenos Aires	26 OCT	29 MAR	11663	4 DIC	23 MAY	9071
	CAMPO	La Christine	PROD. Max Van Tuill			

\*excesos hídricos o granizo.

The Syngenta logo features the word "syngenta" in a blue, lowercase sans-serif font. A green leaf icon is positioned above the letter 'g'.

The Rizobacter logo consists of a stylized triangle icon on the left, composed of yellow, green, and blue segments. To its right, the word "RIZOBACTER" is written in a bold, blue, uppercase sans-serif font.

The Gesaprim 90 WDG logo features a diamond-shaped icon on the left, split into green and brown halves. To its right, the text "Gesaprim<sup>®</sup> 90 WDG" is displayed in a green sans-serif font.

The Sulfosato Touchdown logo includes a square icon on the left, divided into blue and green sections. To its right, the text "Sulfosato<sup>®</sup>" is in a bold black font, with "Touchdown" in a smaller black font below it.

The Acuron Gold logo features a stylized leaf icon on the left, with green and purple segments. To its right, the text "Acuron<sup>™</sup> Gold" is written in a purple sans-serif font.

The Ampligo logo consists of a square icon on the left, split into orange and green halves. To its right, the text "Ampligo<sup>®</sup>" is displayed in a black sans-serif font.

The Microstar PZ logo features the word "Fertilizante" in a small black font above the word "Microstar<sup>®</sup>" in a large, bold, green sans-serif font. Below "Microstar" is the text "PZ" in a green, outlined sans-serif font.



ACA 473 VT3P    
 ACA EXP 540 VT3P    
 ACA EXP.18 MZ223VT3P



KM 4500 GLS    
 KM 3916 GLS



AS 740 VT3P



Nord Acrux PW    
 Nord Borax PW



LT 721 VT3P    
 LT 723 VT3P



PAN 5175 PW



ARG 7712 RR



LG 30.775 VT3P    
 SRM 6620 MGRR    
 SRM 566 VT3P    
 SRM F1B11C02 MGRR    
 SRM F1B11C07 MGRR



P1815VYHR    
 P2005YHR    
 P2103YHR    
 P2109VYHR    
 P EXP



MH 7 1.1



Next 22.6 PWE nlist    
 Next 20.6 PWE nlist    
 B 507 PWU



MS 7123 PW



SYN 979 Viptera 3    
 SYN 875 Viptera 3    
 SYN 848 Viptera 3



DM 2772 VT3PRO



DK 72-70 VT3P    
 DK 72-27 VT3P



TOB 767 Viptera 3



AX 7761 VT3P    
 AX 7784 VT3P

Siembra temprana  Siembra temprana + tardía  Siembra tardía

## Precipitaciones mensuales

● Por encima de la media   
 ● En la media   
 ● Por debajo de la media

Remo	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ENE	FEB	MAR	ABR	AÑO
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	41	103	37	129	29	48	71	21	124	663
2018-19	82	14	32	22	77	11	95	194	121	98	39	43	828
<b>Promedio</b>	<b>41.7</b>	<b>10.8</b>	<b>24.4</b>	<b>24.5</b>	<b>54.6</b>	<b>97.8</b>	<b>138</b>	<b>100.7</b>	<b>102.2</b>	<b>106.6</b>	<b>102.4</b>	<b>131.3</b>	<b>935</b>

### Máximas en la estación de crecimiento

Remo	SEP	OCT	NOV	DIC	ENE	FEB	MAR	ABR	Media
2009-10	18.8	25.6	26.9	27.1	29.9	26.7	28.4	23.1	25.8
2010-11	20.6	23.9	28.8	31.5	29.3	27.9	28.2	25.9	27.0
2011-12	23.8	22.0	27.9	30.9	32.3	26.8	25.9	22.4	26.5
2012-13	19.2	22.1	27.1	28.0	31.5	26.6	25.1	21.3	25.1
2013-14	19.3	24.3	28.5	32.0	30.7	25.9	25.0	25.1	26.4
2014-15	21.7	26.0	27.5	29.1	29.6	28.4	29.0	21.9	26.7
2015-16	19.6	19.6	26.6	29.7	28.9	29.0	26.2	26.0	25.7
2016-17	21.1	20.6	27.1	31.1	31.4	30.5	27.8	26.4	27.0
2017-18	19.3	22.9	26.2	29.4	31.2	31.7	28.8	24.4	26.7
2018-19	22.9	23.1	27	29.4	29.2	27.9	25.6	25.3	26.3
<b>Prom.</b>	<b>20.6</b>	<b>23.0</b>	<b>27.4</b>	<b>29.8</b>	<b>30.4</b>	<b>28.1</b>	<b>27.0</b>	<b>24.2</b>	<b>26.3</b>

### Mínimas en la estación de crecimiento

Remo	SEP	OCT	NOV	DIC	ENE	FEB	MAR	ABR	Media	Uma. Helada	Pra. Helada
2009-10	3.4	7.1	10.8	14.1	15.5	14.5	13.4	5.8	10.6	15/10/2009	22/04/2010
2010-11	5.3	7.3	10.7	13.7	14.4	12.8	10.2	6.7	10.1	17/09/2010	02/05/2011
2011-12	5.1	7.8	12.9	13.3	15.6	14.7	12.9	8.6	11.4	03/10/2011	04/06/2012
2012-13	6.8	11.0	14.7	15.4	15.7	15.1	13.1	9.1	12.6	26/09/2012	15/05/2013
2013-14	4.4	9.4	12.7	16.2	14.1	14.0	10.1	10.1	11.4	24/09/2013	18/04/2014
2014-15	6.4	11.0	11.5	13.7	15.9	14.3	14.0	9.4	12.0	26/09/2014	11/06/2015
2015-16	2.9	7.0	11.2	15.6	16.6	16.1	18.6	11.6	12.5	12/10/2015	28/04/2016
2016-17	6.3	11.4	13.6	16.3	17.0	17.6	18.9	12.2	14.2	07/09/2016	12/06/2017
2017-18	7.6	9.7	11.5	15.7	15.6	15.4	10.0	13.7	12.4	18/07/2017	13/04/2018
2018-19	7.94	9.5	12.8	14.4	16.6	14.2	11.7	9.6	12.1	2/12/2018	26/2/2019
<b>Prom.</b>	<b>5.6</b>	<b>9.1</b>	<b>12.2</b>	<b>14.8</b>	<b>15.7</b>	<b>14.9</b>	<b>13.3</b>	<b>9.7</b>	<b>11.9</b>		



## Ranking Final Siembra Temprana. Rendimiento en kg/ha 14.5%.

Test:DGC Alfa=0.10 PCALT=531.5151  
Medias con una letra común no son significativamente diferentes (p > 0.10)

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	Pehuajó	Cuero de Zorro	G. Moreno	Promedio	Indice	
AX 7761 VT3P	14535	12168	13594	12463	13132	14061	9237	13188	11571	<b>12661</b>	109.2	A
TOB 767 Viptera 3	14893	12094	13092	12031	12863	14204	9234	14209	10820	<b>12604</b>	108.7	A
Next 22.6 PWE	14985	11233	13220	12534	14271	13531	8491	13150	12011	<b>12603</b>	108.7	A
LT 723 VT3P	14171	12807	12987	12825	12454	12457	9863	12840	11032	<b>12382</b>	106.8	A
SYN 979 Viptera 3	15156	11289	14651	13334	12104	13886	8103	12593	10289	<b>12378</b>	106.7	A
Nord Acrux PW	15700	11939	12504	12392	11934	13997	8960	13058	10483	<b>12330</b>	106.3	A
AX 7784 VT3P	15163	12399	14137	12539	11158	13937	9305	12281	9988	<b>12323</b>	106.2	A
LT 721 VT3P	14240	12513	14021	11300	11600	13047	9670	14034	10228	<b>12295</b>	106.0	A
Next 20.6 PWE	14701	11681	12598	11527	13167	12914	7932	13673	11754	<b>12216</b>	105.3	A
SRM F1B11C02 MGRR	12996	12513	11444	12000	14238	13764	8294	12685	11987	<b>12213</b>	105.3	A
MS 7123 PW	14640	11991	12695	12669	11633	13525	9174	12371	10271	<b>12108</b>	104.4	A
DK 72-27 VT3P	13516	12117	13037	12615	11652	12719	9383	12226	10264	<b>11948</b>	103.0	B
MH 7 1.1	14634	11463	12493	11846	12988	11288	8280	12473	11382	<b>11872</b>	102.4	B
SYN 875 Viptera 3	14014	11099	12760	11814	12166	12831	8097	13470	10574	<b>11869</b>	102.3	B
B 507 PWU	15357	11284	13028	11572	12384	13382	8385	10729	10529	<b>11850</b>	102.2	B
DK 72-70 VT3P	13761	11527	13737	11001	11990	11928	8548	13532	10591	<b>11846</b>	102.1	B
DM 2772 VT3P	14456	11208	12210	12168	12025	11789	9351	12491	10480	<b>11798</b>	101.7	B
ACA 473 VT3P	13133	11176	12786	11369	11823	13017	9728	12253	10581	<b>11763</b>	101.4	B
<b>SRM 6620 MGRR</b>	<b>12872</b>	<b>9786</b>	<b>12157</b>	<b>12118</b>	<b>12716</b>	<b>12778</b>	<b>7775</b>	<b>13538</b>	<b>11289</b>	<b>11670</b>	100.6	B
ACA EXP:18 MZ223VT3P	13609	11725	11474	10988	11850	10801	8999	12545	10375	<b>11374</b>	98.1	B
P2103YHR	13308	10385	13096	10365	12138	12549	7768	12218	10487	<b>11368</b>	98.0	B
SRM 566 VT3P	13152	11313	11739	10053	11855	12136	8853	12675	10226	<b>11334</b>	97.7	B
P1815VYHR	14444	10925	12554	11761	9798	13063	8500	12058	8724	<b>11314</b>	97.5	B
LG 30.775 VT3P	13425	10883	13340	11408	10844	11931	8084	12158	9616	<b>11299</b>	97.4	B
P2005YHR	12305	10692	11975	11752	9989	12645	7724	11501	8750	<b>10815</b>	93.2	C
SYN 848 Viptera 3	12996	10720	12213	11328	9907	11928	7856	11420	8630	<b>10777</b>	92.9	C
ARG 7712 RR	12801	10231	12092	10840	11751	10582	7526	10600	10326	<b>10750</b>	92.7	C
ACA EXP 540 VT3P	13177	9794	10830	9977	10308	11433	8660	11535	9132	<b>10538</b>	90.9	C
SRM F1B11C07 MGRR	12566	8291	11794	10458	11644	11375	7521	10807	9905	<b>10485</b>	90.4	C
PAN 5175 PW	12069	10420	11959	10463	8600	11478	8493	11015	7892	<b>10266</b>	88.5	C
KM 4500 GLS	12978	9616	11920	8830	8797	10725	7765	12203	8528	<b>10151</b>	87.5	C
AS 740 VT3P	12378	9412	10686	10525	9435	10144	7861	10793	8342	<b>9953</b>	85.8	C
<b>Promedio</b>	<b>13817</b>	<b>11147</b>	<b>12588</b>	<b>11527</b>	<b>11663</b>	<b>12495</b>	<b>8544</b>	<b>12385</b>	<b>10220</b>	<b>11598</b>	<b>100.0</b>	

