

## PRECIOS EN PESOS

Precios del 18-oct-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>

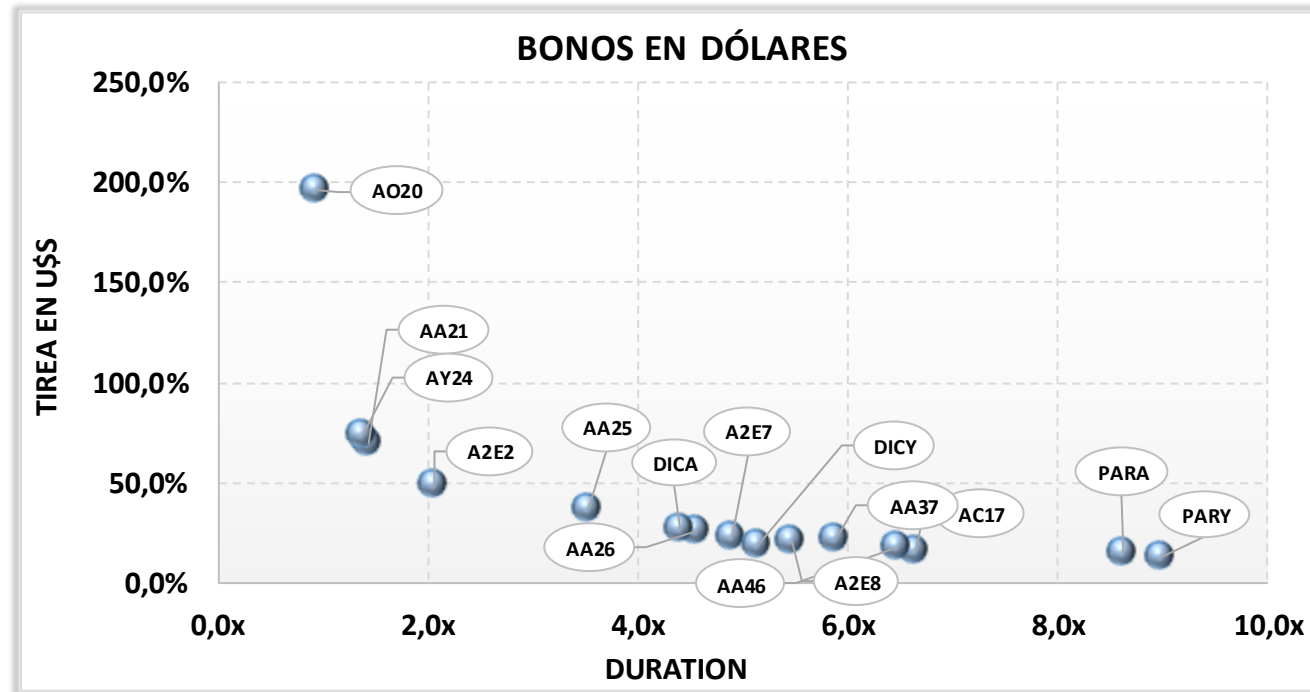
A020	2.780,00	pesos	138,11%	0,9x	100,00	100,00%	0,31	100,31	47,58%	8,000%	8-abr-2020	4,00	8-oct-2020	100,00	8-oct-2020
AA21	2.994,05	pesos	69,74%	1,4x	100,00	100,00%	0,00	100,00	51,40%	6,875%	22-abr-2020	3,44	22-abr-2021	100,00	22-abr-2021
AY24	2.710,00	pesos	52,13%	1,6x	83,34	83,34%	3,34	86,68	53,67%	8,750%	7-nov-2019	3,65	7-may-2020	16,66	7-may-2024
A2E2	3.540,00	pesos	34,72%	2,1x	100,00	100,00%	1,34	101,34	59,97%	5,625%	26-ene-2020	2,81	26-ene-2022	100,00	26-ene-2022
AA25	2.700,00	pesos	29,35%	3,6x	100,00	100,00%	0,06	100,06	46,32%	5,750%	18-abr-2020	2,88	18-abr-2023	33,00	18-abr-2025
AA26	2.679,50	pesos	26,02%	4,5x	100,00	100,00%	0,00	100,00	46,00%	7,500%	22-abr-2020	3,75	22-abr-2026	100,00	22-abr-2026
A2E7	3.361,50	pesos	18,70%	5,1x	100,00	100,00%	1,64	101,64	56,78%	6,875%	26-ene-2020	3,44	26-ene-2027	100,00	26-ene-2027
A2E8	2.850,00	pesos	19,50%	5,6x	100,00	100,00%	1,65	101,65	48,13%	5,875%	11-ene-2020	2,94	11-ene-2028	100,00	11-ene-2028
DICA	4.377,00	pesos	21,68%	4,9x	140,20	100,00%	3,61	143,82	52,25%	8,280%	31-dic-2019	5,80	30-jun-2024	7,01	31-dic-2033
DICY	5.900,00	pesos	14,95%	5,6x	140,20	100,00%	3,61	143,82	70,43%	8,280%	31-dic-2019	5,80	30-jun-2024	7,01	31-dic-2033
AA37	2.845,00	pesos	17,66%	6,8x	100,00	100,00%	0,08	100,08	48,80%	7,625%	18-abr-2020	3,81	18-abr-2035	33,00	18-abr-2037
PARA	2.820,00	pesos	11,83%	9,3x	100,00	100,00%	0,23	100,23	48,30%	3,750%	31-mar-2020	1,88	30-sep-2029	5,00	31-dic-2038
AA46	2.583,39	pesos	18,20%	6,5x	100,00	100,00%	0,00	100,00	44,35%	7,625%	22-abr-2020	3,81	22-abr-2046	100,00	22-abr-2046
AC17	3.465,00	pesos	12,82%	8,2x	100,00	100,00%	2,26	102,26	58,17%	7,125%	28-dic-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 22.10.2019

