

### PRECIOS EN PESOS

Precios del 31-may-19	Moneda de cotización	TIREA	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento
				Monto	%					Renta	Amortización	

#### BONOS DENOMINADOS EN DÓLARES - COTIZACIÓN EN PESOS <sup>(a)</sup>

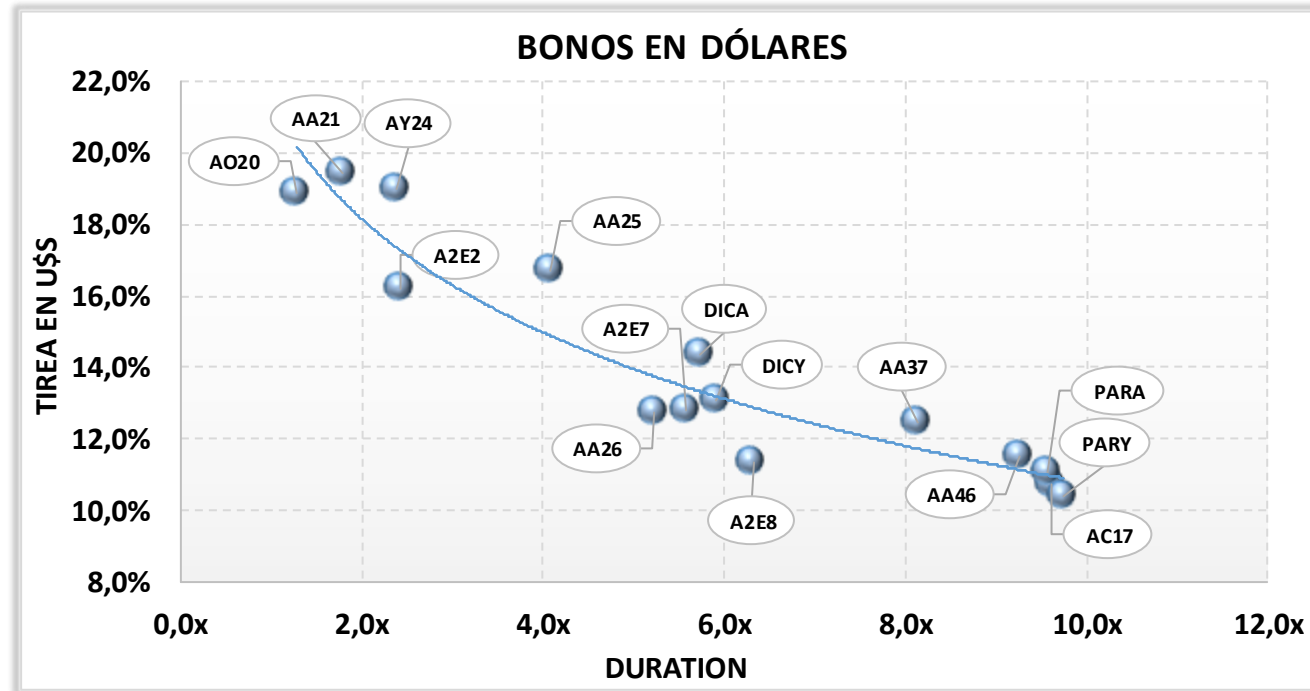
A020	4.050,00	pesos	18,06%	1,3x	100,00	100,00%	1,24	101,24	89,29%	8,000%	8-oct-2019	4,00	8-oct-2020	100,00	8-oct-2020
AA21	3.711,68	pesos	19,43%	1,8x	100,00	100,00%	0,80	100,80	82,19%	6,875%	22-oct-2019	3,44	22-abr-2021	100,00	22-abr-2021
AY24	3.024,00	pesos	18,93%	2,4x	83,34	83,34%	0,55	83,89	80,47%	8,750%	7-nov-2019	3,65	7-may-2020	16,66	7-may-2024
A2E2	3.650,00	pesos	15,91%	2,4x	100,00	100,00%	2,00	102,00	79,88%	5,625%	26-jul-2019	2,81	26-ene-2022	100,00	26-ene-2022
AA25	3.025,00	pesos	16,45%	4,1x	100,00	100,00%	0,73	100,73	67,03%	5,750%	18-oct-2019	2,88	18-abr-2023	33,00	18-abr-2025
AA26	3.530,00	pesos	12,72%	5,2x	100,00	100,00%	0,88	100,88	78,11%	7,500%	22-oct-2019	3,75	22-abr-2026	100,00	22-abr-2026
A2E7	3.350,00	pesos	13,00%	5,6x	100,00	100,00%	2,44	102,44	72,99%	6,875%	26-jul-2019	3,44	26-ene-2027	100,00	26-ene-2027
A2E8	3.250,00	pesos	11,71%	6,3x	100,00	100,00%	2,33	102,33	70,89%	5,875%	11-jul-2019	2,94	11-ene-2028	100,00	11-ene-2028
DICA	4.715,00	pesos	14,28%	5,7x	140,20	100,00%	4,97	145,17	72,50%	8,280%	30-jun-2019	5,80	30-jun-2024	7,01	31-dic-2033
DICY	5.125,00	pesos	12,66%	6,0x	140,20	100,00%	4,97	145,17	78,80%	8,280%	30-jun-2019	5,80	30-jun-2024	7,01	31-dic-2033
AA37	3.080,00	pesos	12,52%	8,1x	100,00	100,00%	0,97	100,97	68,09%	7,625%	18-oct-2019	3,81	18-abr-2035	33,00	18-abr-2037
PARA	2.360,00	pesos	10,79%	9,6x	100,00	100,00%	0,67	100,67	52,33%	3,750%	30-sep-2019	1,88	30-sep-2029	5,00	31-dic-2038
AA46	3.162,88	pesos	11,51%	9,3x	100,00	100,00%	0,89	100,89	69,98%	7,625%	22-oct-2019	3,81	22-abr-2046	100,00	22-abr-2046
AC17	3.220,00	pesos	10,62%	9,7x	100,00	100,00%	3,09	103,09	69,72%	7,125%	28-jun-2019	3,56	28-jun-2117	100,00	28-jun-2117

#### NOTAS Y ACLARACIONES:

Las cotizaciones corresponden a las de BYMA de plazo 48hs. Si no cotizó en ese mercado se toma el del MAE. Si no cotizó en ningún mercado se tome el último cierre.

Si una especie no cotizó en una de las monedas, se toma la cotización en la otra moneda corregida por el tipo de cambio BNA prom. C/V. Los cálculos de indicadores corresponden al 04.06.2019

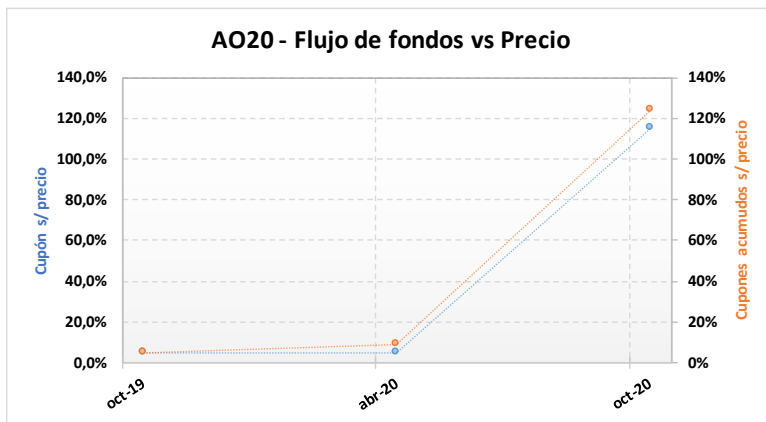
(a) Tipo de cambio BNA Prom. C/V: **\$/u\$s 44,80** La TIR está expresada en u\$s.



### AO20 – Bonar 2020

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta	Amortización			
4.050,00	pesos	18,06%	1,29x	100,00	100,00%	1,24	101,24	89,29%	8,000%	8-oct-2019	4,00	8-oct-2020	100,00	8-oct-2020