## América NORTE. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.71	0.55	7.32

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	153087541.7	33	4639016.42	4.53	<0.0001
<b>Bloque</b>	61120395.25	2	30560197.63	29.85	<0.0001
<b>Cultivar</b>	91967146.49	31	2966682.14	2.9	0.0002
<b>Error</b>	63469329.42	62	1023698.86		
<b>Total</b>	216556871.2	95			

Test:DGC Alfa=0.10 PCALT=1681.1880

Error: 1023698.8616 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice
Nord Acrux PW	15700	113.6
B 507 PWU	15357	111.1
AX 7784 VT3P	15163	109.7
SYN 979 Viptera 3	15156	109.7
Next 22.6 PWE	14985	108.5
TOB 767 Viptera 3	14893	107.8
Next 20.6 PWE	14701	106.4
MS 7123 PW	14640	106.0
MH 7 1.1	14634	105.9
AX 7761 VT3P	14535	105.2
DM 2772 VT3PRO	14456	104.6
P1815VYHR	14444	104.5
LT 721 VT3P	14240	103.1
LT 723 VT3P	14171	102.6
SYN 875 Viptera 3	14014	101.4
DK 72-70 VT3P	13761	99.6
ACA EXP:18 MZ223VT3P	13609	98.5
DK 72-27 VT3P	13516	97.8
LG 30.775 VT3P	13425	97.2
P2103YHR	13308	96.3
ACA EXP 540 VT3P	13177	95.4
SRM 566 VT3P	13152	95.2
ACA 473 VT3P	13133	95.1
SYN 848 Viptera 3	12996	94.1
SRM F1B11C02 MGRR	12996	94.1
KM 4500 GLS	12978	93.9
SRM 6620 MGRR	12872	93.2
ARG 7712 RR	12801	92.6
SRM F1B11C07 MGRR	12566	90.9
AS 740 VT3P	12378	89.6
P2005YHR	12305	89.1
PAN 5175 PW	12069	87.3
<b>Promedio</b>	<b>13817</b>	100.0

Medias con una letra común no son significativamente diferentes (p > 0.10)



## América SUR I. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.8	0.69	5.83

### → Cuadro de Análisis de la Varianza (SC tipo I)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	104483360.1	33	3166162.43	7.49	<0.0001
<b>Bloque</b>	5867924.77	2	2933962.39	6.94	0.0019
<b>Cultivar</b>	98615435.33	31	3181143.08	7.53	<0.0001
<b>Error</b>	26207401.23	62	422700.02		
<b>Total</b>	130690761.3	95			

Test:DGC Alfa=0.10 PCALT=1080.3048  
Error: 422700.0198 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice
LT 723 VT3P	12807	114.9
SRM F1B11C02 MGRR	12513	112.3
LT 721 VT3P	12513	112.3
AX 7784 VT3P	12399	111.2
AX 7761 VT3P	12168	109.2
DK 72-27 VT3P	12117	108.7
TOB 767 Viptera 3	12094	108.5
MS 7123 PW	11991	107.6
Nord Acrux PW	11939	107.1
ACA EXP.18 MZ223VT3P	11725	105.2
Next 20.6 PWE	11681	104.8
DK 72-70 VT3P	11527	103.4
MH 7 1.1	11463	102.8
SRM 566 VT3P	11313	101.5
SYN 979 Viptera 3	11289	101.3
B 507 PWU	11284	101.2
Next 22.6 PWE	11233	100.8
DM 2772 VT3PRO	11208	100.6
ACA 473 VT3P	11176	100.3
SYN 875 Viptera 3	11099	99.6
P1815VYHR	10925	98.0
LG 30.775 VT3P	10883	97.6
SYN 848 Viptera 3	10720	96.2
P2005YHR	10692	95.9
PAN 5175 PW	10420	93.5
P2103YHR	10385	93.2
ARG 7712 RR	10231	91.8
ACA EXP 540 VT3P	9794	87.9
SRM 6620 MGRR	9786	87.8
KM 4500 GLS	9616	86.3
AS 740 VT3P	9412	84.4
SRM F1B11C07 MGRR	8291	74.4
<b>Promedio</b>	<b>11147</b>	100.0

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Cerrito. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.69	0.52	6.67

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	96333055.64	33	2919183.5	4.15	<0.0001
<b>Bloque</b>	19212875.65	2	9606437.82	13.64	<0.0001
<b>Cultivar</b>	77120179.99	31	2487747.74	3.53	<0.0001
<b>Error</b>	43663516.35	62	704250.26		
<b>Total</b>	139996572	95			

Test:DGC Alfa=0.10 PCALT=1394.4202

Error: 704250.2638 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice
SYN 979 Viptera 3	14651	116.4
AX 7784 VT3P	14137	112.3
LT 721 VT3P	14021	111.4
DK 72-70 VT3P	13737	109.1
AX 7761 VT3P	13594	108.0
LG 30.775 VT3P	13340	106.0
Next 22.6 PWE	13220	105.0
P2103YHR	13096	104.0
TOB 767 Viptera 3	13092	104.0
DK 72-27 VT3P	13037	103.6
B 507 PWU	13028	103.5
LT 723 VT3P	12987	103.2
ACA 473 VT3P	12786	101.6
SYN 875 Viptera 3	12760	101.4
MS 7123 PW	12695	100.8
Next 20.6 PWE	12598	100.1
P1815VYHR	12554	99.7
Nord Acrux PW	12504	99.3
MH 7 1.1	12493	99.2
SYN 848 Viptera 3	12213	97.0
DM 2772 VT3PRO	12210	97.0
SRM 6620 MGRR	12157	96.6
ARG 7712 RR	12092	96.1
P2005YHR	11975	95.1
PAN 5175 PW	11959	95.0
KM 4500 GLS	11920	94.7
SRM F1B11C07 MGRR	11794	93.7
SRM 566 VT3P	11739	93.3
ACA EXP:18 MZ223VT3P	11474	91.2
SRM F1B11C02 MGRR	11444	90.9
ACA EXP 540 VT3P	10830	86.0
AS 740 VT3P	10686	84.9
<b>Promedio</b>	<b>12588</b>	100.0

Medias con una letra común no son significativamente diferentes (p > 0.10)

## América SUR II. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.75	0.61	6.34

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	98668164.57	33	2989944.38	5.6	<0.0001
<b>Bloque</b>	7845229	2	3922614.5	7.34	0.0014
<b>Cultivar</b>	90822935.57	31	2929772.12	5.48	<0.0001
<b>Error</b>	33117448.33	62	534152.39		
<b>Total</b>	131785612.9	95			

Test:DGC Alfa=0.10 PCALT=1214.4028  
Error: 534152.3925 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice	
SYN 979 Viptera 3	13334	115.7	A
LT 723 VT3P	12825	111.3	A
MS 7123 PW	12669	109.9	A
DK 72-27 VT3P	12615	109.4	A
AX 7784 VT3P	12539	108.8	A
Next 22.6 PWE	12534	108.7	A
AX 7761 VT3P	12463	108.1	A
Nord Acrux PW	12392	107.5	A
DM 2772 VT3PRO	12168	105.6	A
SRM 6620 MGRR	12118	105.1	A
TOB 767 Viptera 3	12031	104.4	A
SRM F1B11C02 MGRR	12000	104.1	A
MH 7 1.1	11846	102.8	A
SYN 875 Viptera 3	11814	102.5	A
P1815VYHR	11761	102.0	A
P2005YHR	11752	101.9	A
B 507 PWU	11572	100.4	B
Next 20.6 PWE	11527	100.0	B
LG 30.775 VT3P	11408	99.0	B
ACA 473 VT3P	11369	98.6	B
SYN 848 Viptera 3	11328	98.3	B
LT 721 VT3P	11300	98.0	B
DK 72-70 VT3P	11001	95.4	B
ACA EXP.18 MZ223VT3P	10988	95.3	B
ARG 7712 RR	10840	94.0	B
AS 740 VT3P	10525	91.3	B
PAN 5175 PW	10463	90.8	B
SRM F1B11C07 MGRR	10458	90.7	B
P2103YHR	10365	89.9	B
SRM 566 VT3P	10053	87.2	B
ACA EXP 540 VT3P	9977	86.6	B
KM 4500 GLS	8830	76.6	C
<b>Promedio</b>	<b>11527</b>	100.0	

Medias con una letra común no son significativamente diferentes (p > 0.10)

## Mari Lauquen. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.78	0.67	7.64

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	179483708.5	33	5438900.26	6.85	<0.0001
<b>Bloque</b>	2232686.65	2	1116343.32	1.41	0.2526
<b>Cultivar</b>	177251021.8	31	5717774.9	7.21	<0.0001
<b>Error</b>	49195513.35	62	793476.02		
<b>Total</b>	228679221.8	95			

Test:DGC Alfa=0.10 PCALT=1480.1205

Error: 793476.0218 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice
Next 22.6 PWE	14271	122.4
SRM F1B11C02 MGRR	14238	122.1
Next 20.6 PWE	13167	112.9
AX 7761 VT3P	13132	112.6
MH 7 1.1	12988	111.4
TOB 767 Viptera 3	12863	110.3
SRM 6620 MGRR	12716	109.0
LT 723 VT3P	12454	106.8
B 507 PWU	12384	106.2
SYN 875 Viptera 3	12166	104.3
P2103YHR	12138	104.1
SYN 979 Viptera 3	12104	103.8
DM 2772 VT3PRO	12025	103.1
DK 72-70 VT3P	11990	102.8
Nord Acrux PW	11934	102.3
SRM 566 VT3P	11855	101.6
ACA EXP:18 MZ223VT3P	11850	101.6
ACA 473 VT3P	11823	101.4
ARG 7712 RR	11751	100.8
DK 72-27 VT3P	11652	99.9
SRM F1B11C07 MGRR	11644	99.8
MS 7123 PW	11633	99.7
LT 721 VT3P	11600	99.5
AX 7784 VT3P	11158	95.7
LG 30.775 VT3P	10844	93.0
ACA EXP 540 VT3P	10308	88.4
P2005YHR	9989	85.6
SYN 848 Viptera 3	9907	84.9
P1815VYHR	9798	84.0
AS 740 VT3P	9435	80.9
KM 4500 GLS	8797	75.4
PAN 5175 PW	8600	73.7
<b>Promedio</b>	<b>11663</b>	100.0