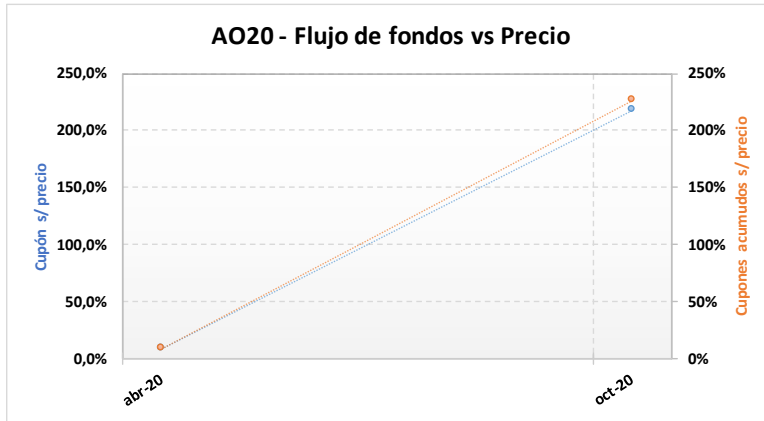
(a) Tipo de cambio BNA Prom. C/V: **\$/u\$s 58,25** La TIR está expresada en u\$s.



### AO20 – Bonar 2020

Precio del 18-oct-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			
2.780,00	pesos	138,11%	0,94x	100,00	100,00%	0,31	100,31	47,58%	8,000%	8-abr-2020	4,00	8-oct-2020	100,00	8-oct-2020

Tipo de cambio simulado: **58,25**

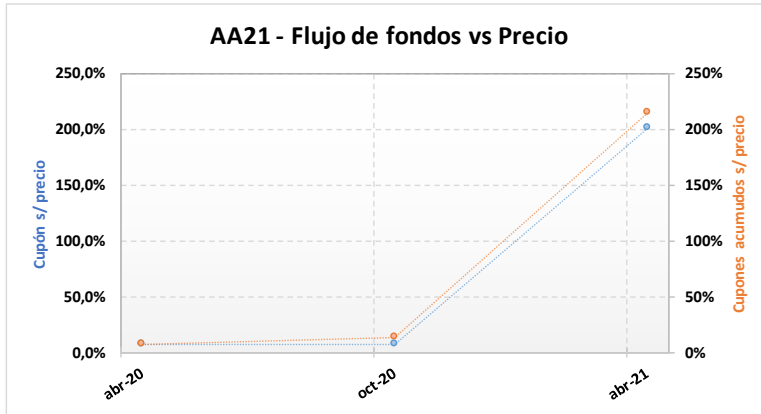


- AO20 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.705	2.720	2.735	2.750	2.765	2.780,00	2.795	2.810	2.825	2.840	2.855
TIPO DE CAMBIO SIMULADO	55,75	133,94%	132,57%	131,20%	129,86%	128,53%	<b>127,21%</b>	125,91%	124,62%	123,35%	122,09%	120,85%
	56,00	135,06%	133,68%	132,31%	130,96%	129,62%	<b>128,30%</b>	126,99%	125,70%	124,42%	123,16%	121,90%
	56,25	136,18%	134,79%	133,42%	132,06%	130,72%	<b>129,39%</b>	128,07%	126,77%	125,49%	124,22%	122,96%
	56,50	137,31%	135,91%	134,53%	133,16%	131,81%	<b>130,48%</b>	129,16%	127,85%	126,56%	125,28%	124,02%
	56,75	138,43%	137,02%	135,64%	134,26%	132,91%	<b>131,56%</b>	130,24%	128,93%	127,63%	126,35%	125,08%
	57,00	139,55%	138,14%	136,74%	135,37%	134,00%	<b>132,65%</b>	131,32%	130,00%	128,70%	127,41%	126,14%
	57,25	140,67%	139,25%	137,85%	136,47%	135,10%	<b>133,74%</b>	132,40%	131,08%	129,77%	128,48%	127,19%
	57,50	141,79%	140,37%	138,96%	137,57%	136,19%	<b>134,83%</b>	133,49%	132,16%	130,84%	129,54%	128,25%
	57,75	142,92%	141,49%	140,07%	138,67%	137,29%	<b>135,92%</b>	134,57%	133,24%	131,91%	130,61%	129,31%
	58,00	144,04%	142,60%	141,18%	139,78%	138,39%	<b>137,02%</b>	135,66%	134,31%	132,99%	131,67%	130,37%
	58,25	<b>145,17%</b>	<b>143,72%</b>	<b>142,29%</b>	<b>140,88%</b>	<b>139,49%</b>	<b>138,11%</b>	<b>136,74%</b>	<b>135,39%</b>	<b>134,06%</b>	<b>132,74%</b>	<b>131,43%</b>
	58,50	146,29%	144,84%	143,41%	141,99%	140,58%	<b>139,20%</b>	137,83%	136,47%	135,13%	133,81%	132,49%
	58,75	147,42%	145,96%	144,52%	143,09%	141,68%	<b>140,29%</b>	138,91%	137,55%	136,20%	134,87%	133,55%
	59,00	148,54%	147,08%	145,63%	144,20%	142,78%	<b>141,38%</b>	140,00%	138,63%	137,28%	135,94%	134,62%
	59,25	149,67%	148,20%	146,74%	145,30%	143,88%	<b>142,48%</b>	141,09%	139,71%	138,35%	137,01%	135,68%
	59,50	150,79%	149,31%	147,85%	146,41%	144,98%	<b>143,57%</b>	142,17%	140,79%	139,43%	138,08%	136,74%
	59,75	151,92%	150,43%	148,97%	147,52%	146,08%	<b>144,66%</b>	143,26%	141,87%	140,50%	139,14%	137,80%
60,00	153,05%	151,55%	150,08%	148,62%	147,18%	<b>145,76%</b>	144,35%	142,95%	141,58%	140,21%	138,87%	
60,25	154,17%	152,68%	151,19%	149,73%	148,28%	<b>146,85%</b>	145,44%	144,04%	142,65%	141,28%	139,93%	
60,50	155,30%	153,80%	152,31%	150,84%	149,38%	<b>147,95%</b>	146,52%	145,12%	143,73%	142,35%	140,99%	
60,75	156,43%	154,92%	153,42%	151,95%	150,49%	<b>149,04%</b>	147,61%	146,20%	144,80%	143,42%	142,06%	