Tipo de cambio simulado: **44,80**

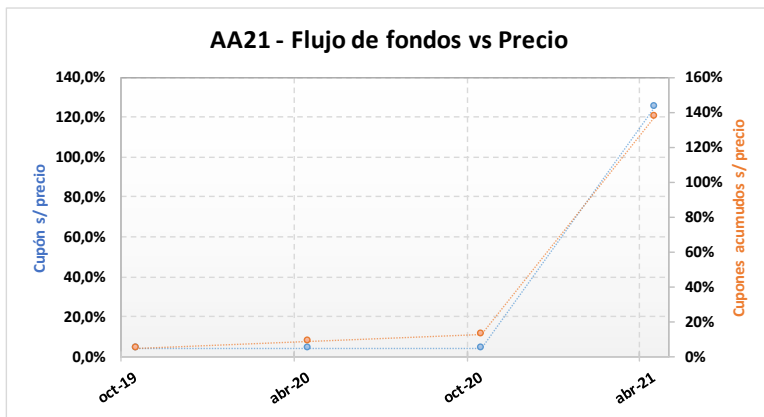


- AO20 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.975	3.990	4.005	4.020	4.035	4.050,00	4.065	4.080	4.095	4.110	4.125
TIPO DE CAMBIO SIMULADO	42,30	14,56%	14,22%	13,89%	13,56%	13,23%	<b>12,91%</b>	12,59%	12,26%	11,95%	11,63%	11,31%
	42,55	15,08%	14,75%	14,41%	14,08%	13,75%	<b>13,43%</b>	13,10%	12,78%	12,46%	12,14%	11,82%
	42,80	15,61%	15,27%	14,94%	14,60%	14,27%	<b>13,94%</b>	13,62%	13,29%	12,97%	12,65%	12,33%
	43,05	16,13%	15,79%	15,46%	15,12%	14,79%	<b>14,46%</b>	14,13%	13,81%	13,48%	13,16%	12,84%
	43,30	16,66%	16,32%	15,98%	15,64%	15,31%	<b>14,98%</b>	14,65%	14,32%	13,99%	13,67%	13,35%
	43,55	17,18%	16,84%	16,50%	16,16%	15,82%	<b>15,49%</b>	15,16%	14,83%	14,50%	14,18%	13,86%
	43,80	17,70%	17,36%	17,02%	16,68%	16,34%	<b>16,00%</b>	15,67%	15,34%	15,01%	14,69%	14,36%
	44,05	18,22%	17,88%	17,53%	17,19%	16,86%	<b>16,52%</b>	16,18%	15,85%	15,52%	15,20%	14,87%
	44,30	18,74%	18,40%	18,05%	17,71%	17,37%	<b>17,03%</b>	16,70%	16,36%	16,03%	15,70%	15,38%
	44,55	19,27%	18,92%	18,57%	18,23%	17,88%	<b>17,54%</b>	17,21%	16,87%	16,54%	16,21%	15,88%
	44,80	<b>19,79%</b>	<b>19,43%</b>	<b>19,09%</b>	<b>18,74%</b>	<b>18,40%</b>	<b>18,06%</b>	<b>17,72%</b>	<b>17,38%</b>	<b>17,05%</b>	<b>16,72%</b>	<b>16,39%</b>
	45,05	20,30%	19,95%	19,60%	19,26%	18,91%	<b>18,57%</b>	18,23%	17,89%	17,56%	17,22%	16,89%
	45,30	20,82%	20,47%	20,12%	19,77%	19,42%	<b>19,08%</b>	18,74%	18,40%	18,06%	17,73%	17,39%
	45,55	21,34%	20,99%	20,63%	20,28%	19,94%	<b>19,59%</b>	19,25%	18,91%	18,57%	18,23%	17,90%
	45,80	21,86%	21,50%	21,15%	20,80%	20,45%	<b>20,10%</b>	19,76%	19,41%	19,07%	18,74%	18,40%
	46,05	22,38%	22,02%	21,66%	21,31%	20,96%	<b>20,61%</b>	20,26%	19,92%	19,58%	19,24%	18,90%
	46,30	22,89%	22,53%	22,18%	21,82%	21,47%	<b>21,12%</b>	20,77%	20,43%	20,08%	19,74%	19,40%
46,55	23,41%	23,05%	22,69%	22,33%	21,98%	<b>21,63%</b>	21,28%	20,93%	20,59%	20,24%	19,90%	
46,80	23,93%	23,56%	23,20%	22,84%	22,49%	<b>22,14%</b>	21,78%	21,44%	21,09%	20,75%	20,40%	
47,05	24,44%	24,08%	23,71%	23,35%	23,00%	<b>22,64%</b>	22,29%	21,94%	21,59%	21,25%	20,90%	
47,30	24,96%	24,59%	24,23%	23,86%	23,51%	<b>23,15%</b>	22,80%	22,44%	22,10%	21,75%	21,40%	

### AA21 – Bono internacional de la Rep. Arg. en u\$s 6,875% - 2021

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
31-may-19	pesos	19,43%	1,78x	100,00	100,00%	0,80	100,80	82,19%	6,875%	22-oct-2019	3,44	22-abr-2021	100,00	22-abr-2021

Tipo de cambio simulado: **44,80**

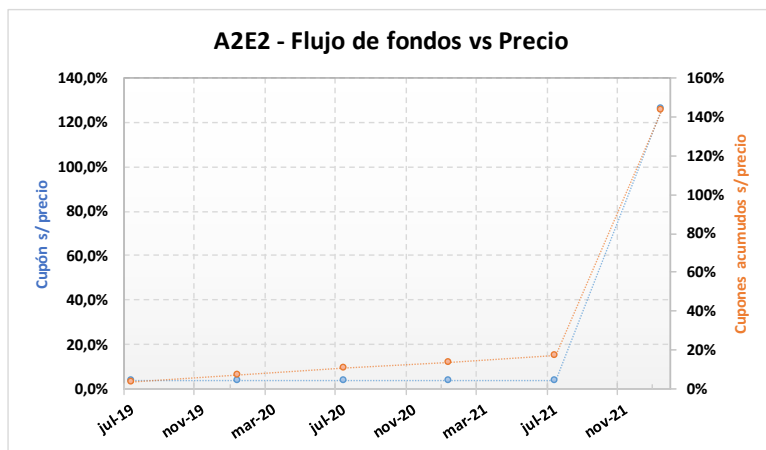


- AA21- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.635	3.650	3.665	3.680	3.695	3.711,68	3.725	3.740	3.755	3.770	3.785
TIPO DE CAMBIO SIMULADO	42,30	17,00%	16,73%	16,46%	16,19%	15,93%	<b>15,63%</b>	15,40%	15,14%	14,88%	14,63%	14,37%
	42,55	17,39%	17,12%	16,85%	16,58%	16,31%	<b>16,02%</b>	15,78%	15,52%	15,26%	15,01%	14,75%
	42,80	17,78%	17,50%	17,23%	16,96%	16,70%	<b>16,40%</b>	16,17%	15,90%	15,64%	15,38%	15,13%
	43,05	18,16%	17,89%	17,62%	17,35%	17,08%	<b>16,78%</b>	16,55%	16,28%	16,02%	15,76%	15,51%
	43,30	18,55%	18,27%	18,00%	17,73%	17,46%	<b>17,16%</b>	16,93%	16,66%	16,40%	16,14%	15,88%
	43,55	18,93%	18,66%	18,38%	18,11%	17,84%	<b>17,54%</b>	17,31%	17,04%	16,78%	16,52%	16,26%
	43,80	19,32%	19,04%	18,77%	18,49%	18,22%	<b>17,92%</b>	17,69%	17,42%	17,16%	16,89%	16,63%
	44,05	19,70%	19,42%	19,15%	18,87%	18,60%	<b>18,30%</b>	18,06%	17,80%	17,53%	17,27%	17,01%
	44,30	20,08%	19,80%	19,53%	19,25%	18,98%	<b>18,68%</b>	18,44%	18,17%	17,91%	17,64%	17,38%
	44,55	20,46%	20,19%	19,91%	19,63%	19,36%	<b>19,06%</b>	18,82%	18,55%	18,28%	18,02%	17,75%
	44,80	<b>20,85%</b>	<b>20,56%</b>	<b>20,29%</b>	<b>20,01%</b>	<b>19,74%</b>	<b>19,43%</b>	<b>19,19%</b>	<b>18,92%</b>	<b>18,65%</b>	<b>18,39%</b>	<b>18,12%</b>
	45,05	21,22%	20,94%	20,66%	20,39%	20,11%	<b>19,81%</b>	19,57%	19,29%	19,03%	18,76%	18,49%
	45,30	21,60%	21,32%	21,04%	20,76%	20,49%	<b>20,18%</b>	19,94%	19,67%	19,40%	19,13%	18,86%
	45,55	21,98%	21,70%	21,42%	21,14%	20,86%	<b>20,55%</b>	20,31%	20,04%	19,77%	19,50%	19,23%
	45,80	22,36%	22,08%	21,79%	21,51%	21,23%	<b>20,93%</b>	20,68%	20,41%	20,14%	19,87%	19,60%
	46,05	22,74%	22,45%	22,17%	21,89%	21,61%	<b>21,30%</b>	21,05%	20,78%	20,51%	20,24%	19,97%
	46,30	23,11%	22,83%	22,54%	22,26%	21,98%	<b>21,67%</b>	21,42%	21,15%	20,88%	20,60%	20,34%
46,55	23,49%	23,20%	22,91%	22,63%	22,35%	<b>22,04%</b>	21,79%	21,52%	21,24%	20,97%	20,70%	
46,80	23,86%	23,57%	23,29%	23,00%	22,72%	<b>22,41%</b>	22,16%	21,89%	21,61%	21,34%	21,07%	
47,05	24,23%	23,94%	23,66%	23,37%	23,09%	<b>22,78%</b>	22,53%	22,25%	21,98%	21,70%	21,43%	
47,30	24,61%	24,32%	24,03%	23,74%	23,46%	<b>23,15%</b>	22,90%	22,62%	22,34%	22,07%	21,79%	

### A2E2 – Bonar 2022 (Ley NY)

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta	Amortización			
3.650,00	pesos	15,91%	2,42x	100,00	100,00%	2,00	102,00	79,88%	5,625%	26-jul-2019	2,81	26-ene-2022	100,00	26-ene-2022