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Tres Algarrobos. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.72	0.57	7.97

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	155439435.1	33	4710285.91	4.75	<0.0001
<b>Bloque</b>	37945377.15	2	18972688.57	19.13	<0.0001
<b>Cultivar</b>	117494058	31	3790130.9	3.82	<0.0001
<b>Error</b>	61488888.85	62	991756.27		
<b>Total</b>	216928324	95			

Test:DGC Alfa=0.10 PCALT=1654.7510

Error: 991756.2718 gl: 62

### Cultivar

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	14204	113.7	A
AX 7761 VT3P	14061	112.5	A
Nord Acrux PW	13997	112.0	A
AX 7784 VT3P	13937	111.5	A
SYN 979 Viptera 3	13886	111.1	A
SRM F1B11C02 MGRR	13764	110.2	A
Next 22.6 PWE	13531	108.3	A
MS 7123 PW	13525	108.2	A
B 507 PWU	13382	107.1	A
P1815VYHR	13063	104.5	A
LT 721 VT3P	13047	104.4	A
ACA 473 VT3P	13017	104.2	A
Next 20.6 PWE	12914	103.4	A
SYN 875 Viptera 3	12831	102.7	A
SRM 6620 MGRR	12778	102.3	A
DK 72-27 VT3P	12719	101.8	A
P2005YHR	12645	101.2	A
P2103YHR	12549	100.4	A
LT 723 VT3P	12457	99.7	A
SRM 566 VT3P	12136	97.1	B
LG 30.775 VT3P	11931	95.5	B
DK 72-70 VT3P	11928	95.5	B
SYN 848 Viptera 3	11928	95.5	B
DM 2772 VT3PRO	11789	94.3	B
PAN 5175 PW	11478	91.9	B
ACA EXP 540 VT3P	11433	91.5	B
SRM F1B11C07 MGRR	11375	91.0	B
MH 7 1.1	11288	90.3	B
ACA EXP:18 MZ223VT3P	10801	86.4	B
KM 4500 GLS	10725	85.8	B
ARG 7712 RR	10582	84.7	B
AS 740 VT3P	10144	81.2	B
<b>Promedio</b>	<b>12495</b>	100.0	

Medias con una letra común no son significativamente diferentes (p > 0.10)

## Cuero de Zorro. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.79	0.68	5.24

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	97884697.07	33	2966202.94	7.04	<0.0001
<b>Bloque</b>	10247376.08	2	5123688.04	12.16	<0.0001
<b>Cultivar</b>	87637320.99	31	2827010.35	6.71	<0.0001
<b>Error</b>	26115271.92	62	421214.06		
<b>Total</b>	123999969	95			

Test:DGC Alfa=0.10 PCALT=1078.4043

Error: 421214.0632 gl: 62

Cultivar	Rendimiento (kg/ha)	Indice
TOB 767 Viptera 3	14209	114.7
LT 721 VT3P	14034	113.3
Next 20.6 PWE	13673	110.4
SRM 6620 MGRR	13538	109.3
DK 72-70 VT3P	13532	109.3
SYN 875 Viptera 3	13470	108.8
AX 7761 VT3P	13188	106.5
Next 22.6 PWE	13150	106.2
Nord Acrux PW	13058	105.4
LT 723 VT3P	12840	103.7
SRM F1B11C02 MGRR	12685	102.4
SRM 566 VT3P	12675	102.3
SYN 979 Viptera 3	12593	101.7
ACA EXP:18 MZ223VT3P	12545	101.3
DM 2772 VT3PRO	12491	100.9
MH 7 1.1	12473	100.7
MS 7123 PW	12371	99.9
AX 7784 VT3P	12281	99.2
ACA 473 VT3P	12253	98.9
DK 72-27 VT3P	12226	98.7
P2103YHR	12218	98.6
KM 4500 GLS	12203	98.5
LG 30.775 VT3P	12158	98.2
P1815VYHR	12058	97.4
ACA EXP 540 VT3P	11535	93.1
P2005YHR	11501	92.9
SYN 848 Viptera 3	11420	92.2
PAN 5175 PW	11015	88.9
SRM F1B11C07 MGRR	10807	87.3
AS 740 VT3P	10793	87.1
B 507 PWU	10729	86.6
ARG 7712 RR	10600	85.6
<b>Promedio</b>	<b>12385</b>	100.0

Medias con una letra común no son significativamente diferentes (p > 0.10)



## Pehuajó. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	96	0.6	0.38	8.48

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	47924974.34	33	1452271.95	2.77	0.0003
<b>Bloque</b>	3443681.52	2	1721840.76	3.28	0.0443
<b>Cultivar</b>	44481292.82	31	1434880.41	2.73	0.0004
<b>Error</b>	32548177.15	62	524970.6		
<b>Total</b>	80473151.49	95			

Test:DGC Alfa=0.10 PCALT=1203.9201  
Error: 524970.5991 gl: 62

### Cultivar

Cultivar	Rendimiento (kg/ha)	Indice
LT 723 VT3P	9863	115.4
ACA 473 VT3P	9728	113.9
LT 721 VT3P	9670	113.2
DK 72-27 VT3P	9383	109.8
DM 2772 VT3PRO	9351	109.4
AX 7784 VT3P	9305	108.9
AX 7761 VT3P	9237	108.1
TOB 767 Viptera 3	9234	108.1
MS 7123 PW	9174	107.4
ACA EXP.18 MZ223VT3P	8999	105.3
Nord Acrux PW	8960	104.9
SRM 566 VT3P	8853	103.6
ACA EXP 540 VT3P	8660	101.4
DK 72-70 VT3P	8548	100.0
P1815VYHR	8500	99.5
PAN 5175 PW	8493	99.4
Next 22.6 PWE	8491	99.4
B 507 PWU	8385	98.1
SRM F1B11C02 MGRR	8294	97.1
MH 7 1.1	8280	96.9
SYN 979 Viptera 3	8103	94.8
SYN 875 Viptera 3	8097	94.8
LG 30.775 VT3P	8084	94.6
Next 20.6 PWE	7932	92.8
AS 740 VT3P	7861	92.0
SYN 848 Viptera 3	7856	91.9
SRM 6620 MGRR	7775	91.0
P2103YHR	7768	90.9
KM 4500 GLS	7765	90.9
P2005YHR	7724	90.4
ARG 7712 RR	7526	88.1
SRM F1B11C07 MGRR	7521	88.0
<b>Promedio</b>	<b>8544</b>	100.0

Medias con una letra común no son significativamente diferentes (p > 0.10)

## González Moreno. Ranking Siembra Temprana.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	64	0.87	0.74	5.69

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	70647294.25	32	2207727.95	6.54	<0.0001
<b>Bloque</b>	238754.39	1	238754.39	0.71	0.4069
<b>Cultivar</b>	70408539.86	31	2271243.22	6.73	<0.0001
<b>Error</b>	10468927.11	31	337707.33		
<b>Total</b>	81116221.36	63			

Test:DGC Alfa=0.10 PCALT=1214.2629

Error: 337707.3261 gl: 31

### Cultivar

	Rendimiento (kg/ha)	Indice
Next 22.6 PWE	12011	117.5
SRM F1B11C02 MGRR	11987	117.3
Next 20.6 PWE	11754	115.0
AX 7761 VT3P	11571	113.2
MH 7 1.1	11382	111.4
SRM 6620 MGRR	11289	110.5
LT 723 VT3P	11032	107.9
TOB 767 Viptera 3	10820	105.9
DK 72-70 VT3P	10591	103.6
ACA 473 VT3P	10581	103.5
SYN 875 Viptera 3	10574	103.5
B 507 PWU	10529	103.0
P2103YHR	10487	102.6
Nord Acrux PW	10483	102.6
DM 2772 VT3PRO	10480	102.5
ACA EXP:18 MZ223VT3P	10375	101.5
ARG 7712 RR	10326	101.0
SYN 979 Viptera 3	10289	100.7
MS 7123 PW	10271	100.5
DK 72-27 VT3P	10264	100.4
LT 721 VT3P	10228	100.1
SRM 566 VT3P	10226	100.1
AX 7784 VT3P	9988	97.7
SRM F1B11C07 MGRR	9905	96.9
LG 30.775 VT3P	9616	94.1
ACA EXP 540 VT3P	9132	89.3
P2005YHR	8750	85.6
P1815VYHR	8724	85.4
SYN 848 Viptera 3	8630	84.4
KM 4500 GLS	8528	83.4
AS 740 VT3P	8342	81.6
PAN 5175 PW	7892	77.2
<b>Promedio</b>	<b>10220</b>	100.0

Medias con una letra común no son significativamente diferentes (p > 0.10)