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

Precio del 18-oct-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		
2.994,05	pesos	69,74%	1,43x	100,00	100,00%	0,00	100,00	51,40%	6,875%	22-abr-2020	3,44	22-abr-2021	100,00	22-abr-2021

Tipo de cambio simulado: **58,25**

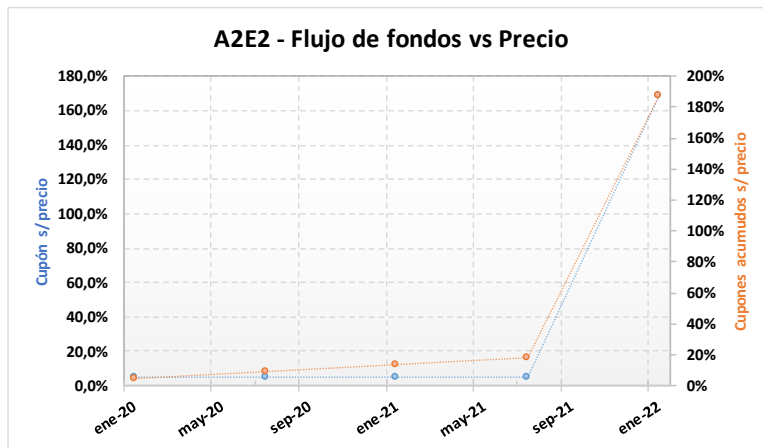


- AA21- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.920	2.935	2.950	2.965	2.980	2.994,05	3.010	3.025	3.040	3.055	3.070
TIPO DE CAMBIO SIMULADO	55,75	67,52%	66,92%	66,33%	65,74%	65,16%	<b>64,61%</b>	64,00%	63,44%	62,87%	62,31%	61,76%
	56,00	68,04%	67,44%	66,85%	66,26%	65,67%	<b>65,13%</b>	64,52%	63,95%	63,38%	62,82%	62,27%
	56,25	68,57%	67,96%	67,37%	66,78%	66,19%	<b>65,64%</b>	65,03%	64,46%	63,89%	63,33%	62,77%
	56,50	69,09%	68,49%	67,89%	67,29%	66,70%	<b>66,16%</b>	65,54%	64,97%	64,40%	63,84%	63,28%
	56,75	69,61%	69,01%	68,41%	67,81%	67,22%	<b>66,67%</b>	66,05%	65,48%	64,91%	64,34%	63,78%
	57,00	70,13%	69,53%	68,92%	68,33%	67,73%	<b>67,18%</b>	66,56%	65,99%	65,41%	64,85%	64,28%
	57,25	70,66%	70,05%	69,44%	68,84%	68,25%	<b>67,69%</b>	67,07%	66,49%	65,92%	65,35%	64,79%
	57,50	71,18%	70,56%	69,96%	69,36%	68,76%	<b>68,21%</b>	67,58%	67,00%	66,43%	65,85%	65,29%
	57,75	71,70%	71,08%	70,47%	69,87%	69,27%	<b>68,72%</b>	68,09%	67,51%	66,93%	66,36%	65,79%
	58,00	72,22%	71,60%	70,99%	70,38%	69,78%	<b>69,23%</b>	68,60%	68,02%	67,44%	66,86%	66,29%
	<b>58,25</b>	<b>72,74%</b>	<b>72,12%</b>	<b>71,50%</b>	<b>70,90%</b>	<b>70,30%</b>	<b>69,74%</b>	<b>69,11%</b>	<b>68,52%</b>	<b>67,94%</b>	<b>67,36%</b>	<b>66,79%</b>
	58,50	73,25%	72,63%	72,02%	71,41%	70,81%	<b>70,25%</b>	69,61%	69,03%	68,44%	67,86%	67,29%
	58,75	73,77%	73,15%	72,53%	71,92%	71,32%	<b>70,75%</b>	70,12%	69,53%	68,95%	68,37%	67,79%
	59,00	74,29%	73,66%	73,05%	72,43%	71,83%	<b>71,26%</b>	70,63%	70,03%	69,45%	68,87%	68,29%
	59,25	74,81%	74,18%	73,56%	72,94%	72,34%	<b>71,77%</b>	71,13%	70,54%	69,95%	69,37%	68,79%
	59,50	75,32%	74,69%	74,07%	73,45%	72,84%	<b>72,28%</b>	71,64%	71,04%	70,45%	69,86%	69,28%
	59,75	75,84%	75,21%	74,58%	73,96%	73,35%	<b>72,78%</b>	72,14%	71,54%	70,95%	70,36%	69,78%
60,00	76,35%	75,72%	75,09%	74,47%	73,86%	<b>73,29%</b>	72,64%	72,04%	71,45%	70,86%	70,28%	
60,25	76,87%	76,23%	75,60%	74,98%	74,37%	<b>73,79%</b>	73,15%	72,55%	71,95%	71,36%	70,77%	
60,50	77,38%	76,74%	76,11%	75,49%	74,87%	<b>74,30%</b>	73,65%	73,05%	72,45%	71,86%	71,27%	
60,75	77,89%	77,25%	76,62%	76,00%	75,38%	<b>74,80%</b>	74,15%	73,55%	72,95%	72,35%	71,76%	