Tipo de cambio simulado: 44,80



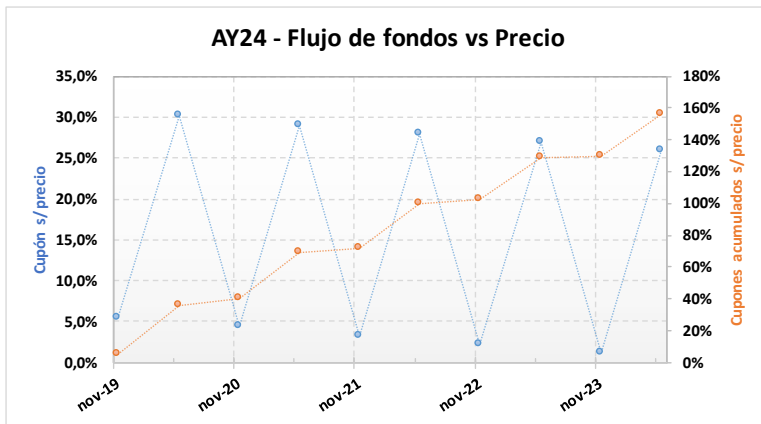
-A2E2- SENSIBILIDAD DE LA TIR	PRECIO EN PESOS SIMULADO										
	3.400	3.450	3.500	3.550	3.600	3.650,00	3.700	3.750	3.800	3.850	3.900
42,30	16,56%	15,86%	15,17%	14,50%	13,84%	<b>13,19%</b>	12,56%	11,94%	11,33%	10,74%	10,15%
42,55	16,84%	16,14%	15,45%	14,78%	14,11%	<b>13,47%</b>	12,83%	12,21%	11,60%	11,00%	10,42%
42,80	17,13%	16,42%	15,73%	15,05%	14,39%	<b>13,74%</b>	13,11%	12,48%	11,87%	11,27%	10,68%
43,05	17,41%	16,70%	16,01%	15,33%	14,67%	<b>14,02%</b>	13,38%	12,75%	12,14%	11,54%	10,95%
43,30	17,69%	16,98%	16,29%	15,61%	14,94%	<b>14,29%</b>	13,65%	13,02%	12,41%	11,80%	11,21%
43,55	17,97%	17,26%	16,56%	15,88%	15,21%	<b>14,56%</b>	13,92%	13,29%	12,67%	12,07%	11,48%
43,80	18,25%	17,54%	16,84%	16,16%	15,49%	<b>14,83%</b>	14,19%	13,56%	12,94%	12,33%	11,74%
44,05	18,53%	17,82%	17,12%	16,43%	15,76%	<b>15,10%</b>	14,46%	13,82%	13,20%	12,60%	12,00%
44,30	18,81%	18,09%	17,39%	16,70%	16,03%	<b>15,37%</b>	14,72%	14,09%	13,47%	12,86%	12,26%
44,55	19,09%	18,37%	17,67%	16,98%	16,30%	<b>15,64%</b>	14,99%	14,36%	13,73%	13,12%	12,52%
44,80	<b>19,37%</b>	<b>18,65%</b>	<b>17,94%</b>	<b>17,25%</b>	<b>16,57%</b>	<b>15,91%</b>	<b>15,26%</b>	<b>14,62%</b>	<b>14,00%</b>	<b>13,38%</b>	<b>12,78%</b>
45,05	19,64%	18,92%	18,21%	17,52%	16,84%	<b>16,17%</b>	15,52%	14,88%	14,26%	13,64%	13,04%
45,30	19,92%	19,19%	18,48%	17,79%	17,11%	<b>16,44%</b>	15,79%	15,15%	14,52%	13,90%	13,30%
45,55	20,19%	19,47%	18,75%	18,06%	17,37%	<b>16,71%</b>	16,05%	15,41%	14,78%	14,16%	13,56%
45,80	20,47%	19,74%	19,02%	18,33%	17,64%	<b>16,97%</b>	16,31%	15,67%	15,04%	14,42%	13,81%
46,05	20,74%	20,01%	19,29%	18,59%	17,91%	<b>17,24%</b>	16,58%	15,93%	15,30%	14,68%	14,07%
46,30	21,01%	20,28%	19,56%	18,86%	18,17%	<b>17,50%</b>	16,84%	16,19%	15,56%	14,93%	14,32%
46,55	21,29%	20,55%	19,83%	19,13%	18,44%	<b>17,76%</b>	17,10%	16,45%	15,81%	15,19%	14,58%
46,80	21,56%	20,82%	20,10%	19,39%	18,70%	<b>18,02%</b>	17,36%	16,71%	16,07%	15,44%	14,83%
47,05	21,83%	21,09%	20,36%	19,66%	18,96%	<b>18,28%</b>	17,62%	16,97%	16,33%	15,70%	15,08%
47,30	22,10%	21,36%	20,63%	19,92%	19,23%	<b>18,54%</b>	17,88%	17,22%	16,58%	15,95%	15,34%

TIPO DE CAMBIO SIMULADO

### AY24 – Bonar 2024

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
3.024,00	pesos	18,93%	2,39x	83,34	83,34%	0,55	83,89	80,47%	8,750%	7-nov-2019	3,65	7-may-2020	16,66	7-may-2024

Tipo de cambio simulado: **44,80**

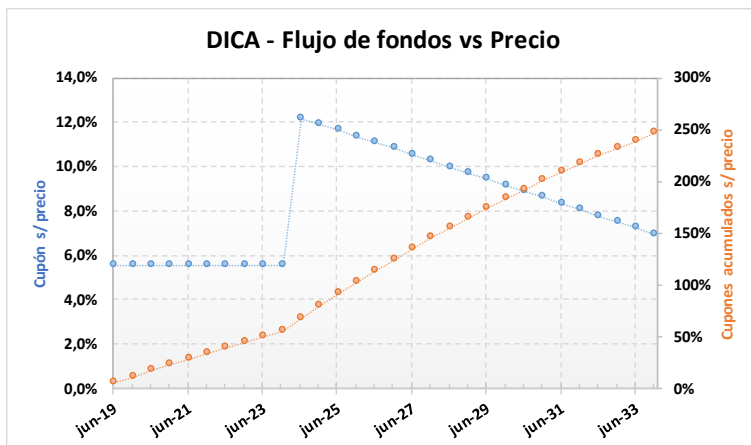


- AY24 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.950	2.965	2.980	2.995	3.010	3.024,00	3.040	3.055	3.070	3.085	3.100
TIPO DE CAMBIO SIMULADO	42,30	17,32%	17,08%	16,83%	16,59%	16,35%	<b>16,13%</b>	15,88%	15,65%	15,41%	15,18%	14,96%
	42,55	17,61%	17,36%	17,12%	16,87%	16,63%	<b>16,41%</b>	16,16%	15,92%	15,69%	15,46%	15,23%
	42,80	17,90%	17,65%	17,40%	17,16%	16,92%	<b>16,69%</b>	16,44%	16,20%	15,97%	15,74%	15,51%
	43,05	18,18%	17,93%	17,69%	17,44%	17,20%	<b>16,97%</b>	16,72%	16,48%	16,25%	16,02%	15,79%
	43,30	18,47%	18,22%	17,97%	17,72%	17,48%	<b>17,25%</b>	17,00%	16,76%	16,53%	16,29%	16,06%
	43,55	18,75%	18,50%	18,25%	18,01%	17,76%	<b>17,53%</b>	17,28%	17,04%	16,80%	16,57%	16,34%
	43,80	19,04%	18,78%	18,53%	18,29%	18,04%	<b>17,81%</b>	17,56%	17,32%	17,08%	16,84%	16,61%
	44,05	19,32%	19,07%	18,82%	18,57%	18,32%	<b>18,09%</b>	17,83%	17,59%	17,35%	17,12%	16,88%
	44,30	19,61%	19,35%	19,10%	18,85%	18,60%	<b>18,37%</b>	18,11%	17,87%	17,63%	17,39%	17,16%
	44,55	19,89%	19,63%	19,38%	19,13%	18,88%	<b>18,65%</b>	18,39%	18,15%	17,91%	17,67%	17,43%
	<b>44,80</b>	<b>20,17%</b>	<b>19,92%</b>	<b>19,66%</b>	<b>19,41%</b>	<b>19,16%</b>	<b>18,93%</b>	<b>18,67%</b>	<b>18,42%</b>	<b>18,18%</b>	<b>17,94%</b>	<b>17,70%</b>
	45,05	20,46%	20,20%	19,94%	19,69%	19,44%	<b>19,21%</b>	18,94%	18,70%	18,45%	18,21%	17,98%
	45,30	20,74%	20,48%	20,22%	19,97%	19,72%	<b>19,48%</b>	19,22%	18,97%	18,73%	18,49%	18,25%
	45,55	21,02%	20,76%	20,50%	20,25%	19,99%	<b>19,76%</b>	19,49%	19,25%	19,00%	18,76%	18,52%
	45,80	21,30%	21,04%	20,78%	20,53%	20,27%	<b>20,04%</b>	19,77%	19,52%	19,28%	19,03%	18,79%
	46,05	21,58%	21,32%	21,06%	20,80%	20,55%	<b>20,31%</b>	20,04%	19,80%	19,55%	19,30%	19,06%
	46,30	21,86%	21,60%	21,34%	21,08%	20,82%	<b>20,59%</b>	20,32%	20,07%	19,82%	19,58%	19,33%
	46,55	22,15%	21,88%	21,62%	21,36%	21,10%	<b>20,86%</b>	20,59%	20,34%	20,09%	19,85%	19,60%
46,80	22,43%	22,16%	21,90%	21,64%	21,38%	<b>21,14%</b>	20,87%	20,62%	20,37%	20,12%	19,87%	
47,05	22,71%	22,44%	22,17%	21,91%	21,65%	<b>21,41%</b>	21,14%	20,89%	20,64%	20,39%	20,14%	
47,30	22,99%	22,72%	22,45%	22,19%	21,93%	<b>21,69%</b>	21,41%	21,16%	20,91%	20,66%	20,41%	

### DICA – Bono Discount en dólares (ley argentina)

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta	Amortización			
4.715,00	pesos	14,28%	5,75x	140,20	100,00%	4,97	145,17	72,50%	8,280%	30-jun-2019	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: **44,80**