## Porcentaje de quebrado. Siembra temprana.

Cultivar	M. Lauquen	Tres Alg.	America NORTE	America SUR II	America SUR I	Cerrito	Cuero de Zorro	G. Moreno	Pehuajó	Promedio
SYN 848 Víptera 3	0.0	0.0	0.3	0.3	0.0	0.4	0.0	0.0	0.0	<b>0.1</b>
AX 7761 VT3P	0.0	0.3	0.0	0.0	0.0	0.3	0.0	1.1	0.0	<b>0.2</b>
DM 2772 VT3P	0.0	0.0	0.3	0.0	0.0	0.0	1.2	0.0	0.6	<b>0.2</b>
SRM F1B11C02 MGRR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.4	<b>0.3</b>
P1815VYHR	0.0	0.0	0.3	0.0	0.0	0.7	0.0	1.5	0.0	<b>0.3</b>
SRM F1B11C07 MGRR	0.0	0.0	0.4	0.4	0.0	0.0	0.0	1.6	0.3	<b>0.3</b>
MH 7 1.1	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.5	0.9	<b>0.3</b>
DK 72-27 VT3P	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	1.6	<b>0.3</b>
TOB 767 Víptera 3	0.0	0.0	0.3	0.0	0.0	0.0	0.3	1.1	1.7	<b>0.4</b>
MS 7123 PW	0.0	0.0	0.3	0.0	0.0	0.7	0.0	1.4	1.9	<b>0.5</b>
SYN 979 Víptera 3	0.4	0.0	0.9	0.0	0.0	0.3	1.6	0.0	1.3	<b>0.5</b>
P2005YHR	0.0	0.0	0.3	0.3	0.0	0.9	0.3	0.5	2.6	<b>0.5</b>
Next 20.6 PWE	0.0	0.3	0.0	1.5	0.0	0.4	0.0	0.6	2.2	<b>0.5</b>
LT 723 VT3P	0.3	0.0	0.3	0.0	0.3	0.3	0.0	0.9	2.9	<b>0.6</b>
ACA 473 VT3P	0.0	0.0	0.0	0.7	0.0	0.7	0.0	1.0	2.9	<b>0.6</b>
SRM 566 VT3P	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.5	3.9	<b>0.6</b>
DK 72-70 VT3P	0.0	0.0	0.3	0.3	0.0	0.3	0.0	0.0	4.5	<b>0.6</b>
Nord Acrux PW	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	4.4	<b>0.7</b>
LT 721 VT3P	0.0	0.3	0.0	0.0	0.0	0.0	0.6	1.7	4.8	<b>0.8</b>
ACA EXP:18 MZ223VT3P	0.7	0.7	0.0	0.0	0.0	2.1	0.3	2.7	1.3	<b>0.9</b>
SRM 6620 MGRR	0.0	1.4	0.3	0.3	1.7	0.8	0.0	0.5	2.9	<b>0.9</b>
ARG 7712 RR	0.0	0.0	0.3	0.0	0.0	0.0	0.4	2.5	4.8	<b>0.9</b>
P2103YHR	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	7.5	<b>1.0</b>
SYN 875 Víptera 3	0.0	0.0	0.6	0.0	0.0	1.8	0.3	0.0	6.2	<b>1.0</b>
AX 7784 VT3P	0.0	0.0	0.3	0.0	0.0	1.0	5.7	1.4	1.3	<b>1.1</b>
Next 22.6 PWE	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	8.2	<b>1.2</b>
ACA EXP 540 VT3P	0.0	0.3	0.3	1.2	0.0	0.7	0.0	1.5	7.7	<b>1.3</b>
LG 30.775 VT3P	0.0	0.0	0.0	0.0	0.3	0.3	0.0	3.0	8.2	<b>1.3</b>
KM 4500 GLS	0.0	0.0	0.0	0.3	0.0	0.0	0.6	2.5	9.0	<b>1.4</b>
PAN 5175 PW	0.0	0.0	0.3	0.0	1.0	0.0	4.3	3.0	11.8	<b>2.3</b>
AS 740 VT3P	0.0	0.0	0.7	0.0	0.0	0.0	2.3	3.7	15.8	<b>2.5</b>
B 507 PWU	0.0	0.0	0.3	0.9	4.1	0.3	13.5	8.1	11.5	<b>4.3</b>
<b>Promedio</b>	<b>0.0</b>	<b>0.1</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>1.1</b>	<b>1.5</b>	<b>4.2</b>	<b>0.9</b>

## Porcentaje de vuelco. Siembra temprana.

Cultivar	M. Lauquen	Pehuajó	Tres Alg.	América NORTE	América SUR I	Cuero de Zorro	Cerrito	G. Moreno	América SUR II	Promedio
DK 72-27 VT3P	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
SYN 848 Viptera 3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.3	0.1
LT 723 VT3P	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.0	0.1
MH 7 1.1	0.0	0.0	0.0	0.0	0.4	0.0	1.2	0.0	1.0	0.3
P2103YHR	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	1.8	0.3
AX 7761 VT3P	0.0	0.0	0.9	0.0	0.4	0.6	0.3	1.0	0.6	0.4
LT 721 VT3P	0.0	0.0	0.0	0.3	0.0	0.6	0.7	0.0	2.6	0.4
SYN 875 Viptera 3	0.0	0.3	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.5
DK 72-70 VT3P	0.0	0.0	0.0	0.3	0.0	1.6	2.2	0.0	0.3	0.5
P1815VYHR	0.0	0.0	0.0	0.9	0.0	0.0	2.8	0.5	1.3	0.5
SRM 6620 MGRR	0.3	0.0	0.0	0.9	0.0	0.0	1.0	0.5	2.5	0.6
SYN 979 Viptera 3	0.0	0.3	0.0	2.2	0.0	0.3	3.1	0.0	0.0	0.6
TOB 767 Viptera 3	0.0	0.0	0.0	2.0	2.1	0.6	0.4	0.0	1.3	0.7
B 507 PWU	0.3	0.0	0.0	0.0	0.6	0.6	0.7	2.8	1.8	0.7
P2005YHR	0.0	0.0	0.0	0.6	0.4	0.6	1.7	1.5	2.3	0.7
LG 30.775 VT3P	0.0	0.0	0.0	0.3	0.3	0.0	0.8	4.0	1.7	0.7
Next 22.6 PWE	0.0	0.0	0.0	0.6	1.0	0.3	0.4	1.5	4.4	0.9
ACA 473 VT3P	0.0	0.0	0.0	1.5	1.3	1.5	2.1	0.0	2.0	0.9
DM 2772 VT3P	0.0	0.6	2.2	0.9	1.0	0.0	0.0	0.5	4.2	0.9
SRM F1B11C07 MGRR	0.0	0.0	0.7	0.8	0.0	2.3	0.0	2.7	4.2	1.1
AX 7784 VT3P	0.0	0.0	1.0	0.6	1.3	1.5	0.4	3.4	1.8	1.1
MS 7123 PW	0.0	0.6	0.0	0.6	0.7	0.9	1.8	4.6	1.6	1.1
Next 20.6 PWE	0.0	0.0	0.3	1.0	1.9	0.0	1.0	4.0	2.6	1.1
Nord Acrux PW	0.0	0.6	0.0	0.0	0.5	3.5	0.5	1.5	6.5	1.4
SRM 566 VT3P	0.0	1.1	6.1	1.5	3.4	1.2	0.4	0.5	3.1	1.7
SRM F1B11C02 MGRR	0.3	1.3	4.8	0.6	1.6	0.0	0.9	4.5	3.6	1.8
AS 740 VT3P	0.0	0.7	0.0	2.6	0.0	1.5	3.3	8.5	1.6	1.9
KM 4500 GLS	0.0	1.3	0.0	3.5	1.4	0.6	0.0	11.5	4.1	2.3
PAN 5175 PW	0.0	0.0	0.0	1.5	0.7	3.3	1.0	7.4	9.5	2.4
ACA EXP:18 MZ223VT3P	0.6	1.0	0.0	3.4	6.4	5.1	3.1	4.8	2.2	2.9
ARG 7712 RR	0.5	3.2	1.7	4.0	2.6	7.8	1.7	8.7	5.4	4.3
ACA EXP 540 VT3P	0.0	3.1	0.0	1.3	6.7	6.1	10.1	4.9	8.0	5.0
<b>Promedio</b>	0.1	0.4	0.6	1.0	1.1	1.3	1.4	2.5	2.6	1.2

## Porcentaje de humedad. Siembra temprana.

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	Pehuajó	G. Moreno	Cuero de Zorro	Promedio
ACA 473 VT3P	20.5	22.1	19.0	21.2	20.1	18.2	15.7	12.7	18.4	<b>18.7</b>
P1815VYHR	21.5	23.2	19.6	21.7	21.7	19.2	16.1	13.1	19.6	<b>19.5</b>
Next 20.6 PWE	22.6	22.7	20.2	22.3	20.9	18.8	15.2	12.9	21.1	<b>19.6</b>
LT 721 VT3P	20.7	23.7	21.0	21.8	23.7	18.1	16.0	14.0	19.6	<b>19.9</b>
ACA EXP 540 VT3P	22.4	23.1	21.3	21.7	23.9	18.2	16.0	13.5	20.0	<b>20.0</b>
DK 72-70 VT3P	22.2	22.5	21.0	22.1	24.4	18.6	15.7	13.8	19.9	<b>20.0</b>
LT 723 VT3P	21.9	23.3	21.2	22.4	23.0	20.2	16.1	13.6	20.2	<b>20.2</b>
DK 72-27 VT3P	21.2	24.1	22.1	22.4	23.7	19.1	16.3	14.1	19.5	<b>20.3</b>
AS 740 VT3P	21.5	23.5	22.5	22.5	25.2	19.2	16.4	13.7	20.1	<b>20.5</b>
Next 22.6 PWE	22.4	23.8	22.0	23.0	24.6	19.1	15.5	13.8	20.6	<b>20.5</b>
AX 7761 VT3P	22.3	24.3	21.7	22.5	23.8	20.0	15.7	14.0	20.6	<b>20.5</b>
MH 7 1.1	22.0	24.0	21.4	22.7	25.2	20.0	15.4	14.5	20.8	<b>20.6</b>
Nord Acrux PW	23.0	24.0	20.8	24.1	23.4	20.2	15.8	14.3	21.1	<b>20.7</b>
MS 7123 PW	22.4	24.3	22.0	23.9	24.4	20.3	15.9	13.8	20.5	<b>20.8</b>
AX 7784 VT3P	23.2	25.6	22.6	23.5	23.3	20.6	15.2	12.7	21.8	<b>21.0</b>
ARG 7712 RR	21.9	25.8	21.7	23.7	23.2	20.7	16.2	14.3	21.5	<b>21.0</b>
P2005YHR	21.4	25.2	21.6	23.5	25.1	20.6	15.9	14.5	22.4	<b>21.1</b>
DM 2772 VT3P	22.2	24.7	21.7	23.2	24.9	21.2	16.0	14.9	21.7	<b>21.2</b>
B 507 PWU	22.6	25.2	21.9	23.4	24.6	20.8	15.9	15.2	22.3	<b>21.3</b>
SRM 6620 MGRR	22.2	25.8	23.1	23.9	25.9	21.0	15.7	13.3	22.2	<b>21.5</b>
LG 30.775 VT3P	23.2	25.2	22.7	24.9	25.3	21.7	15.9	13.4	22.2	<b>21.6</b>
SYN 848 Viptera 3	22.7	25.9	23.3	24.1	25.1	21.9	15.7	15.0	22.0	<b>21.7</b>
ACA EXP18 MZ223VT3P	23.5	25.8	21.9	24.8	27.3	21.4	16.8	14.5	23.6	<b>22.2</b>
P2103YHR	24.1	25.6	23.0	24.3	25.9	22.1	16.6	15.7	22.4	<b>22.2</b>
KM 4500 GLS	23.7	26.4	23.6	24.3	27.4	22.1	16.6	14.5	24.3	<b>22.5</b>
PAN 5175 PW	23.9	25.8	22.6	24.8	25.6	22.5	17.2	18.0	22.8	<b>22.6</b>
SRM 566 VT3P	24.1	26.6	25.2	24.7	27.8	22.6	16.3	15.8	22.8	<b>22.9</b>
SYN 875 Viptera 3	24.8	27.6	27.0	25.5	25.0	22.6	16.3	15.2	24.4	<b>23.1</b>
SRM F1B11C02 MGRR	25.0	26.8	25.6	25.7	27.4	23.0	16.7	15.5	24.2	<b>23.3</b>
SRM F1B11C07 MGRR	24.6	26.7	26.4	25.3	28.4	23.8	16.8	17.0	22.6	<b>23.5</b>
TOB 767 Viptera 3	26.3	28.9	26.7	27.3	29.1	26.2	17.4	17.9	25.3	<b>25.0</b>
SYN 979 Viptera 3	26.5	29.4	26.2	27.1	29.5	26.1	16.9	17.0	27.0	<b>25.1</b>
<b>Promedio</b>	<b>22.9</b>	<b>25.1</b>	<b>22.6</b>	<b>23.7</b>	<b>25.0</b>	<b>20.9</b>	<b>16.1</b>	<b>14.5</b>	<b>21.8</b>	<b>21.4</b>