### A2E2 – Bonar 2022 (Ley NY)

Precio del 18-oct-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			
3.540,00	pesos	34,72%	2,08x	100,00	100,00%	1,34	101,34	59,97%	5,625%	26-ene-2020	2,81	26-ene-2022	100,00	26-ene-2022

Tipo de cambio simulado: **58,25**

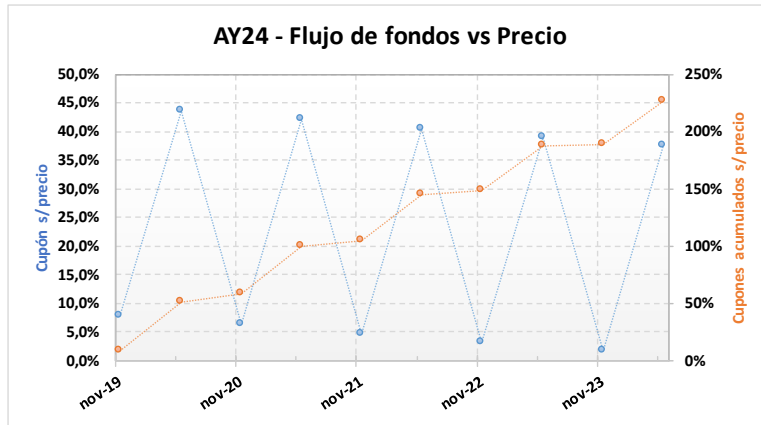


-A2E2- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.290	3.340	3.390	3.440	3.490	3.540,00	3.590	3.640	3.690	3.740	3.790
TIPO DE CAMBIO SIMULADO	55,75	36,63%	35,65%	34,68%	33,73%	32,81%	<b>31,91%</b>	31,02%	30,16%	29,31%	28,48%	27,67%
	56,00	36,93%	35,94%	34,97%	34,02%	33,10%	<b>32,19%</b>	31,30%	30,44%	29,59%	28,75%	27,94%
	56,25	37,22%	36,23%	35,26%	34,31%	33,38%	<b>32,47%</b>	31,58%	30,71%	29,86%	29,03%	28,21%
	56,50	37,52%	36,52%	35,55%	34,60%	33,67%	<b>32,76%</b>	31,86%	30,99%	30,14%	29,30%	28,48%
	56,75	37,81%	36,81%	35,84%	34,88%	33,95%	<b>33,04%</b>	32,14%	31,27%	30,41%	29,58%	28,76%
	57,00	38,10%	37,10%	36,12%	35,17%	34,23%	<b>33,32%</b>	32,42%	31,55%	30,69%	29,85%	29,03%
	57,25	38,39%	37,39%	36,41%	35,45%	34,52%	<b>33,60%</b>	32,70%	31,82%	30,96%	30,12%	29,30%
	57,50	38,69%	37,68%	36,70%	35,74%	34,80%	<b>33,88%</b>	32,98%	32,10%	31,24%	30,39%	29,57%
	57,75	38,98%	37,97%	36,98%	36,02%	35,08%	<b>34,16%</b>	33,26%	32,38%	31,51%	30,67%	29,84%
	58,00	39,27%	38,26%	37,27%	36,30%	35,36%	<b>34,44%</b>	33,53%	32,65%	31,78%	30,94%	30,11%
	<b>58,25</b>	<b>39,56%</b>	<b>38,54%</b>	<b>37,55%</b>	<b>36,59%</b>	<b>35,64%</b>	<b>34,72%</b>	<b>33,81%</b>	<b>32,92%</b>	<b>32,06%</b>	<b>31,21%</b>	<b>30,37%</b>
	58,50	39,85%	38,83%	37,84%	36,87%	35,92%	<b>34,99%</b>	34,09%	33,20%	32,33%	31,48%	30,64%
	58,75	40,13%	39,12%	38,12%	37,15%	36,20%	<b>35,27%</b>	34,36%	33,47%	32,60%	31,75%	30,91%
	59,00	40,42%	39,40%	38,41%	37,43%	36,48%	<b>35,55%</b>	34,64%	33,74%	32,87%	32,01%	31,18%
	59,25	40,71%	39,69%	38,69%	37,71%	36,76%	<b>35,82%</b>	34,91%	34,02%	33,14%	32,28%	31,44%
	59,50	41,00%	39,97%	38,97%	37,99%	37,04%	<b>36,10%</b>	35,18%	34,29%	33,41%	32,55%	31,71%
59,75	41,28%	40,26%	39,25%	38,27%	37,31%	<b>36,37%</b>	35,46%	34,56%	33,68%	32,82%	31,97%	
60,00	41,57%	40,54%	39,53%	38,55%	37,59%	<b>36,65%</b>	35,73%	34,83%	33,95%	33,08%	32,24%	
60,25	41,85%	40,82%	39,81%	38,83%	37,87%	<b>36,92%</b>	36,00%	35,10%	34,21%	33,35%	32,50%	
60,50	42,14%	41,10%	40,09%	39,11%	38,14%	<b>37,20%</b>	36,27%	35,37%	34,48%	33,62%	32,77%	
60,75	42,42%	41,39%	40,37%	39,38%	38,42%	<b>37,47%</b>	36,54%	35,64%	34,75%	33,88%	33,03%	

### AY24 – Bonar 2024

Precio del 18-oct-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		
2.710,00	pesos	52,13%	1,57x	83,34	83,34%	3,34	86,68	53,67%	8,750%	7-nov-2019	3,65	7-may-2020	16,66	7-may-2024