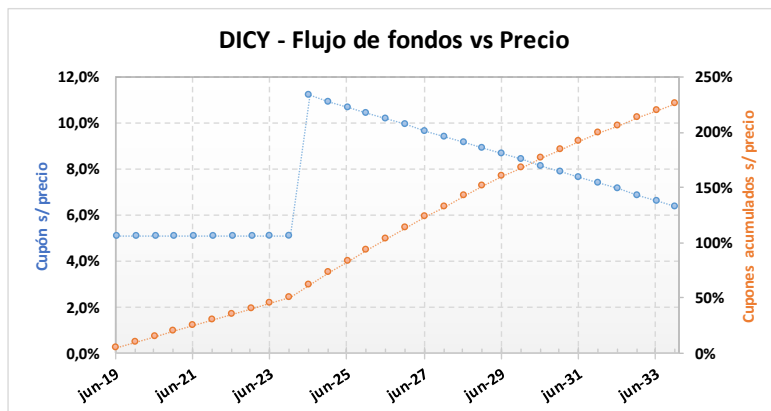


- DICA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		4.465	4.515	4.565	4.615	4.665	4.715,00	4.765	4.815	4.865	4.915	4.965
TIPO DE CAMBIO SIMULADO	42,30	14,22%	14,00%	13,78%	13,57%	13,36%	<b>13,15%</b>	12,95%	12,75%	12,56%	12,37%	12,18%
	42,55	14,34%	14,11%	13,90%	13,68%	13,47%	<b>13,27%</b>	13,07%	12,87%	12,67%	12,48%	12,29%
	42,80	14,45%	14,23%	14,01%	13,80%	13,59%	<b>13,38%</b>	13,18%	12,98%	12,78%	12,59%	12,40%
	43,05	14,57%	14,35%	14,13%	13,91%	13,70%	<b>13,49%</b>	13,29%	13,09%	12,89%	12,70%	12,51%
	43,30	14,69%	14,46%	14,24%	14,03%	13,81%	<b>13,61%</b>	13,40%	13,20%	13,00%	12,81%	12,62%
	43,55	14,80%	14,58%	14,36%	14,14%	13,93%	<b>13,72%</b>	13,51%	13,31%	13,11%	12,92%	12,72%
	43,80	14,92%	14,69%	14,47%	14,25%	14,04%	<b>13,83%</b>	13,62%	13,42%	13,22%	13,03%	12,83%
	44,05	15,03%	14,81%	14,59%	14,37%	14,15%	<b>13,94%</b>	13,74%	13,53%	13,33%	13,14%	12,94%
	44,30	15,15%	14,92%	14,70%	14,48%	14,27%	<b>14,05%</b>	13,85%	13,64%	13,44%	13,24%	13,05%
	44,55	15,26%	15,04%	14,81%	14,59%	14,38%	<b>14,17%</b>	13,96%	13,75%	13,55%	13,35%	13,16%
	44,80	<b>15,38%</b>	<b>15,15%</b>	<b>14,93%</b>	<b>14,71%</b>	<b>14,49%</b>	<b>14,28%</b>	<b>14,07%</b>	<b>13,86%</b>	<b>13,66%</b>	<b>13,46%</b>	<b>13,27%</b>
	45,05	15,49%	15,26%	15,04%	14,82%	14,60%	<b>14,39%</b>	14,18%	13,97%	13,77%	13,57%	13,37%
	45,30	15,61%	15,38%	15,15%	14,93%	14,71%	<b>14,50%</b>	14,29%	14,08%	13,88%	13,68%	13,48%
	45,55	15,72%	15,49%	15,26%	15,04%	14,82%	<b>14,61%</b>	14,40%	14,19%	13,99%	13,78%	13,59%
	45,80	15,84%	15,60%	15,38%	15,15%	14,93%	<b>14,72%</b>	14,51%	14,30%	14,09%	13,89%	13,69%
	46,05	15,95%	15,72%	15,49%	15,26%	15,04%	<b>14,83%</b>	14,62%	14,41%	14,20%	14,00%	13,80%
	46,30	16,06%	15,83%	15,60%	15,38%	15,15%	<b>14,94%</b>	14,72%	14,51%	14,31%	14,11%	13,91%
46,55	16,18%	15,94%	15,71%	15,49%	15,27%	<b>15,05%</b>	14,83%	14,62%	14,42%	14,21%	14,01%	
46,80	16,29%	16,05%	15,82%	15,60%	15,37%	<b>15,16%</b>	14,94%	14,73%	14,52%	14,32%	14,12%	
47,05	16,40%	16,17%	15,93%	15,71%	15,48%	<b>15,27%</b>	15,05%	14,84%	14,63%	14,43%	14,22%	
47,30	16,51%	16,28%	16,05%	15,82%	15,59%	<b>15,37%</b>	15,16%	14,95%	14,74%	14,53%	14,33%	

### DICY – Bono Discount en dólares (ley New York)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
31-may-19	pesos	12,66%	5,96x	140,20	100,00%	4,97	145,17	78,80%	8,280%	30-jun-2019	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: 44,80



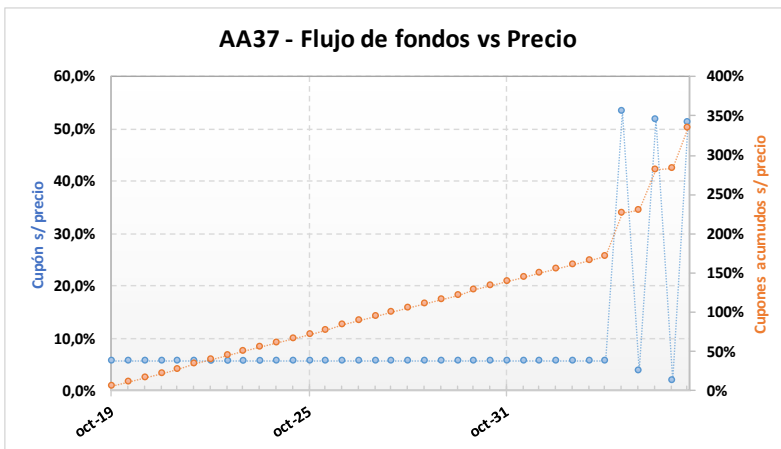
- DICY - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		4.875	4.925	4.975	5.025	5.075	5.125,00	5.175	5.225	5.275	5.325	5.375
TIPO DE CAMBIO SIMULADO	42,30	12,52%	12,33%	12,14%	11,95%	11,77%	<b>11,59%</b>	11,41%	11,24%	11,07%	10,90%	10,73%
	42,55	12,63%	12,44%	12,25%	12,06%	11,88%	<b>11,70%</b>	11,52%	11,35%	11,17%	11,00%	10,84%
	42,80	12,74%	12,55%	12,36%	12,17%	11,99%	<b>11,81%</b>	11,63%	11,45%	11,28%	11,11%	10,94%
	43,05	12,85%	12,66%	12,47%	12,28%	12,10%	<b>11,92%</b>	11,74%	11,56%	11,39%	11,22%	11,05%
	43,30	12,96%	12,77%	12,58%	12,39%	12,20%	<b>12,02%</b>	11,84%	11,67%	11,49%	11,32%	11,15%
	43,55	13,07%	12,88%	12,69%	12,50%	12,31%	<b>12,13%</b>	11,95%	11,77%	11,60%	11,42%	11,25%
	43,80	13,18%	12,99%	12,80%	12,61%	12,42%	<b>12,24%</b>	12,06%	11,88%	11,70%	11,53%	11,36%
	44,05	13,29%	13,10%	12,90%	12,71%	12,53%	<b>12,34%</b>	12,16%	11,98%	11,81%	11,63%	11,46%
	44,30	13,40%	13,21%	13,01%	12,82%	12,63%	<b>12,45%</b>	12,27%	12,09%	11,91%	11,74%	11,57%
	44,55	13,51%	13,31%	13,12%	12,93%	12,74%	<b>12,55%</b>	12,37%	12,19%	12,02%	11,84%	11,67%
	44,80	<b>13,62%</b>	<b>13,42%</b>	<b>13,23%</b>	<b>13,03%</b>	<b>12,85%</b>	<b>12,66%</b>	<b>12,48%</b>	<b>12,30%</b>	<b>12,12%</b>	<b>11,94%</b>	<b>11,77%</b>
	45,05	13,73%	13,53%	13,33%	13,14%	12,95%	<b>12,77%</b>	12,58%	12,40%	12,22%	12,05%	11,87%
	45,30	13,84%	13,64%	13,44%	13,25%	13,06%	<b>12,87%</b>	12,69%	12,50%	12,33%	12,15%	11,98%
	45,55	13,94%	13,74%	13,55%	13,35%	13,16%	<b>12,98%</b>	12,79%	12,61%	12,43%	12,25%	12,08%
	45,80	14,05%	13,85%	13,65%	13,46%	13,27%	<b>13,08%</b>	12,89%	12,71%	12,53%	12,35%	12,18%
	46,05	14,16%	13,96%	13,76%	13,57%	13,37%	<b>13,18%</b>	13,00%	12,82%	12,63%	12,46%	12,28%
	46,30	14,27%	14,07%	13,87%	13,67%	13,48%	<b>13,29%</b>	13,10%	12,92%	12,74%	12,56%	12,38%
	46,55	14,38%	14,17%	13,97%	13,78%	13,58%	<b>13,39%</b>	13,21%	13,02%	12,84%	12,66%	12,48%
46,80	14,48%	14,28%	14,08%	13,88%	13,69%	<b>13,50%</b>	13,31%	13,12%	12,94%	12,76%	12,59%	
47,05	14,59%	14,38%	14,18%	13,99%	13,79%	<b>13,60%</b>	13,41%	13,23%	13,04%	12,86%	12,69%	
47,30	14,70%	14,49%	14,29%	14,09%	13,90%	<b>13,70%</b>	13,51%	13,33%	13,14%	12,96%	12,79%	



## AA37 – Bonos de la Nación Argentina en U\$S 7.625% - VTO. 2037

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
3.080,00	pesos	12,52%	8,12x	100,00	100,00%	0,97	100,97	68,09%	7,625%	18-oct-2019	3,81	18-abr-2035	33,00	18-abr-2037