## Densidad de plantas por hectárea. Siembra temprana.

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	Pehuajó	G. Moreno	Cuero de Zorro	Promedio
ACA 473 VT3P	76584	74820	64499	67590	70522	76251	68696	73974	70094	<b>71424</b>
ACA EXP 540 VT3P	70351	72118	58269	68831	66747	76467	71845	67414	72675	<b>69017</b>
ACA EXP:18 MZ223VT3P	66757	73768	53187	69504	71722	71047	73286	66596	69848	<b>68369</b>
ARG 7712 RR	72283	71550	56855	70081	72867	68789	72777	70513	64291	<b>68279</b>
AS 740 VT3P	71392	75223	58000	73698	76598	81604	76645	73013	71467	<b>72995</b>
AX 7761 VT3P	74512	73981	73083	71527	75525	72988	77619	70294	73191	<b>73571</b>
AX 7784 VT3P	76127	74494	69834	75056	72561	77222	73037	69626	74297	<b>73374</b>
B 507 PWU	77201	75469	67648	74688	76340	79865	74034	73318	73010	<b>74487</b>
DK 72-27 VT3P	73700	76996	66566	74749	69889	75809	73193	67736	76856	<b>72913</b>
DK 72-70 VT3P	73622	73793	69621	74875	76771	77922	74867	72361	74465	<b>73929</b>
DM 2772 VT3P	73032	73854	61122	69558	73905	71615	73637	69655	72378	<b>71046</b>
KM 4500 GLS	71261	74683	69603	75320	74405	77283	74188	73871	71493	<b>73012</b>
LG 30.775 VT3P	72776	76715	69160	74136	76179	77452	77124	72804	70894	<b>74328</b>
LT 721 VT3P	74799	76300	67289	71881	72676	72338	72507	71490	71412	<b>72241</b>
LT 723 VT3P	74794	76222	65751	74093	77552	73801	73055	71916	74867	<b>73465</b>
MH 7 1.1	73249	69127	59499	69436	68641	74663	75255	61445	68200	<b>68893</b>
MS 7123 PW	74744	76899	65317	73742	75972	77773	74862	74140	73000	<b>73837</b>
Next 20.6 PWE	72731	70152	56037	67151	68409	75071	74242	70873	69266	<b>69584</b>
Next 22.6 PWE	73684	74078	66337	73271	74500	71461	74379	72026	72773	<b>72651</b>
Nord AcruX PW	77695	74674	58309	72465	74412	77404	73870	69881	71176	<b>72341</b>
P1815VYHR	74347	73730	61294	71771	76802	70391	74865	64478	74172	<b>71418</b>
P2005YHR	69922	73981	55775	70823	71670	75568	74356	68674	68288	<b>70014</b>
P2103YHR	73707	72747	64673	72003	77329	71762	69137	71366	67041	<b>70914</b>
PAN 5175 PW	70907	67274	63093	66938	74272	75617	72835	69546	69159	<b>70011</b>
SRM 566 VT3P	73127	74201	60256	69370	73597	74411	75243	68790	71967	<b>71315</b>
SRM 6620 MGRR	72786	72981	63645	73342	75373	72709	74065	71734	68859	<b>71651</b>
SRM F1B11C02 MGRR	68128	70229	54483	65530	72978	71651	70826	68142	66300	<b>67585</b>
SRM F1B11C07 MGRR	68390	68613	57514	62925	68512	71024	76460	63151	63417	<b>66457</b>
SYN 848 Víptera 3	75462	75500	67027	73241	73896	79024	76201	72715	74468	<b>74344</b>
SYN 875 Víptera 3	75462	76067	59189	75488	72190	76884	78131	72382	73138	<b>73199</b>
SYN 979 Víptera 3	71673	78081	69042	73778	76948	75065	74282	73400	73819	<b>74015</b>
TOB 767 Víptera 3	76289	70466	63230	75289	72260	78312	71818	73311	76346	<b>73188</b>
<b>Promedio</b>	<b>73172</b>	<b>73712</b>	<b>62975</b>	<b>71630</b>	<b>73501</b>	<b>74976</b>	<b>73979</b>	<b>70332</b>	<b>71332</b>	<b>71683</b>



## Ranking Final Siembra Tardía. Rendimiento en kg/ha.

Test:DGC Alfa=0.10 PCALT=470.7726  
Medias con una letra común no son significativamente diferentes (p > 0.10)

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	Pehuajó	Gral. Villegas	Cuero de Zorro	Promedio	Indice	
TOB 767 Viptera 3	14469	12704	12908	13075	10653	14391	10998	12894	14123	<b>12913</b>	110.8	A
B 507 PWU	12689	13846	11606	13514	9718	13276	10928	12627	13441	<b>12405</b>	106.4	B
LT 721 VT3P	13148	13459	12588	13058	8457	12897	10702	11305	13530	<b>12127</b>	104.0	B
MS 7123 PW	13017	12766	12712	11459	10168	13287	10129	12002	13417	<b>12106</b>	103.9	B
AX 7784 VT3P	13495	12663	12834	11816	9664	13434	10762	10312	13377	<b>12040</b>	103.3	B
SRM 566 VT3P	13898	12907	12898	12391	9313	12740	9871	10889	13267	<b>12019</b>	103.1	B
DK 72-70 VT3P	12814	12383	11194	11532	9299	12394	11908	12748	13507	<b>11975</b>	102.7	B
Nord Acrux PW	12844	13069	11874	13066	9920	13113	10375	10563	12915	<b>11971</b>	102.7	B
Next 22.6 PWEEnlist	13383	13025	11787	11937	10041	12815	10972	10919	12694	<b>11952</b>	102.5	B
DK 72-27 VT3P	12575	13265	11738	12317	9320	12587	11698	11313	12755	<b>11952</b>	102.5	B
P1815VYHR	13975	13098	11317	11481	8268	14181	11364	10490	13237	<b>11934</b>	102.4	B
SRM 6620 MGRR	14107	13169	11479	12365	9558	13318	9078	10338	13863	<b>11919</b>	102.3	B
AX 7761 VT3P	13406	12332	12179	12459	9400	12376	10935	11031	13073	<b>11910</b>	102.2	B
ACA 473 VT3P	13755	12503	11116	12427	9133	13066	10831	11995	12274	<b>11900</b>	102.1	B
LT 723 VT3P	12969	13009	11710	12339	9153	12861	9762	11525	13562	<b>11877</b>	101.9	B
LG 30.775 VT3P	13139	13312	11541	12431	9170	12788	9777	11499	13107	<b>11863</b>	101.8	B
P2109VYHR	14043	12156	12057	12378	8785	12778	10181	10230	13106	<b>11746</b>	100.8	B
MH 7 1.1	<b>12385</b>	<b>12391</b>	<b>11584</b>	<b>12291</b>	<b>7966</b>	<b>12450</b>	<b>10947</b>	<b>11380</b>	<b>13060</b>	<b>11606</b>	99.6	C
SYN 875 Viptera 3	13055	12331	11601	11437	10000	11682	9745	11532	12422	<b>11534</b>	98.9	C
Nord Borax PW	11833	12427	11126	12877	9569	11596	10174	11032	12828	<b>11496</b>	98.6	C
Next 20.6 PWEEnlist	12845	11783	11432	11563	9511	13664	8361	11545	11877	<b>11398</b>	97.8	C
PAN 5175 PW	12852	11913	10947	12756	8535	12127	10300	10190	12369	<b>11332</b>	97.2	C
KM 3916 GLS	11750	12097	11454	11267	7714	12896	9124	11236	12444	<b>11109</b>	95.3	C
SYN 848 Viptera 3	12334	12385	11059	12174	8229	12392	9531	9971	11708	<b>11087</b>	95.1	C
ACA EXP 540 VT3P	11174	11715	11805	10563	7855	12235	10478	10985	12447	<b>11029</b>	94.6	C
P EXP	12668	12137	10437	11611	8500	12538	9488	9158	12416	<b>10995</b>	94.3	C
ACA EXP:18 MZ223VT3P	11985	12323	11027	10775	8510	11138	9662	9697	12779	<b>10877</b>	93.3	C
AS 740 VT3P	12112	11375	9885	10839	7759	12062	10166	9038	11594	<b>10537</b>	90.4	D
ARG 7712 RR	11458	11074	9989	9773	8878	12275	8891	10114	11325	<b>10420</b>	89.4	D
<b>Promedio</b>	12903	12539	11582	11999	9071	12736	10246	10984	12845	<b>11656</b>	100.0	

## América NORTE. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.58	0.36	6.81

### → Cuadro de Análisis de la Varianza (SC tipo I)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	60722456.38	30	2024081.88	2.62	0.0009
<b>Bloque</b>	6356127.89	2	3178063.94	4.11	0.0216
<b>Cultivar</b>	54366328.5	28	1941654.59	2.51	0.0017
<b>Error</b>	43290386.54	56	773042.62		
<b>Total</b>	104012842.9	86			

Test:DGC Alfa=0.10 PCALT=1413.8659

Error: 773042.6168 gl: 56

### Cultivar

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	14469	112.1	A
SRM 6620 MGRR	14107	109.3	A
P2109VYHR	14043	108.8	A
P1815VYHR	13975	108.3	A
SRM 566 VT3P	13898	107.7	A
ACA 473 VT3P	13755	106.6	A
AX 7784 VT3P	13495	104.6	A
AX 7761 VT3P	13406	103.9	A
Next 22.6 PWEnlist	13383	103.7	A
LT 721 VT3P	13148	101.9	A
LG 30.775 VT3P	13139	101.8	A
SYN 875 Viptera 3	13055	101.2	A
MS 7123 PW	13017	100.9	A
LT 723 VT3P	12969	100.5	A
PAN 5175 PW	12852	99.6	A
Next 20.6 PWEnlist	12845	99.5	A
Nord Acrux PW	12844	99.5	A
DK 72-70 VT3P	12814	99.3	A
B 507 PWU	12689	98.3	A
P EXP	12668	98.2	A
DK 72-27 VT3P	12575	97.5	A
MH 7 1.1	12385	96.0	B
SYN 848 Viptera 3	12334	95.6	B
AS 740 VT3P	12112	93.9	B
ACA EXP.18 MZ223VT3P	11985	92.9	B
Nord Borax PW	11833	91.7	B
KM 3916 GLS	11750	91.1	B
ARG 7712 RR	11458	88.8	B
ACA EXP 540 VT3P	11174	86.6	B
<b>Promedio</b>	<b>12903</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## América SUR I. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.58	0.35	6.38