Tipo de cambio simulado: **58,25**

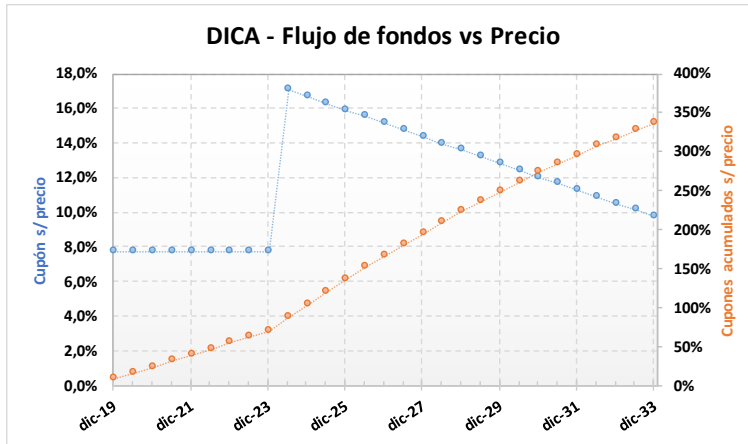


- AY24 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.635	2.650	2.665	2.680	2.695	2.710,00	2.725	2.740	2.755	2.770	2.785
TIPO DE CAMBIO SIMULADO	55,75	50,62%	50,08%	49,55%	49,03%	48,51%	<b>48,00%</b>	47,50%	47,00%	46,51%	46,02%	45,54%
	56,00	51,04%	50,50%	49,97%	49,44%	48,93%	<b>48,41%</b>	47,91%	47,41%	46,91%	46,42%	45,94%
	56,25	51,47%	50,93%	50,39%	49,86%	49,34%	<b>48,82%</b>	48,31%	47,81%	47,31%	46,82%	46,34%
	56,50	51,89%	51,35%	50,81%	50,28%	49,75%	<b>49,24%</b>	48,72%	48,22%	47,72%	47,22%	46,74%
	56,75	52,32%	51,77%	51,23%	50,70%	50,17%	<b>49,65%</b>	49,13%	48,62%	48,12%	47,63%	47,13%
	57,00	52,75%	52,20%	51,65%	51,12%	50,58%	<b>50,06%</b>	49,54%	49,03%	48,53%	48,03%	47,53%
	57,25	53,18%	52,62%	52,07%	51,53%	51,00%	<b>50,47%</b>	49,95%	49,44%	48,93%	48,43%	47,93%
	57,50	53,61%	53,05%	52,50%	51,95%	51,42%	<b>50,89%</b>	50,36%	49,85%	49,34%	48,83%	48,33%
	57,75	54,03%	53,47%	52,92%	52,37%	51,83%	<b>51,30%</b>	50,77%	50,25%	49,74%	49,23%	48,73%
	58,00	54,46%	53,90%	53,34%	52,79%	52,25%	<b>51,72%</b>	51,19%	50,66%	50,15%	49,64%	49,13%
	58,25	<b>54,89%</b>	<b>54,33%</b>	<b>53,77%</b>	<b>53,21%</b>	<b>52,67%</b>	<b>52,13%</b>	<b>51,60%</b>	<b>51,07%</b>	<b>50,55%</b>	<b>50,04%</b>	<b>49,53%</b>
	58,50	55,32%	54,75%	54,19%	53,64%	53,09%	<b>52,55%</b>	52,01%	51,48%	50,96%	50,44%	49,94%
	58,75	55,76%	55,18%	54,62%	54,06%	53,51%	<b>52,96%</b>	52,42%	51,89%	51,37%	50,85%	50,34%
	59,00	56,19%	55,61%	55,04%	54,48%	53,93%	<b>53,38%</b>	52,84%	52,30%	51,78%	51,25%	50,74%
	59,25	56,62%	56,04%	55,47%	54,90%	54,35%	<b>53,79%</b>	53,25%	52,71%	52,18%	51,66%	51,14%
	59,50	57,05%	56,47%	55,89%	55,33%	54,77%	<b>54,21%</b>	53,67%	53,13%	52,59%	52,07%	51,55%
	59,75	57,49%	56,90%	56,32%	55,75%	55,19%	<b>54,63%</b>	54,08%	53,54%	53,00%	52,47%	51,95%
60,00	57,92%	57,33%	56,75%	56,17%	55,61%	<b>55,05%</b>	54,50%	53,95%	53,41%	52,88%	52,35%	
60,25	58,35%	57,76%	57,18%	56,60%	56,03%	<b>55,47%</b>	54,91%	54,36%	53,82%	53,29%	52,76%	
60,50	58,79%	58,19%	57,61%	57,03%	56,45%	<b>55,89%</b>	55,33%	54,78%	54,23%	53,69%	53,16%	
60,75	59,23%	58,63%	58,04%	57,45%	56,88%	<b>56,31%</b>	55,74%	55,19%	54,64%	54,10%	53,57%	

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

Precio del 18-oct-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		