Tipo de cambio simulado: **44,80**

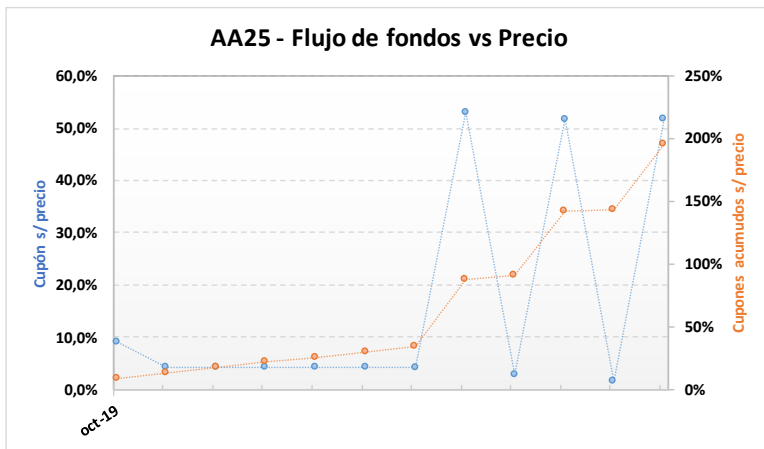


- AA37- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.830	2.880	2.930	2.980	3.030	3.080,00	3.130	3.180	3.230	3.280	3.330
TIPO DE CAMBIO SIMULADO	42,30	12,90%	12,66%	12,42%	12,19%	11,96%	<b>11,74%</b>	11,53%	11,32%	11,12%	10,92%	10,72%
	42,55	12,99%	12,74%	12,50%	12,27%	12,04%	<b>11,82%</b>	11,61%	11,40%	11,19%	10,99%	10,80%
	42,80	13,07%	12,82%	12,58%	12,35%	12,12%	<b>11,90%</b>	11,68%	11,47%	11,27%	11,07%	10,87%
	43,05	13,15%	12,90%	12,66%	12,43%	12,20%	<b>11,98%</b>	11,76%	11,55%	11,35%	11,14%	10,95%
	43,30	13,24%	12,99%	12,74%	12,51%	12,28%	<b>12,06%</b>	11,84%	11,63%	11,42%	11,22%	11,02%
	43,55	13,32%	13,07%	12,82%	12,59%	12,36%	<b>12,13%</b>	11,92%	11,70%	11,50%	11,30%	11,10%
	43,80	13,40%	13,15%	12,91%	12,67%	12,44%	<b>12,21%</b>	11,99%	11,78%	11,57%	11,37%	11,17%
	44,05	13,48%	13,23%	12,99%	12,75%	12,52%	<b>12,29%</b>	12,07%	11,86%	11,65%	11,44%	11,25%
	44,30	13,57%	13,31%	13,07%	12,83%	12,59%	<b>12,37%</b>	12,15%	11,93%	11,72%	11,52%	11,32%
	44,55	13,65%	13,39%	13,15%	12,91%	12,67%	<b>12,45%</b>	12,22%	12,01%	11,80%	11,59%	11,39%
	<b>44,80</b>	<b>13,73%</b>	<b>13,47%</b>	<b>13,23%</b>	<b>12,99%</b>	<b>12,75%</b>	<b>12,52%</b>	<b>12,30%</b>	<b>12,08%</b>	<b>11,87%</b>	<b>11,67%</b>	<b>11,47%</b>
	45,05	13,81%	13,55%	13,31%	13,06%	12,83%	<b>12,60%</b>	12,38%	12,16%	11,95%	11,74%	11,54%
	45,30	13,89%	13,64%	13,39%	13,14%	12,91%	<b>12,68%</b>	12,45%	12,24%	12,02%	11,82%	11,61%
	45,55	13,97%	13,72%	13,47%	13,22%	12,98%	<b>12,75%</b>	12,53%	12,31%	12,10%	11,89%	11,69%
	45,80	14,06%	13,80%	13,54%	13,30%	13,06%	<b>12,83%</b>	12,61%	12,39%	12,17%	11,96%	11,76%
	46,05	14,14%	13,88%	13,62%	13,38%	13,14%	<b>12,91%</b>	12,68%	12,46%	12,25%	12,04%	11,83%
46,30	14,22%	13,96%	13,70%	13,46%	13,22%	<b>12,98%</b>	12,76%	12,54%	12,32%	12,11%	11,91%	
46,55	14,30%	14,04%	13,78%	13,53%	13,29%	<b>13,06%</b>	12,83%	12,61%	12,40%	12,18%	11,98%	
46,80	14,38%	14,12%	13,86%	13,61%	13,37%	<b>13,14%</b>	12,91%	12,69%	12,47%	12,26%	12,05%	
47,05	14,46%	14,20%	13,94%	13,69%	13,45%	<b>13,21%</b>	12,98%	12,76%	12,54%	12,33%	12,12%	
47,30	14,54%	14,28%	14,02%	13,77%	13,53%	<b>13,29%</b>	13,06%	12,83%	12,62%	12,40%	12,20%	

### AA25 – Bonos de la Nación Argentina en U\$S 5.75% - VTO. 2025

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento		
				Monto	%					Renta	Amortización			
3.025,00	pesos	16,45%	4,07x	100,00	100,00%	0,73	100,73	67,03%	5,750%	18-oct-2019	2,88	18-abr-2023	33,00	18-abr-2025

Tipo de cambio simulado: 44,80

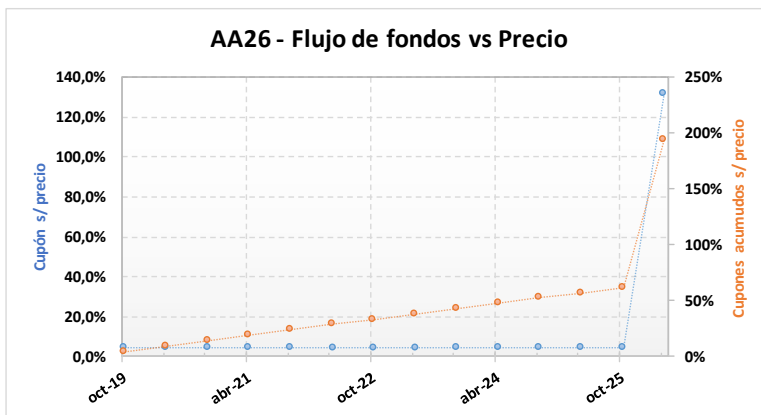


- AA25- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.775	2.825	2.875	2.925	2.975	3.025,00	3.075	3.125	3.175	3.225	3.275
TIPO DE CAMBIO SIMULADO	42,30	17,28%	16,76%	16,26%	15,77%	15,29%	14,83%	14,37%	13,92%	13,49%	13,06%	12,64%
	42,55	17,45%	16,93%	16,43%	15,94%	15,46%	14,99%	14,53%	14,09%	13,65%	13,22%	12,80%
	42,80	17,62%	17,10%	16,60%	16,11%	15,63%	15,16%	14,70%	14,25%	13,81%	13,38%	12,96%
	43,05	17,79%	17,27%	16,77%	16,27%	15,79%	15,32%	14,86%	14,41%	13,97%	13,54%	13,12%
	43,30	17,96%	17,44%	16,93%	16,44%	15,95%	15,48%	15,02%	14,57%	14,13%	13,70%	13,28%
	43,55	18,13%	17,61%	17,10%	16,60%	16,12%	15,65%	15,18%	14,73%	14,29%	13,86%	13,43%
	43,80	18,29%	17,77%	17,26%	16,77%	16,28%	15,81%	15,34%	14,89%	14,45%	14,02%	13,59%
	44,05	18,46%	17,94%	17,43%	16,93%	16,44%	15,97%	15,51%	15,05%	14,61%	14,17%	13,75%
	44,30	18,63%	18,10%	17,59%	17,09%	16,61%	16,13%	15,66%	15,21%	14,77%	14,33%	13,90%
	44,55	18,79%	18,27%	17,76%	17,26%	16,77%	16,29%	15,82%	15,37%	14,92%	14,49%	14,06%
	44,80	18,96%	18,43%	17,92%	17,42%	16,93%	16,45%	15,98%	15,53%	15,08%	14,64%	14,21%
	45,05	19,12%	18,60%	18,08%	17,58%	17,09%	16,61%	16,14%	15,68%	15,24%	14,80%	14,37%
	45,30	19,29%	18,76%	18,24%	17,74%	17,25%	16,77%	16,30%	15,84%	15,39%	14,95%	14,52%
	45,55	19,45%	18,92%	18,40%	17,90%	17,41%	16,93%	16,46%	16,00%	15,55%	15,11%	14,68%
	45,80	19,61%	19,08%	18,56%	18,06%	17,57%	17,08%	16,61%	16,15%	15,70%	15,26%	14,83%
46,05	19,78%	19,24%	18,72%	18,22%	17,72%	17,24%	16,77%	16,31%	15,86%	15,41%	14,98%	
46,30	19,94%	19,40%	18,88%	18,38%	17,88%	17,40%	16,92%	16,46%	16,01%	15,57%	15,13%	
46,55	20,10%	19,57%	19,04%	18,54%	18,04%	17,55%	17,08%	16,62%	16,16%	15,72%	15,28%	
46,80	20,26%	19,72%	19,20%	18,69%	18,20%	17,71%	17,23%	16,77%	16,32%	15,87%	15,44%	
47,05	20,42%	19,88%	19,36%	18,85%	18,35%	17,86%	17,39%	16,92%	16,47%	16,02%	15,59%	
47,30	20,58%	20,04%	19,52%	19,01%	18,51%	18,02%	17,54%	17,08%	16,62%	16,17%	15,74%	