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	48582340.25	30	1619411.34	2.53	0.0013
<b>Bloque</b>	14922876.48	2	7461438.24	11.66	0.0001
<b>Cultivar</b>	33659463.77	28	1202123.71	1.88	0.0226
<b>Error</b>	35848236.85	56	640147.09		
<b>Total</b>	84430577.1	86			

Test:DGC Alfa=0.10 PCALT=1167.9583

Error: 640147.0866 gl: 56

Cultivar	Rendimiento (kg/ha)	Indice	
B 507 PWU	13846	110.4	A
LT 721 VT3P	13459	107.3	A
LG 30.775 VT3P	13312	106.2	A
DK 72-27 VT3P	13265	105.8	A
SRM 6620 MGRR	13169	105.0	A
P1815VYHR	13098	104.5	A
Nord Acrux PW	13069	104.2	A
Next 22.6 PWEList	13025	103.9	A
LT 723 VT3P	13009	103.7	A
SRM 566 VT3P	12907	102.9	A
MS 7123 PW	12766	101.8	A
TOB 767 Viptera 3	12704	101.3	A
AX 7784 VT3P	12663	101.0	A
ACA 473 VT3P	12503	99.7	A
Nord Borax PW	12427	99.1	A
MH 7 1.1	12391	98.8	A
SYN 848 Viptera 3	12385	98.8	A
DK 72-70 VT3P	12383	98.8	A
AX 7761 VT3P	12332	98.4	A
SYN 875 Viptera 3	12331	98.3	A
ACA EXP:18 MZ223VT3P	12323	98.3	A
P2109VYHR	12156	96.9	A
P EXP	12137	96.8	A
KM 3916 GLS	12097	96.5	A
PAN 5175 PW	11913	95.0	B
Next 20.6 PWEList	11783	94.0	B
ACA EXP 540 VT3P	11715	93.4	B
AS 740 VT3P	11375	90.7	B
ARG 7712 RR	11074	88.3	B
<b>Promedio</b>	<b>12539</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Cuero de Zorro. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.79	0.68	3.58

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	44416292.71	30	1480543.09	7	<0.0001
<b>Bloque</b>	5404044.9	2	2702022.45	12.77	<0.0001
<b>Cultivar</b>	39012247.82	28	1393294.56	6.59	<0.0001
<b>Error</b>	11845607.77	56	211528.71		
<b>Total</b>	56261900.48	86			

Test:DGC Alfa=0.10 PCALT=760.4962

Error: 211528.7102 gl: 56

Cultivar	Rendimiento (kg/ha)	Indice
TOB 767 Viptera 3	14123	109.9
SRM 6620 MGRR	13863	107.9
LT 723 VT3P	13562	105.6
LT 721 VT3P	13530	105.3
DK 72-70 VT3P	13507	105.2
B 507 PWU	13441	104.6
MS 7123 PW	13417	104.5
AX 7784 VT3P	13377	104.1
SRM 566 VT3P	13267	103.3
P1815VYHR	13237	103.0
LG 30.775 VT3P	13107	102.0
P2109VYHR	13106	102.0
AX 7761 VT3P	13073	101.8
MH 7 1.1	13060	101.7
Nord Acrux PW	12915	100.5
Nord Borax PW	12828	99.9
ACA EXP:18 MZ223VT3P	12779	99.5
DK 72-27 VT3P	12755	99.3
Next 22.6 PWEnlist	12694	98.8
ACA EXP 540 VT3P	12447	96.9
KM 3916 GLS	12444	96.9
SYN 875 Viptera 3	12422	96.7
P EXP	12416	96.7
PAN 5175 PW	12369	96.3
ACA 473 VT3P	12274	95.6
Next 20.6 PWEnlist	11877	92.5
SYN 848 Viptera 3	11708	91.1
AS 740 VT3P	11594	90.3
ARG 7712 RR	11325	88.2
<b>Promedio</b>	<b>12845</b>	100.0

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## América SUR II. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.64	0.45	6.63

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	63068538.07	30	2102284.6	3.32	0.0001
<b>Bloque</b>	2249524.3	2	1124762.15	1.78	0.1785
<b>Cultivar</b>	60819013.77	28	2172107.63	3.43	<0.0001
<b>Error</b>	35437812.37	56	632818.08		
<b>Total</b>	98506350.44	86			

Test:DGC Alfa=0.10 PCALT=1315.3818  
Error: 632818.0780 gl: 56

### Cultivar

Cultivar	Rendimiento (kg/ha)	Indice
B 507 PWU	13514	112.6
TOB 767 Viptera 3	13075	109.0
Nord Acrux PW	13066	108.9
LT 721 VT3P	13058	108.8
Nord Borax PW	12877	107.3
PAN 5175 PW	12756	106.3
AX 7761 VT3P	12459	103.8
LG 30.775 VT3P	12431	103.6
ACA 473 VT3P	12427	103.6
SRM 566 VT3P	12391	103.3
P2109VYHR	12378	103.2
SRM 6620 MGRR	12365	103.1
LT 723 VT3P	12339	102.8
DK 72-27 VT3P	12317	102.6
MH 7 1.1	12291	102.4
SYN 848 Viptera 3	12174	101.5
Next 22.6 PWEnlist	11937	99.5
AX 7784 VT3P	11816	98.5
P EXP	11611	96.8
Next 20.6 PWEnlist	11563	96.4
DK 72-70 VT3P	11532	96.1
P1815VYHR	11481	95.7
MS 7123 PW	11459	95.5
SYN 875 Viptera 3	11437	95.3
KM 3916 GLS	11267	93.9
AS 740 VT3P	10839	90.3
ACA EXP:18 MZ223VT3P	10775	89.8
ACA EXP 540 VT3P	10563	88.0
ARG 7712 RR	9773	81.4
<b>Promedio</b>	<b>11999</b>	100.0

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Cerrito. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	58	0.73	0.44	6.13

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	37568614.52	29	1295469.47	2.57	0.0073
<b>Bloque</b>	4460259.59	1	4460259.59	8.84	0.006
<b>Cultivar</b>	33108354.93	28	1182441.25	2.34	0.0139
<b>Error</b>	14133221.41	28	504757.91		
<b>Total</b>	51701835.93	57			

Test:DGC Alfa=0.10 PCALT=1482.0013

Error: 504757.9076 gl: 28

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	12908	111.4	A
SRM 566 VT3P	12898	111.4	A
AX 7784 VT3P	12834	110.8	A
MS 7123 PW	12712	109.8	A
LT 721 VT3P	12588	108.7	A
AX 7761 VT3P	12179	105.2	A
P2109VYHR	12057	104.1	A
Nord Acrux PW	11874	102.5	A
ACA EXP 540 VT3P	11805	101.9	A
Next 22.6 PWEList	11787	101.8	A
DK 72-27 VT3P	11738	101.3	A
LT 723 VT3P	11710	101.1	A
B 507 PWU	11606	100.2	A
SYN 875 Viptera 3	11601	100.2	A
MH 7 1.1	11584	100.0	A
LG 30.775 VT3P	11541	99.6	A
SRM 6620 MGRR	11479	99.1	A
KM 3916 GLS	11454	98.9	A
Next 20.6 PWEList	11432	98.7	A
P1815VYHR	11317	97.7	A
DK 72-70 VT3P	11194	96.6	A
Nord Borax PW	11126	96.1	A
ACA 473 VT3P	11116	96.0	A
SYN 848 Viptera 3	11059	95.5	A
ACA EXP.18 MZ223VT3P	11027	95.2	A
PAN 5175 PW	10947	94.5	A
P EXP	10437	90.1	B
ARG 7712 RR	9989	86.2	B
AS 740 VT3P	9885	85.3	B
<b>Promedio</b>	<b>11582</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )



## Pehuajó. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.74	0.61	11.24

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	215309712.1	30	7176990.4	5.41	<0.0001
<b>Bloque</b>	155754987.2	2	77877493.6	58.68	<0.0001
<b>Cultivar</b>	59554724.85	28	2126954.46	1.6	0.0668
<b>Error</b>	74324488.8	56	1327223.01		
<b>Total</b>	289634200.9	86			

Test:DGC Alfa=0.10 PCALT=1367.6970

Error: 1327223.0144 gl: 56

Cultivar	Rendimiento (kg/ha)	Indice	
DK 72-70 VT3P	11908	116.2	A
DK 72-27 VT3P	11698	114.2	A
P1815VYHR	11364	110.9	A
TOB 767 Viptera 3	10998	107.3	A
Next 22.6 PWEnlist	10972	107.1	A
MH 7 1.1	10947	106.8	A
AX 7761 VT3P	10935	106.7	A
B 507 PWU	10928	106.7	A
ACA 473 VT3P	10831	105.7	A
AX 7784 VT3P	10762	105.0	A
LT 721 VT3P	10702	104.4	A
ACA EXP 540 VT3P	10478	102.3	B
Nord Acrux PW	10375	101.3	B
PAN 5175 PW	10300	100.5	B
P2109VYHR	10181	99.4	B
Nord Borax PW	10174	99.3	B
AS 740 VT3P	10166	99.2	B
MS 7123 PW	10129	98.9	B
SRM 566 VT3P	9871	96.3	B
LG 30.775 VT3P	9777	95.4	B
LT 723 VT3P	9762	95.3	B
SYN 875 Viptera 3	9745	95.1	B
ACA EXP.18 MZ223VT3P	9662	94.3	B
SYN 848 Viptera 3	9531	93.0	B
P EXP	9488	92.6	B
KM 3916 GLS	9124	89.0	B
SRM 6620 MGRR	9078	88.6	B
ARG 7712 RR	8891	86.8	B
Next 20.6 PWEnlist	8361	81.6	B
<b>Promedio</b>	<b>10246</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Tres Algarrobos. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.47	0.18	7.43

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	44314445.2	30	1477148.17	1.65	0.053
<b>Bloque</b>	1719074.14	2	859537.07	0.96	0.3895
<b>Cultivar</b>	42595371.06	28	1521263.25	1.7	0.0463
<b>Error</b>	50196292.53	56	896362.37		
<b>Total</b>	94510737.72	86			