4.377,00	pesos	21,68%	4,89x	140,20	100,00%	3,61	143,82	52,25%	8,280%	31-dic-2019	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: **58,25**

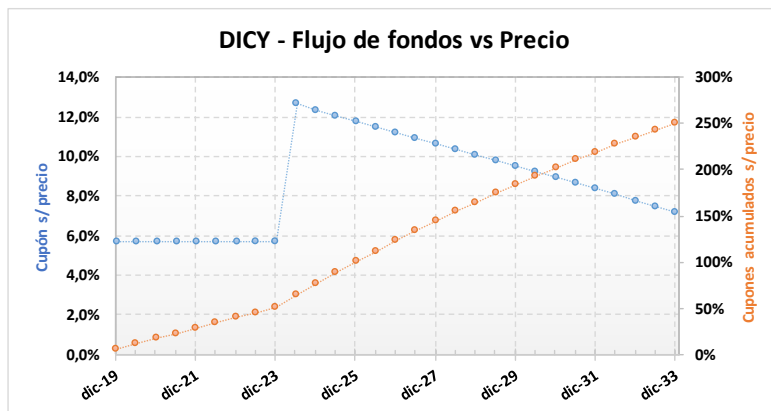


- DICA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		4.130	4.180	4.230	4.280	4.330	4.377,00	4.430	4.480	4.530	4.580	4.630
TIPO DE CAMBIO SIMULADO	55,75	22,04%	21,74%	21,44%	21,15%	20,87%	<b>20,61%</b>	20,32%	20,05%	19,79%	19,53%	19,28%
	56,00	22,15%	21,85%	21,55%	21,26%	20,98%	<b>20,71%</b>	20,43%	20,16%	19,89%	19,64%	19,38%
	56,25	22,26%	21,96%	21,66%	21,37%	21,09%	<b>20,82%</b>	20,53%	20,26%	20,00%	19,74%	19,49%
	56,50	22,37%	22,07%	21,77%	21,48%	21,19%	<b>20,93%</b>	20,64%	20,37%	20,10%	19,84%	19,59%
	56,75	22,49%	22,18%	21,88%	21,59%	21,30%	<b>21,04%</b>	20,75%	20,48%	20,21%	19,95%	19,69%
	57,00	22,60%	22,29%	21,99%	21,70%	21,41%	<b>21,15%</b>	20,85%	20,58%	20,31%	20,05%	19,80%
	57,25	22,71%	22,40%	22,10%	21,81%	21,52%	<b>21,25%</b>	20,96%	20,69%	20,42%	20,16%	19,90%
	57,50	22,82%	22,51%	22,21%	21,92%	21,63%	<b>21,36%</b>	21,06%	20,79%	20,52%	20,26%	20,00%
	57,75	22,93%	22,62%	22,32%	22,03%	21,74%	<b>21,47%</b>	21,17%	20,90%	20,63%	20,36%	20,11%
	58,00	23,04%	22,73%	22,43%	22,13%	21,84%	<b>21,57%</b>	21,28%	21,00%	20,73%	20,47%	20,21%
	58,25	<b>23,16%</b>	<b>22,84%</b>	<b>22,54%</b>	<b>22,24%</b>	<b>21,95%</b>	<b>21,68%</b>	<b>21,38%</b>	<b>21,11%</b>	<b>20,84%</b>	<b>20,57%</b>	<b>20,31%</b>
	58,50	23,27%	22,95%	22,65%	22,35%	22,06%	<b>21,79%</b>	21,49%	21,21%	20,94%	20,67%	20,41%
	58,75	23,38%	23,07%	22,76%	22,46%	22,17%	<b>21,89%</b>	21,59%	21,32%	21,05%	20,78%	20,52%
	59,00	23,49%	23,18%	22,87%	22,57%	22,27%	<b>22,00%</b>	21,70%	21,42%	21,15%	20,88%	20,62%
	59,25	23,60%	23,28%	22,98%	22,68%	22,38%	<b>22,11%</b>	21,81%	21,53%	21,25%	20,98%	20,72%
	59,50	23,71%	23,39%	23,09%	22,78%	22,49%	<b>22,21%</b>	21,91%	21,63%	21,36%	21,09%	20,82%
	59,75	23,82%	23,50%	23,19%	22,89%	22,59%	<b>22,32%</b>	22,02%	21,73%	21,46%	21,19%	20,92%
60,00	23,93%	23,61%	23,30%	23,00%	22,70%	<b>22,42%</b>	22,12%	21,84%	21,56%	21,29%	21,03%	
60,25	24,04%	23,72%	23,41%	23,11%	22,81%	<b>22,53%</b>	22,23%	21,94%	21,67%	21,39%	21,13%	
60,50	24,15%	23,83%	23,52%	23,21%	22,91%	<b>22,64%</b>	22,33%	22,05%	21,77%	21,50%	21,23%	
60,75	24,26%	23,94%	23,63%	23,32%	23,02%	<b>22,74%</b>	22,43%	22,15%	21,87%	21,60%	21,33%	