### AA26 – Bono internacional de la Rep. Arg. en u\$s 7.5% - 2026

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
3.530,00	pesos	12,72%	5,23x	100,00	100,00%	0,88	100,88	78,11%	7,500%	22-oct-2019	3,75	22-abr-2026	100,00	22-abr-2026

Tipo de cambio simulado: **44,80**

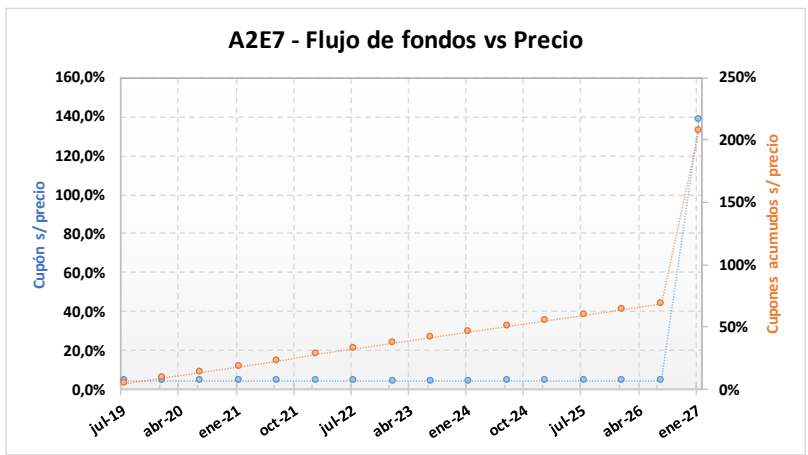


- AA26- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.405	3.430	3.455	3.480	3.505	3.530,00	3.555	3.580	3.605	3.630	3.655
TIPO DE CAMBIO SIMULADO	42,30	12,26%	12,11%	11,95%	11,80%	11,65%	<b>11,50%</b>	11,35%	11,20%	11,06%	10,91%	10,77%
	42,55	12,39%	12,23%	12,08%	11,92%	11,77%	<b>11,62%</b>	11,47%	11,33%	11,18%	11,04%	10,89%
	42,80	12,52%	12,36%	12,20%	12,05%	11,90%	<b>11,75%</b>	11,60%	11,45%	11,30%	11,16%	11,01%
	43,05	12,64%	12,48%	12,33%	12,17%	12,02%	<b>11,87%</b>	11,72%	11,57%	11,43%	11,28%	11,14%
	43,30	12,77%	12,61%	12,45%	12,30%	12,14%	<b>11,99%</b>	11,84%	11,69%	11,55%	11,40%	11,26%
	43,55	12,89%	12,73%	12,58%	12,42%	12,27%	<b>12,12%</b>	11,97%	11,82%	11,67%	11,52%	11,38%
	43,80	13,01%	12,86%	12,70%	12,54%	12,39%	<b>12,24%</b>	12,09%	11,94%	11,79%	11,64%	11,50%
	44,05	13,14%	12,98%	12,82%	12,67%	12,51%	<b>12,36%</b>	12,21%	12,06%	11,91%	11,76%	11,62%
	44,30	13,26%	13,10%	12,94%	12,79%	12,63%	<b>12,48%</b>	12,33%	12,18%	12,03%	11,88%	11,74%
	44,55	13,38%	13,22%	13,07%	12,91%	12,75%	<b>12,60%</b>	12,45%	12,30%	12,15%	12,00%	11,86%
	<b>44,80</b>	<b>13,50%</b>	<b>13,34%</b>	<b>13,19%</b>	<b>13,03%</b>	<b>12,88%</b>	<b>12,72%</b>	<b>12,57%</b>	<b>12,42%</b>	<b>12,27%</b>	<b>12,12%</b>	<b>11,98%</b>
	45,05	13,63%	13,47%	13,31%	13,15%	13,00%	<b>12,84%</b>	12,69%	12,54%	12,39%	12,24%	12,10%
	45,30	13,75%	13,59%	13,43%	13,27%	13,12%	<b>12,96%</b>	12,81%	12,66%	12,51%	12,36%	12,21%
	45,55	13,87%	13,71%	13,55%	13,39%	13,24%	<b>13,08%</b>	12,93%	12,78%	12,63%	12,48%	12,33%
	45,80	13,99%	13,83%	13,67%	13,51%	13,35%	<b>13,20%</b>	13,05%	12,90%	12,74%	12,60%	12,45%
	46,05	14,11%	13,95%	13,79%	13,63%	13,47%	<b>13,32%</b>	13,16%	13,01%	12,86%	12,71%	12,57%
	46,30	14,23%	14,07%	13,91%	13,75%	13,59%	<b>13,44%</b>	13,28%	13,13%	12,98%	12,83%	12,68%
	46,55	14,35%	14,19%	14,03%	13,87%	13,71%	<b>13,55%</b>	13,40%	13,25%	13,10%	12,95%	12,80%
46,80	14,47%	14,30%	14,14%	13,98%	13,83%	<b>13,67%</b>	13,52%	13,36%	13,21%	13,06%	12,91%	
47,05	14,59%	14,42%	14,26%	14,10%	13,94%	<b>13,79%</b>	13,63%	13,48%	13,33%	13,18%	13,03%	
47,30	14,70%	14,54%	14,38%	14,22%	14,06%	<b>13,90%</b>	13,75%	13,60%	13,44%	13,29%	13,14%	

### A2E7 – Bonar 2027 (Ley NY)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
<b>31-may-19</b>	pesos	13,00%	5,56x	100,00	100,00%	2,44	102,44	72,99%	6,875%	26-jul-2019	3,44	26-ene-2027	100,00	26-ene-2027

Tipo de cambio simulado: **44,80**

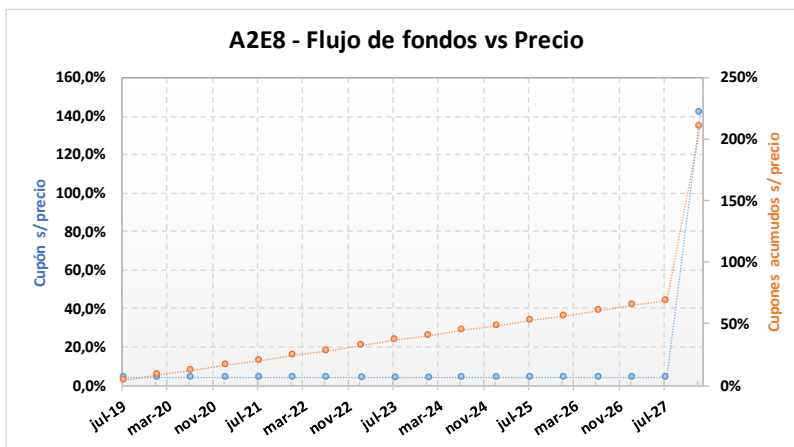


-A2E7- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.100	3.150	3.200	3.250	3.300	3.350,00	3.400	3.450	3.500	3.550	3.600
TIPO DE CAMBIO SIMULADO	42,30	13,41%	13,08%	12,77%	12,45%	12,15%	<b>11,85%</b>	11,56%	11,27%	10,99%	10,71%	10,44%
	42,55	13,53%	13,20%	12,88%	12,57%	12,27%	<b>11,97%</b>	11,67%	11,38%	11,10%	10,83%	10,55%
	42,80	13,65%	13,32%	13,00%	12,69%	12,38%	<b>12,08%</b>	11,79%	11,50%	11,22%	10,94%	10,67%
	43,05	13,77%	13,44%	13,12%	12,81%	12,50%	<b>12,20%</b>	11,90%	11,61%	11,33%	11,05%	10,78%
	43,30	13,89%	13,56%	13,24%	12,92%	12,62%	<b>12,31%</b>	12,02%	11,73%	11,44%	11,17%	10,89%
	43,55	14,01%	13,68%	13,36%	13,04%	12,73%	<b>12,43%</b>	12,13%	11,84%	11,56%	11,28%	11,01%
	43,80	14,13%	13,80%	13,47%	13,16%	12,85%	<b>12,54%</b>	12,25%	11,96%	11,67%	11,39%	11,12%
	44,05	14,25%	13,92%	13,59%	13,27%	12,96%	<b>12,66%</b>	12,36%	12,07%	11,78%	11,50%	11,23%
	44,30	14,37%	14,03%	13,71%	13,39%	13,08%	<b>12,77%</b>	12,47%	12,18%	11,90%	11,61%	11,34%
	44,55	14,48%	14,15%	13,82%	13,51%	13,19%	<b>12,89%</b>	12,59%	12,29%	12,01%	11,73%	11,45%
	<b>44,80</b>	<b>14,60%</b>	<b>14,27%</b>	<b>13,94%</b>	<b>13,62%</b>	<b>13,31%</b>	<b>13,00%</b>	<b>12,70%</b>	<b>12,41%</b>	<b>12,12%</b>	<b>11,84%</b>	<b>11,56%</b>
	45,05	14,72%	14,38%	14,06%	13,73%	13,42%	<b>13,11%</b>	12,81%	12,52%	12,23%	11,95%	11,67%
	45,30	14,84%	14,50%	14,17%	13,85%	13,53%	<b>13,23%</b>	12,93%	12,63%	12,34%	12,06%	11,78%
	45,55	14,95%	14,61%	14,28%	13,96%	13,65%	<b>13,34%</b>	13,04%	12,74%	12,45%	12,17%	11,89%
	45,80	15,07%	14,73%	14,40%	14,08%	13,76%	<b>13,45%</b>	13,15%	12,85%	12,56%	12,28%	12,00%
	46,05	15,18%	14,84%	14,51%	14,19%	13,87%	<b>13,56%</b>	13,26%	12,96%	12,67%	12,39%	12,11%
	46,30	15,30%	14,96%	14,63%	14,30%	13,98%	<b>13,67%</b>	13,37%	13,07%	12,78%	12,49%	12,21%
	46,55	15,41%	15,07%	14,74%	14,41%	14,10%	<b>13,79%</b>	13,48%	13,18%	12,89%	12,60%	12,32%
	46,80	15,53%	15,19%	14,85%	14,53%	14,21%	<b>13,90%</b>	13,59%	13,29%	13,00%	12,71%	12,43%
	47,05	15,64%	15,30%	14,97%	14,64%	14,32%	<b>14,01%</b>	13,70%	13,40%	13,11%	12,82%	12,54%
47,30	15,75%	15,41%	15,08%	14,75%	14,43%	<b>14,12%</b>	13,81%	13,51%	13,21%	12,93%	12,64%	