Test:DGC Alfa=0.10 PCALT=1565.5040

Error: 896362.3666 gl: 56

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	14391	113.0	A
P1815VYHR	14181	111.3	A
Next 20.6 PWEList	13664	107.3	B
AX 7784 VT3P	13434	105.5	B
SRM 6620 MGRR	13318	104.6	B
MS 7123 PW	13287	104.3	B
B 507 PWU	13276	104.2	B
Nord Acrux PW	13113	103.0	B
ACA 473 VT3P	13066	102.6	B
LT 721 VT3P	12897	101.3	B
KM 3916 GLS	12896	101.3	B
LT 723 VT3P	12861	101.0	B
Next 22.6 PWEList	12815	100.6	B
LG 30.775 VT3P	12788	100.4	B
P2109VYHR	12778	100.3	B
SRM 566 VT3P	12740	100.0	B
DK 72-27 VT3P	12587	98.8	B
P EXP	12538	98.4	B
MH 7 1.1	12450	97.8	B
DK 72-70 VT3P	12394	97.3	B
SYN 848 Viptera 3	12392	97.3	B
AX 7761 VT3P	12376	97.2	B
ARG 7712 RR	12275	96.4	B
ACA EXP 540 VT3P	12235	96.1	B
PAN 5175 PW	12127	95.2	B
AS 740 VT3P	12062	94.7	B
SYN 875 Viptera 3	11682	91.7	B
Nord Borax PW	11596	91.0	B
ACA EXP:18 MZ223VT3P	11138	87.5	B
<b>Promedio</b>	<b>12736</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Mari Lauquen. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	87	0.63	0.43	8.45

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	56032171.68	30	1867739.06	3.18	0.0001
<b>Bloque</b>	4969938.3	2	2484969.15	4.23	0.0195
<b>Cultivar</b>	51062233.38	28	1823651.19	3.1	0.0002
<b>Error</b>	32916361.03	56	587792.16		
<b>Total</b>	88948532.71	86			

Test:DGC Alfa=0.10 PCALT=1267.7227

Error: 587792.1613 gl: 56

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	10653	117.4	A
MS 7123 PW	10168	112.1	A
Next 22.6 PWEnlist	10041	110.7	A
SYN 875 Viptera 3	10000	110.2	A
Nord Acrux PW	9920	109.4	A
B 507 PWU	9718	107.1	A
AX 7784 VT3P	9664	106.5	A
Nord Borax PW	9569	105.5	A
SRM 6620 MGRR	9558	105.4	A
Next 20.6 PWEnlist	9511	104.8	A
AX 7761 VT3P	9400	103.6	A
DK 72-27 VT3P	9320	102.7	A
SRM 566 VT3P	9313	102.7	A
DK 72-70 VT3P	9299	102.5	A
LG 30.775 VT3P	9170	101.1	A
LT 723 VT3P	9153	100.9	A
ACA 473 VT3P	9133	100.7	A
ARG 7712 RR	8878	97.9	B
P2109VYHR	8785	96.9	B
PAN 5175 PW	8535	94.1	B
ACA EXP:18 MZ223VT3P	8510	93.8	B
P EXP	8500	93.7	B
LT 721 VT3P	8457	93.2	B
P1815VYHR	8268	91.1	B
SYN 848 Viptera 3	8229	90.7	B
MH 7 1.1	7966	87.8	B
ACA EXP 540 VT3P	7855	86.6	B
AS 740 VT3P	7759	85.5	B
KM 3916 GLS	7714	85.0	B
<b>Promedio</b>	<b>9071</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## General Villegas. Ranking Siembra Tardía.

### → Análisis de la varianza

Variable	N	R <sup>2</sup>	R <sup>2</sup> Aj	CV
Rendimiento (kg/ha)	58	0.84	0.67	7.73

### → Cuadro de Análisis de la Varianza (SC tipo III)

F.V.	SC	gl	CM	F	p-valor
<b>Modelo.</b>	105590613.1	29	3641055.62	5.05	<0.0001
<b>Bloque</b>	53218816.62	1	53218816.62	73.75	<0.0001
<b>Cultivar</b>	52371796.48	28	1870421.3	2.59	0.0071
<b>Error</b>	20206425.38	28	721658.05		
<b>Total</b>	125797038.5	57			

Test:DGC Alfa=0.10 PCALT=1772.0368  
Error: 721658.0493 gl: 28

Cultivar	Rendimiento (kg/ha)	Indice	
TOB 767 Viptera 3	12894	117.4	A
DK 72-70 VT3P	12748	116.1	A
B 507 PWU	12627	115.0	A
MS 7123 PW	12002	109.3	B
ACA 473 VT3P	11995	109.2	B
Next 20.6 PWEnlist	11545	105.1	B
SYN 875 Viptera 3	11532	105.0	B
LT 723 VT3P	11525	104.9	B
LG 30.775 VT3P	11499	104.7	B
MH 7 1.1	11380	103.6	B
DK 72-27 VT3P	11313	103.0	B
LT 721 VT3P	11305	102.9	B
KM 3916 GLS	11236	102.3	B
Nord Borax PW	11032	100.4	B
AX 7761 VT3P	11031	100.4	B
ACA EXP 540 VT3P	10985	100.0	B
Next 22.6 PWEnlist	10919	99.4	B
SRM 566 VT3P	10889	99.1	B
Nord Acrux PW	10563	96.2	B
P1815VYHR	10490	95.5	B
SRM 6620 MGRR	10338	94.1	B
AX 7784 VT3P	10312	93.9	B
P2109VYHR	10230	93.1	B
PAN 5175 PW	10190	92.8	B
ARG 7712 RR	10114	92.1	B
SYN 848 Viptera 3	9971	90.8	B
ACA EXP:18 MZ223VT3P	9697	88.3	B
P EXP	9158	83.4	B
AS 740 VT3P	9038	82.3	B
<b>Promedio</b>	<b>10984</b>	100.0	

Medias con una letra común no son significativamente diferentes ( $p > 0.10$ )

## Porcentaje de quebrado. Siembra tardía.

Cultivar	Cuero de Zorro	America SUR I	Tres Alg.	America SUR II	Cerrito	America NORTE	Pehuajó	General Villegas	M. Lauquen	Promedio
MS 7123 PW	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.1
P1815VYHR	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.1
SYN 848 Víptera 3	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.8	0.2
TOB 767 Víptera 3	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.0	1.1	0.2
AX 7761 VT3P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.3
DK 72-27 VT3P	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.6	1.9	0.3
ACA EXP.18 MZ223VT3P	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.4	0.3
MH 7 1.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.1	1.4	0.3
LG 30.775 VT3P	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	2.4	0.3
SRM 566 VT3P	0.0	0.0	0.4	0.0	2.2	0.0	0.0	0.0	0.4	0.3
LT 723 VT3P	0.0	0.0	0.0	0.3	0.0	1.0	0.0	0.0	1.6	0.3
Nord Acrux PW	0.0	0.0	0.0	0.0	1.7	1.0	0.0	0.0	0.3	0.3
SYN 875 Víptera 3	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.1	0.7	0.4
P2109VYHR	0.0	0.0	0.3	0.0	0.0	0.0	0.0	3.7	0.0	0.5
P EXP	0.0	0.0	0.0	0.5	1.5	0.3	0.5	0.0	1.5	0.5
Next 20.6 PWEEnlist	0.4	0.5	0.9	0.0	1.6	0.0	0.0	0.5	0.7	0.5
ACA 473 VT3P	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.5	1.2	0.5
DK 72-70 VT3P	0.0	0.0	0.0	0.0	0.5	1.3	1.1	0.0	2.8	0.6
Nord Borax PW	0.0	0.5	0.4	1.0	0.0	2.0	0.0	2.4	0.0	0.7
KM 3916 GLS	0.3	0.0	0.0	1.4	0.0	0.0	0.0	1.7	3.6	0.8
SRM 6620 MGRR	0.0	0.0	1.0	0.0	0.0	0.7	0.0	4.0	2.0	0.8
ACA EXP 540 VT3P	0.4	0.0	0.0	0.3	0.0	0.7	0.0	2.3	4.4	0.9
LT 721 VT3P	0.0	0.0	0.0	0.0	0.0	2.8	0.0	1.1	4.9	1.0
AX 7784 VT3P	0.0	0.0	0.0	0.8	0.0	4.7	0.7	2.2	1.8	1.1
AS 740 VT3P	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.2	7.7	1.2
PAN 5175 PW	0.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0	3.7	1.2
ARG 7712 RR	0.3	0.0	0.8	0.4	0.0	0.4	0.3	1.8	7.8	1.3
B 507 PWU	0.0	0.0	1.2	1.7	4.1	5.2	1.2	6.9	0.8	2.3
Next 22.6 PWEEnlist	0.0	0.5	0.0	2.4	0.0	0.7	17.9	1.0	0.0	2.5
<b>Promedio</b>	0.0	0.1	0.2	0.4	0.5	0.8	0.8	1.4	2.0	0.7

## Porcentaje de vuelco. Siembra tardía.

Cultivar	M. Lauquen	Cuero de Zorro	America SUR I	General Villegas	Tres Alg.	America NORTE	America SUR II	Cerrito	Pehuajó	Promedio
LT 723 VT3P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	<b>0.1</b>
MH 7 1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.7	0.0	0.0	<b>0.1</b>
DK 72-70 VT3P	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	2.1	<b>0.3</b>
P2109VYHR	0.0	0.3	0.0	0.0	0.0	0.0	1.0	0.0	1.6	<b>0.3</b>
DK 72-27 VT3P	0.3	0.0	0.0	1.1	0.0	0.3	0.7	0.5	2.4	<b>0.6</b>
SYN 875 Viptera 3	0.0	0.0	0.0	2.1	0.0	0.3	1.0	0.0	2.1	<b>0.6</b>
AX 7761 VT3P	0.0	1.5	0.0	0.5	0.4	1.3	1.3	0.0	0.7	<b>0.6</b>
MS 7123 PW	0.7	0.0	0.0	0.0	1.0	3.0	2.5	0.0	0.7	<b>0.9</b>
LT 721 VT3P	0.0	0.0	0.0	1.1	0.3	1.1	2.8	0.0	2.7	<b>0.9</b>
P1815VYHR	0.5	0.9	0.0	2.6	0.0	0.0	1.5	2.1	2.4	<b>1.1</b>
ACA 473 VT3P	0.0	0.0	0.0	0.5	0.0	0.7	0.4	4.2	5.0	<b>1.2</b>
B 507 PWU	0.0	0.0	0.0	0.0	0.0	0.0	4.9	3.1	5.5	<b>1.5</b>
SRM 6620 MGRR	0.4	1.1	1.1	3.7	0.0	0.3	3.8	0.0	3.4	<b>1.5</b>
Nord Acrux PW	0.0	0.0	1.1	0.5	0.7	0.6	0.7	6.4	3.8	<b>1.5</b>
Nord Borax PW	0.0	0.7	0.5	1.0	1.0	0.7	1.3	1.0	7.7	<b>1.5</b>
Next 22.6 PWEenlist	0.3	1.5	1.6	0.5	0.4	1.0	0.4	3.7	4.5	<b>1.5</b>
P EXP	0.0	0.0	0.0	0.0	0.7	0.7	0.0	4.7	8.1	<b>1.6</b>
SYN 848 Viptera 3	0.0	1.6	0.0	0.0	0.0	0.7	0.0	6.0	8.1	<b>1.8</b>
LG 30.775 VT3P	2.6	0.0	0.0	0.0	3.4	0.9	0.8	5.4	4.0	<b>1.9</b>
PAN 5175 PW	0.0	1.0	3.2	1.2	4.2	1.1	4.9	0.0	3.5	<b>2.1</b>
TOB 767 Viptera 3	0.0	1.2	1.1	0.5	0.7	0.0	5.3	3.0	9.3	<b>2.3</b>
Next 20.6 PWEenlist	0.4	1.1	0.0	1.1	0.7	0.0	4.7	5.4	7.6	<b>2.3</b>
AX 7784 VT3P	0.5	1.5	1.6	2.6	1.3	0.3	0.4	1.1	11.9	<b>2.4</b>
AS 740 VT3P	0.0	1.2	1.1	1.7	5.1	1.0	1.8	2.1	7.7	<b>2.4</b>
SRM 566 VT3P	1.5	2.0	0.6	2.1	0.0	1.9	1.6	16.3	6.7	<b>3.6</b>
ACA EXP 540 VT3P	0.0	2.4	1.2	0.0	3.4	14.8	7.1	1.6	5.8	<b>4.0</b>
KM 3916 GLS	0.0	7.1	9.0	4.0	8.6	5.5	13.7	7.3	8.4	<b>7.1</b>
ACA EXP:18 MZ223VT3P	2.8	2.5	1.6	8.6	3.6	12.5	7.8	6.0	22.8	<b>7.6</b>
ARG 7712 RR	0.4	5.3	6.8	2.4	6.2	17.6	13.0	15.9	5.3	<b>8.1</b>
<b>Promedio</b>	<b>0.4</b>	<b>1.1</b>	<b>1.1</b>	<b>1.3</b>	<b>1.4</b>	<b>2.3</b>	<b>2.9</b>	<b>3.3</b>	<b>5.3</b>	<b>2.1</b>