### 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			
<b>18-oct-19</b>	pesos	14,95%	5,61x	140,20	100,00%	3,61	143,82	70,43%	8,280%	31-dic-2019	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: **58,25**



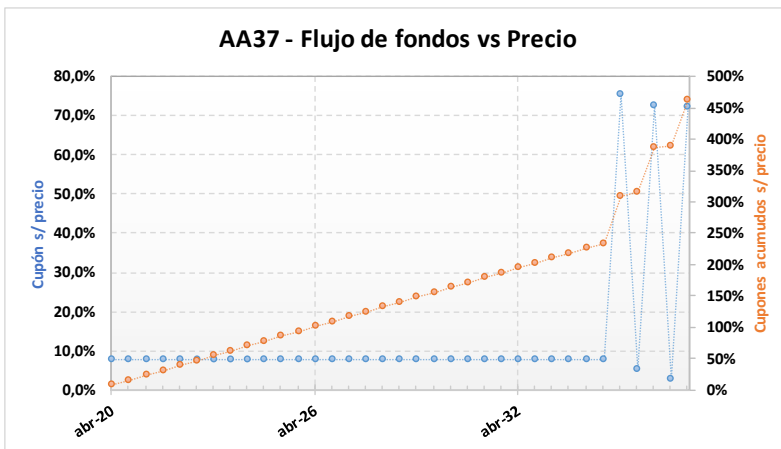
- DICY - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		5.650	5.700	5.750	5.800	5.850	5.900,00	5.950	6.000	6.050	6.100	6.150
TIPO DE CAMBIO SIMULADO	55,75	14,94%	14,76%	14,58%	14,41%	14,24%	<b>14,07%</b>	13,90%	13,73%	13,57%	13,41%	13,25%
	56,00	15,03%	14,85%	14,67%	14,50%	14,33%	<b>14,16%</b>	13,99%	13,82%	13,66%	13,49%	13,34%
	56,25	15,12%	14,94%	14,76%	14,59%	14,42%	<b>14,24%</b>	14,08%	13,91%	13,74%	13,58%	13,42%
	56,50	15,22%	15,03%	14,86%	14,68%	14,51%	<b>14,33%</b>	14,16%	14,00%	13,83%	13,67%	13,51%
	56,75	15,31%	15,12%	14,95%	14,77%	14,59%	<b>14,42%</b>	14,25%	14,09%	13,92%	13,76%	13,60%
	57,00	15,40%	15,22%	15,04%	14,86%	14,68%	<b>14,51%</b>	14,34%	14,17%	14,01%	13,84%	13,68%
	57,25	15,49%	15,31%	15,13%	14,95%	14,77%	<b>14,60%</b>	14,43%	14,26%	14,09%	13,93%	13,77%
	57,50	15,58%	15,40%	15,22%	15,04%	14,86%	<b>14,69%</b>	14,52%	14,35%	14,18%	14,02%	13,86%
	57,75	15,67%	15,49%	15,30%	15,13%	14,95%	<b>14,78%</b>	14,60%	14,44%	14,27%	14,10%	13,94%
	58,00	15,76%	15,58%	15,39%	15,22%	15,04%	<b>14,86%</b>	14,69%	14,52%	14,36%	14,19%	14,03%
	58,25	<b>15,85%</b>	<b>15,67%</b>	<b>15,48%</b>	<b>15,30%</b>	<b>15,13%</b>	<b>14,95%</b>	<b>14,78%</b>	<b>14,61%</b>	<b>14,44%</b>	<b>14,28%</b>	<b>14,11%</b>
	58,50	15,94%	15,76%	15,57%	15,39%	15,22%	<b>15,04%</b>	14,87%	14,70%	14,53%	14,36%	14,20%
	58,75	16,03%	15,84%	15,66%	15,48%	15,30%	<b>15,13%</b>	14,95%	14,78%	14,62%	14,45%	14,28%
	59,00	16,12%	15,93%	15,75%	15,57%	15,39%	<b>15,22%</b>	15,04%	14,87%	14,70%	14,53%	14,37%
	59,25	16,21%	16,02%	15,84%	15,66%	15,48%	<b>15,30%</b>	15,13%	14,96%	14,79%	14,62%	14,45%
	59,50	16,30%	16,11%	15,93%	15,75%	15,57%	<b>15,39%</b>	15,22%	15,04%	14,87%	14,71%	14,54%
	59,75	16,39%	16,20%	16,02%	15,83%	15,65%	<b>15,48%</b>	15,30%	15,13%	14,96%	14,79%	14,62%
60,00	16,48%	16,29%	16,10%	15,92%	15,74%	<b>15,56%</b>	15,39%	15,22%	15,04%	14,88%	14,71%	
60,25	16,57%	16,38%	16,19%	16,01%	15,83%	<b>15,65%</b>	15,47%	15,30%	15,13%	14,96%	14,79%	
60,50	16,66%	16,47%	16,28%	16,10%	15,92%	<b>15,74%</b>	15,56%	15,39%	15,22%	15,05%	14,88%	
60,75	16,75%	16,56%	16,37%	16,18%	16,00%	<b>15,82%</b>	15,65%	15,47%	15,30%	15,13%	14,96%	