### A2E8 – Bonar 2028 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento		
				Monto	%					Renta	Amortización			
31-may-19	pesos	11,71%	6,27x	100,00	100,00%	2,33	102,33	70,89%	5,875%	11-jul-2019	2,94	11-ene-2028	100,00	11-ene-2028

Tipo de cambio simulado: **44,80**



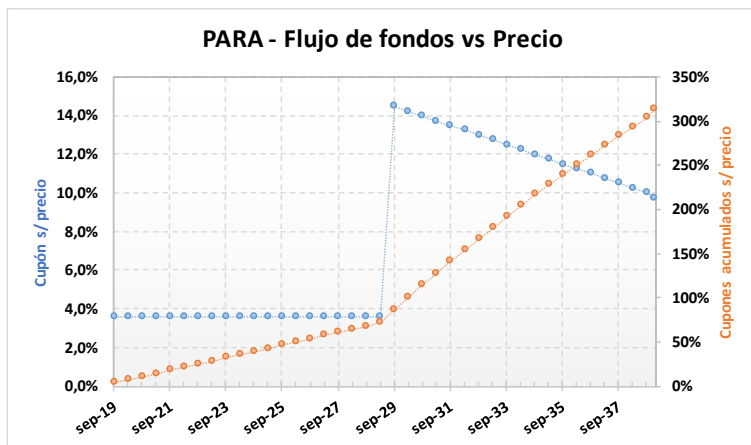
-A2E8- SENSIBILIDAD DE LA TIR	PRECIO EN PESOS SIMULADO										
	3.000	3.050	3.100	3.150	3.200	3.250,00	3.300	3.350	3.400	3.450	3.500
42,30	12,11%	11,82%	11,53%	11,25%	10,97%	<b>10,70%</b>	10,43%	10,17%	9,92%	9,67%	9,42%
42,55	12,22%	11,92%	11,63%	11,35%	11,07%	<b>10,80%</b>	10,53%	10,27%	10,02%	9,77%	9,52%
42,80	12,33%	12,03%	11,74%	11,45%	11,17%	<b>10,90%</b>	10,64%	10,38%	10,12%	9,87%	9,62%
43,05	12,43%	12,13%	11,84%	11,56%	11,28%	<b>11,00%</b>	10,74%	10,48%	10,22%	9,97%	9,72%
43,30	12,54%	12,24%	11,94%	11,66%	11,38%	<b>11,11%</b>	10,84%	10,58%	10,32%	10,07%	9,82%
43,55	12,64%	12,34%	12,05%	11,76%	11,48%	<b>11,21%</b>	10,94%	10,68%	10,42%	10,17%	9,92%
43,80	12,74%	12,44%	12,15%	11,86%	11,58%	<b>11,31%</b>	11,04%	10,78%	10,52%	10,27%	10,02%
44,05	12,85%	12,55%	12,25%	11,97%	11,68%	<b>11,41%</b>	11,14%	10,88%	10,62%	10,36%	10,12%
44,30	12,95%	12,65%	12,35%	12,07%	11,79%	<b>11,51%</b>	11,24%	10,98%	10,72%	10,46%	10,21%
44,55	13,05%	12,75%	12,46%	12,17%	11,89%	<b>11,61%</b>	11,34%	11,07%	10,81%	10,56%	10,31%
44,80	<b>13,16%</b>	<b>12,85%</b>	<b>12,56%</b>	<b>12,27%</b>	<b>11,99%</b>	<b>11,71%</b>	<b>11,44%</b>	<b>11,17%</b>	<b>10,91%</b>	<b>10,66%</b>	<b>10,41%</b>
45,05	13,26%	12,96%	12,66%	12,37%	12,09%	<b>11,81%</b>	11,54%	11,27%	11,01%	10,75%	10,50%
45,30	13,36%	13,06%	12,76%	12,47%	12,18%	<b>11,91%</b>	11,63%	11,37%	11,11%	10,85%	10,60%
45,55	13,46%	13,16%	12,86%	12,57%	12,28%	<b>12,01%</b>	11,73%	11,47%	11,20%	10,95%	10,70%
45,80	13,57%	13,26%	12,96%	12,67%	12,38%	<b>12,10%</b>	11,83%	11,56%	11,30%	11,04%	10,79%
46,05	13,67%	13,36%	13,06%	12,77%	12,48%	<b>12,20%</b>	11,93%	11,66%	11,40%	11,14%	10,89%
46,30	13,77%	13,46%	13,16%	12,87%	12,58%	<b>12,30%</b>	12,02%	11,76%	11,49%	11,23%	10,98%
46,55	13,87%	13,56%	13,26%	12,97%	12,68%	<b>12,40%</b>	12,12%	11,85%	11,59%	11,33%	11,08%
46,80	13,97%	13,66%	13,36%	13,06%	12,78%	<b>12,49%</b>	12,22%	11,95%	11,68%	11,42%	11,17%
47,05	14,07%	13,76%	13,46%	13,16%	12,87%	<b>12,59%</b>	12,31%	12,04%	11,78%	11,52%	11,26%
47,30	14,17%	13,86%	13,55%	13,26%	12,97%	<b>12,69%</b>	12,41%	12,14%	11,87%	11,61%	11,36%

TIPO DE CAMBIO SIMULADO

### PARA – Bono Par en dólares (ley argentina)

Precio del 31-may-19	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento		
				Monto	%					Renta	Amortización			
2.360,00	pesos	10,79%	9,65x	100,00	100,00%	0,67	100,67	52,33%	3,750%	30-sep-2019	1,88	30-sep-2029	5,00	31-dic-2038

Tipo de cambio simulado: 44,80

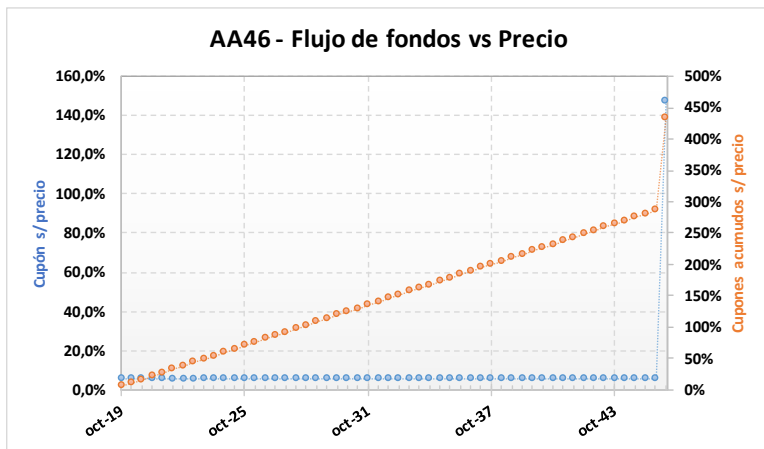


- PARA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.235	2.260	2.285	2.310	2.335	2.360,00	2.385	2.410	2.435	2.460	2.485
TIPO DE CAMBIO SIMULADO	42,30	10,75%	10,63%	10,50%	10,38%	10,26%	<b>10,14%</b>	10,02%	9,90%	9,79%	9,68%	9,56%
	42,55	10,82%	10,69%	10,57%	10,44%	10,32%	<b>10,20%</b>	10,08%	9,97%	9,85%	9,74%	9,63%
	42,80	10,89%	10,76%	10,64%	10,51%	10,39%	<b>10,27%</b>	10,15%	10,03%	9,92%	9,81%	9,69%
	43,05	10,96%	10,83%	10,70%	10,58%	10,46%	<b>10,33%</b>	10,22%	10,10%	9,98%	9,87%	9,76%
	43,30	11,02%	10,89%	10,77%	10,64%	10,52%	<b>10,40%</b>	10,28%	10,16%	10,05%	9,93%	9,82%
	43,55	11,09%	10,96%	10,83%	10,71%	10,59%	<b>10,47%</b>	10,35%	10,23%	10,11%	10,00%	9,89%
	43,80	11,16%	11,03%	10,90%	10,78%	10,65%	<b>10,53%</b>	10,41%	10,29%	10,18%	10,06%	9,95%
	44,05	11,22%	11,09%	10,97%	10,84%	10,72%	<b>10,60%</b>	10,48%	10,36%	10,24%	10,13%	10,01%
	44,30	11,29%	11,16%	11,03%	10,91%	10,78%	<b>10,66%</b>	10,54%	10,42%	10,30%	10,19%	10,08%
	44,55	11,36%	11,22%	11,10%	10,97%	10,85%	<b>10,72%</b>	10,60%	10,49%	10,37%	10,25%	10,14%
	44,80	<b>11,42%</b>	<b>11,29%</b>	<b>11,16%</b>	<b>11,04%</b>	<b>10,91%</b>	<b>10,79%</b>	<b>10,67%</b>	<b>10,55%</b>	<b>10,43%</b>	<b>10,32%</b>	<b>10,20%</b>
	45,05	11,49%	11,36%	11,23%	11,10%	10,98%	<b>10,85%</b>	10,73%	10,61%	10,49%	10,38%	10,26%
	45,30	11,55%	11,42%	11,29%	11,16%	11,04%	<b>10,92%</b>	10,79%	10,68%	10,56%	10,44%	10,33%
	45,55	11,62%	11,49%	11,36%	11,23%	11,10%	<b>10,98%</b>	10,86%	10,74%	10,62%	10,50%	10,39%
	45,80	11,68%	11,55%	11,42%	11,29%	11,17%	<b>11,04%</b>	10,92%	10,80%	10,68%	10,57%	10,45%
	46,05	11,75%	11,61%	11,48%	11,36%	11,23%	<b>11,11%</b>	10,98%	10,86%	10,75%	10,63%	10,51%
46,30	11,81%	11,68%	11,55%	11,42%	11,29%	<b>11,17%</b>	11,05%	10,93%	10,81%	10,69%	10,57%	
46,55	11,88%	11,74%	11,61%	11,48%	11,36%	<b>11,23%</b>	11,11%	10,99%	10,87%	10,75%	10,64%	
46,80	11,94%	11,81%	11,68%	11,55%	11,42%	<b>11,29%</b>	11,17%	11,05%	10,93%	10,81%	10,70%	
47,05	12,00%	11,87%	11,74%	11,61%	11,48%	<b>11,36%</b>	11,23%	11,11%	10,99%	10,87%	10,76%	
47,30	12,07%	11,93%	11,80%	11,67%	11,55%	<b>11,42%</b>	11,30%	11,17%	11,05%	10,94%	10,82%	