## Porcentaje de humedad. Siembra tardía.

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	General Villegas	Pehuajó	Cuero de Zorro	Promedio
ACA 473 VT3P	19.8	23.1	21.4	19.7	18.4	20.8	18.6	23.1	22.8	<b>20.8</b>
LT 721 VT3P	20.6	23.3	20.9	19.8	18.3	20.8	18.1	23.6	22.5	<b>20.9</b>
AX 7784 VT3P	21.3	25.1	18.3	21.5	18.3	21.6	18.2	21.9	23.5	<b>21.0</b>
DK 72-70 VT3P	20.6	23.6	20.6	20.6	17.6	21.6	18.6	22.9	24.1	<b>21.1</b>
AX 7761 VT3P	21.1	25.3	20.9	21.6	18.1	21.6	18.7	22.4	22.2	<b>21.3</b>
B 507 PWU	20.6	23.3	21.0	20.8	19.5	22.1	19.3	23.3	22.2	<b>21.3</b>
Next 22.6 PWEEnlist	20.7	24.8	21.2	20.4	19.7	22.3	18.7	22.4	22.5	<b>21.4</b>
P1815VYHR	21.2	24.5	22.7	20.9	17.2	21.9	20.0	23.2	21.2	<b>21.4</b>
Next 20.6 PWEEnlist	21.0	23.7	21.8	20.9	20.7	22.2	18.0	23.3	21.7	<b>21.5</b>
AS 740 VT3P	21.1	24.5	20.6	21.2	18.1	21.6	19.5	24.9	22.3	<b>21.5</b>
Nord Borax PW	20.8	24.3	21.8	20.0	21.4	22.2	18.7	22.9	22.8	<b>21.7</b>
MS 7123 PW	21.2	23.7	21.3	21.5	21.0	22.0	18.8	23.0	22.4	<b>21.7</b>
Nord Acrux PW	21.1	25.0	20.9	20.7	21.1	21.7	18.7	23.6	22.6	<b>21.7</b>
LT 723 VT3P	21.5	23.7	21.0	21.9	19.9	22.6	19.4	23.4	23.0	<b>21.8</b>
MH 7 1.1	21.6	24.3	22.4	21.8	19.6	22.8	19.0	23.2	22.7	<b>21.9</b>
KM 3916 GLS	22.4	25.0	21.3	21.1	18.6	22.9	18.5	24.0	24.2	<b>22.0</b>
P2109VYHR	21.8	26.6	20.6	21.9	18.5	22.4	19.5	23.4	23.6	<b>22.0</b>
ACA EXP 540 VT3P	21.2	26.4	21.8	21.3	19.2	22.2	18.9	24.1	23.1	<b>22.0</b>
DK 72-27 VT3P	21.9	24.8	22.6	22.4	19.1	23.0	18.7	24.2	23.9	<b>22.3</b>
P EXP	23.0	25.2	21.5	21.9	19.7	22.6	20.3	23.5	23.1	<b>22.3</b>
SYN 848 Viptera 3	22.6	25.2	21.8	21.5	20.0	23.2	18.9	24.1	23.6	<b>22.3</b>
ARG 7712 RR	21.5	26.8	21.6	22.2	19.3	22.9	20.5	24.8	22.4	<b>22.4</b>
PAN 5175 PW	23.0	26.1	22.1	23.4	21.6	24.3	20.4	24.0	24.5	<b>23.3</b>
SRM 6620 MGRR	23.3	24.9	25.2	22.6	20.8	23.0	19.9	26.5	23.8	<b>23.3</b>
SYN 875 Viptera 3	23.0	27.7	21.3	25.0	19.9	25.9	19.8	22.7	26.4	<b>23.5</b>
LG 30.775 VT3P	23.0	26.0	23.8	24.0	21.2	23.8	20.6	25.3	24.3	<b>23.5</b>
ACA EXP:18 MZ223VT3P	23.1	27.7	23.4	22.8	21.2	23.7	20.7	25.0	24.5	<b>23.6</b>
SRM 566 VT3P	24.1	27.0	23.8	24.4	21.4	25.2	22.0	25.1	25.1	<b>24.2</b>
TOB 767 Viptera 3	25.9	29.0	24.1	26.1	22.8	27.2	21.9	24.0	26.3	<b>25.3</b>
<b>Promedio</b>	<b>21.9</b>	<b>25.2</b>	<b>21.8</b>	<b>21.9</b>	<b>19.7</b>	<b>22.8</b>	<b>19.4</b>	<b>23.7</b>	<b>23.4</b>	<b>22.2</b>

## Densidad de plantas por hectárea. Siembra tardía.

Cultivar	America NORTE	America SUR I	Cerrito	America SUR II	M. Lauquen	Tres Alg.	General Villegas	Pehuajó	Cuero de Zorro	Promedio
ACA 473 VT3P	70585	67950	69376	66479	67044	64089	69588	65930	63857	<b>67211</b>
ACA EXP 540 VT3P	66187	62887	67599	70710	67100	72675	63366	69878	65047	<b>67272</b>
ACA EXP:18 MZ223VT3P	67796	68064	63277	62737	65184	62526	66352	65201	59993	<b>64570</b>
ARG 7712 RR	68911	64215	67980	67756	61268	63772	68936	68563	65650	<b>66339</b>
AS 740 VT3P	70694	70713	67642	65791	64366	66792	66563	63499	61034	<b>66344</b>
AX 7761 VT3P	71276	66016	67304	65674	63706	66570	67168	66190	65429	<b>66592</b>
AX 7784 VT3P	70510	71137	67851	61134	73705	68385	66142	68404	59088	<b>67373</b>
B 507 PWU	70499	70841	70477	70320	65055	65434	70615	67017	67540	<b>68644</b>
DK 72-27 VT3P	71474	72287	71154	67601	68418	62315	67431	68224	63141	<b>68005</b>
DK 72-70 VT3P	69861	71308	68592	71953	71040	69048	70641	66313	60529	<b>68809</b>
KM 3916 GLS	68312	71906	67728	68046	67021	66847	63975	66557	64909	<b>67256</b>
LG 30.775 VT3P	70364	69798	68866	70246	67495	67662	66165	67236	63019	<b>67872</b>
LT 721 VT3P	70236	69446	62648	67491	67182	67234	63115	71527	66525	<b>67267</b>
LT 723 VT3P	70556	71849	69567	69805	67742	67679	71412	71786	68506	<b>69878</b>
MH 7 1.1	69143	68367	35076	66898	68625	62201	67430	66083	68310	<b>63570</b>
MS 7123 PW	69339	68748	52245	65779	63016	61985	72296	65018	61931	<b>64484</b>
Next 20.6 PWEenlist	70226	65135	67175	61572	69004	65890	68122	73772	65224	<b>67347</b>
Next 22.6 PWEenlist	69518	63884	68361	71608	71511	64057	67799	67372	63734	<b>67538</b>
Nord Acrux PW	71066	63108	67132	70431	68202	63486	69758	65751	65622	<b>67173</b>
Nord Borax PW	66818	70172	69081	69054	63774	67478	69824	66980	64093	<b>67475</b>
P EXP	70771	69079	64291	68743	65998	62859	56304	65086	65496	<b>65403</b>
P1815VYHR	69391	70799	70010	69895	64425	62262	74547	65895	67665	<b>68321</b>
P2109VYHR	72308	70136	65397	69528	68047	69704	66089	69961	68911	<b>68898</b>
PAN 5175 PW	70318	69663	66784	64894	67895	67793	60960	70133	65901	<b>67149</b>
SRM 566 VT3P	71573	68694	69615	68618	67426	66056	72798	68677	59283	<b>68082</b>
SRM 6620 MGRR	70879	71397	68785	69851	62567	69048	54198	66295	70309	<b>67036</b>
SYN 848 Viptera 3	71707	71814	65569	66868	69259	68367	57321	65565	65412	<b>66875</b>
SYN 875 Viptera 3	72595	70756	61180	67895	70196	67859	69253	67252	62788	<b>67753</b>
TOB 767 Viptera 3	70060	69403	62896	63240	67453	67834	66826	65401	64855	<b>66441</b>
<b>Promedio</b>	<b>70102</b>	<b>68951</b>	<b>71025</b>	<b>67607</b>	<b>67025</b>	<b>66135</b>	<b>66724</b>	<b>69002</b>	<b>64614</b>	<b>67137</b>

Queremos acercarte toda la información de uno de nuestros proyectos más importantes, que venimos desarrollando desde 2008. Se trata de la Red de Evaluación de cultivares de maíz del Oeste de Buenos Aires, la red referente y más confiable de la Región. Conducida enteramente con maquinaria experimental y analizada por profesionales altamente capacitados en investigación y extensión.



# Ojos del Salado

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