### AA46 – Bono internacional de la Rep. Arg. en u\$s 7.625% - 2046

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta	Amortización			
3.162,88	pesos	11,51%	9,25x	100,00	100,00%	0,89	100,89	69,98%	7,625%	22-oct-2019	3,81	22-abr-2046	100,00	22-abr-2046

Tipo de cambio simulado: **44,80**



- AA46- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.910	2.960	3.010	3.060	3.110	3.162,88	3.210	3.260	3.310	3.360	3.410
TIPO DE CAMBIO SIMULADO	42,30	11,83%	11,62%	11,42%	11,22%	11,03%	<b>10,84%</b>	10,67%	10,50%	10,33%	10,16%	10,00%
	42,55	11,90%	11,69%	11,49%	11,29%	11,10%	<b>10,91%</b>	10,74%	10,56%	10,39%	10,23%	10,06%
	42,80	11,98%	11,77%	11,56%	11,36%	11,17%	<b>10,97%</b>	10,80%	10,63%	10,46%	10,29%	10,13%
	43,05	12,05%	11,84%	11,63%	11,43%	11,24%	<b>11,04%</b>	10,87%	10,69%	10,52%	10,35%	10,19%
	43,30	12,12%	11,91%	11,70%	11,50%	11,31%	<b>11,11%</b>	10,94%	10,76%	10,59%	10,42%	10,26%
	43,55	12,19%	11,98%	11,77%	11,57%	11,38%	<b>11,18%</b>	11,00%	10,83%	10,65%	10,48%	10,32%
	43,80	12,27%	12,05%	11,84%	11,64%	11,45%	<b>11,24%</b>	11,07%	10,89%	10,72%	10,55%	10,38%
	44,05	12,34%	12,12%	11,91%	11,71%	11,51%	<b>11,31%</b>	11,14%	10,96%	10,78%	10,61%	10,45%
	44,30	12,41%	12,19%	11,98%	11,78%	11,58%	<b>11,38%</b>	11,20%	11,02%	10,85%	10,68%	10,51%
	44,55	12,48%	12,27%	12,05%	11,85%	11,65%	<b>11,45%</b>	11,27%	11,09%	10,91%	10,74%	10,57%
	44,80	<b>12,56%</b>	<b>12,34%</b>	<b>12,12%</b>	<b>11,92%</b>	<b>11,72%</b>	<b>11,51%</b>	<b>11,34%</b>	<b>11,15%</b>	<b>10,98%</b>	<b>10,80%</b>	<b>10,64%</b>
	45,05	12,63%	12,41%	12,19%	11,99%	11,79%	<b>11,58%</b>	11,40%	11,22%	11,04%	10,87%	10,70%
	45,30	12,70%	12,48%	12,26%	12,06%	11,86%	<b>11,65%</b>	11,47%	11,29%	11,11%	10,93%	10,76%
	45,55	12,77%	12,55%	12,33%	12,13%	11,92%	<b>11,72%</b>	11,54%	11,35%	11,17%	11,00%	10,82%
	45,80	12,84%	12,62%	12,40%	12,19%	11,99%	<b>11,78%</b>	11,60%	11,42%	11,24%	11,06%	10,89%
	46,05	12,92%	12,69%	12,47%	12,26%	12,06%	<b>11,85%</b>	11,67%	11,48%	11,30%	11,12%	10,95%
	46,30	12,99%	12,76%	12,54%	12,33%	12,13%	<b>11,92%</b>	11,73%	11,55%	11,36%	11,19%	11,01%
46,55	13,06%	12,83%	12,61%	12,40%	12,20%	<b>11,98%</b>	11,80%	11,61%	11,43%	11,25%	11,08%	
46,80	13,13%	12,91%	12,68%	12,47%	12,26%	<b>12,05%</b>	11,87%	11,68%	11,49%	11,31%	11,14%	
47,05	13,21%	12,98%	12,75%	12,54%	12,33%	<b>12,12%</b>	11,93%	11,74%	11,56%	11,38%	11,20%	
47,30	13,28%	13,05%	12,82%	12,61%	12,40%	<b>12,18%</b>	12,00%	11,81%	11,62%	11,44%	11,26%	

### AC17 – Bonar 2117 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta		Amortización		
31-may-19	pesos	10,62%	9,73x	100,00	100,00%	3,09	103,09	69,72%	7,125%	28-jun-2019	3,56	28-jun-2117	100,00	28-jun-2117

Tipo de cambio simulado: **44,80**

- AC17- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.170	3.180	3.190	3.200	3.210	3.220,00	3.230	3.240	3.250	3.260	3.270
TIPO DE CAMBIO SIMULADO	42,30	10,15%	10,12%	10,08%	10,05%	10,02%	<b>9,98%</b>	9,95%	9,92%	9,89%	9,85%	9,82%
	42,55	10,22%	10,18%	10,15%	10,11%	10,08%	<b>10,05%</b>	10,01%	9,98%	9,95%	9,92%	9,88%
	42,80	10,28%	10,25%	10,21%	10,18%	10,14%	<b>10,11%</b>	10,08%	10,04%	10,01%	9,98%	9,95%
	43,05	10,35%	10,31%	10,28%	10,24%	10,21%	<b>10,17%</b>	10,14%	10,11%	10,07%	10,04%	10,01%
	43,30	10,41%	10,37%	10,34%	10,31%	10,27%	<b>10,24%</b>	10,20%	10,17%	10,14%	10,10%	10,07%
	43,55	10,47%	10,44%	10,40%	10,37%	10,33%	<b>10,30%</b>	10,27%	10,23%	10,20%	10,17%	10,13%
	43,80	10,54%	10,50%	10,47%	10,43%	10,40%	<b>10,36%</b>	10,33%	10,29%	10,26%	10,23%	10,19%
	44,05	10,60%	10,57%	10,53%	10,50%	10,46%	<b>10,43%</b>	10,39%	10,36%	10,32%	10,29%	10,26%
	44,30	10,67%	10,63%	10,60%	10,56%	10,52%	<b>10,49%</b>	10,46%	10,42%	10,39%	10,35%	10,32%
	44,55	10,73%	10,70%	10,66%	10,62%	10,59%	<b>10,55%</b>	10,52%	10,48%	10,45%	10,41%	10,38%
	44,80	<b>10,80%</b>	<b>10,76%</b>	<b>10,72%</b>	<b>10,69%</b>	<b>10,65%</b>	<b>10,62%</b>	<b>10,58%</b>	<b>10,55%</b>	<b>10,51%</b>	<b>10,48%</b>	<b>10,44%</b>
	45,05	10,86%	10,82%	10,79%	10,75%	10,72%	<b>10,68%</b>	10,64%	10,61%	10,57%	10,54%	10,51%
	45,30	10,93%	10,89%	10,85%	10,82%	10,78%	<b>10,74%</b>	10,71%	10,67%	10,64%	10,60%	10,57%
	45,55	10,99%	10,95%	10,92%	10,88%	10,84%	<b>10,81%</b>	10,77%	10,74%	10,70%	10,67%	10,63%
	45,80	11,05%	11,02%	10,98%	10,94%	10,91%	<b>10,87%</b>	10,83%	10,80%	10,76%	10,73%	10,69%
	46,05	11,12%	11,08%	11,04%	11,01%	10,97%	<b>10,93%</b>	10,90%	10,86%	10,83%	10,79%	10,76%
46,30	11,18%	11,15%	11,11%	11,07%	11,03%	<b>11,00%</b>	10,96%	10,93%	10,89%	10,85%	10,82%	
46,55	11,25%	11,21%	11,17%	11,14%	11,10%	<b>11,06%</b>	11,03%	10,99%	10,95%	10,92%	10,88%	
46,80	11,31%	11,28%	11,24%	11,20%	11,16%	<b>11,13%</b>	11,09%	11,05%	11,02%	10,98%	10,94%	
47,05	11,38%	11,34%	11,30%	11,26%	11,23%	<b>11,19%</b>	11,15%	11,12%	11,08%	11,04%	11,01%	
47,30	11,44%	11,41%	11,37%	11,33%	11,29%	<b>11,25%</b>	11,22%	11,18%	11,14%	11,11%	11,07%	