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

Precio del 18-oct-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		
2.845,00	pesos	17,66%	6,76x	100,00	100,00%	0,08	100,08	48,80%	7,625%	18-abr-2020	3,81	18-abr-2035	33,00	18-abr-2037

Tipo de cambio simulado: **58,25**

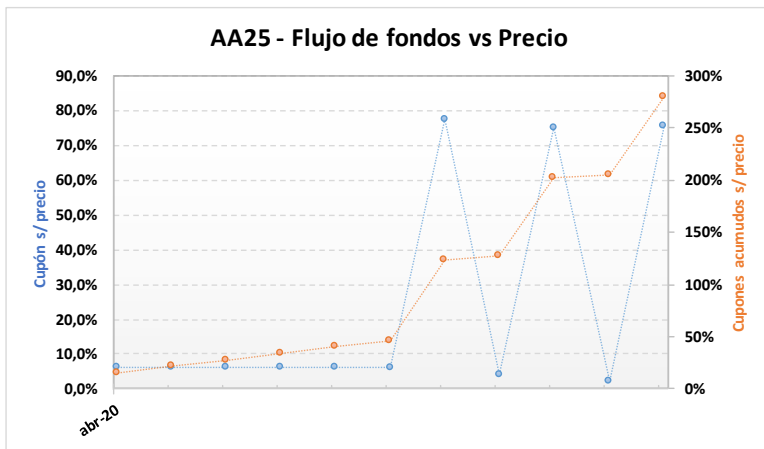


- AA37- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.600	2.650	2.700	2.750	2.800	2.845,00	2.900	2.950	3.000	3.050	3.100
TIPO DE CAMBIO SIMULADO	55,75	18,48%	18,14%	17,81%	17,49%	17,18%	<b>16,91%</b>	16,59%	16,31%	16,03%	15,77%	15,51%
	56,00	18,56%	18,22%	17,88%	17,56%	17,25%	<b>16,98%</b>	16,66%	16,38%	16,11%	15,84%	15,58%
	56,25	18,64%	18,29%	17,96%	17,64%	17,33%	<b>17,06%</b>	16,74%	16,45%	16,18%	15,91%	15,65%
	56,50	18,72%	18,37%	18,04%	17,72%	17,41%	<b>17,13%</b>	16,81%	16,53%	16,25%	15,98%	15,72%
	56,75	18,80%	18,45%	18,12%	17,80%	17,48%	<b>17,21%</b>	16,89%	16,60%	16,32%	16,05%	15,79%
	57,00	18,88%	18,53%	18,20%	17,87%	17,56%	<b>17,28%</b>	16,96%	16,67%	16,40%	16,13%	15,86%
	57,25	18,96%	18,61%	18,28%	17,95%	17,63%	<b>17,36%</b>	17,03%	16,75%	16,47%	16,20%	15,93%
	57,50	19,04%	18,69%	18,35%	18,03%	17,71%	<b>17,43%</b>	17,11%	16,82%	16,54%	16,27%	16,00%
	57,75	19,12%	18,77%	18,43%	18,10%	17,79%	<b>17,51%</b>	17,18%	16,89%	16,61%	16,34%	16,07%
	58,00	19,20%	18,85%	18,51%	18,18%	17,86%	<b>17,58%</b>	17,25%	16,96%	16,68%	16,41%	16,14%
	<b>58,25</b>	<b>19,28%</b>	<b>18,93%</b>	<b>18,59%</b>	<b>18,26%</b>	<b>17,94%</b>	<b>17,66%</b>	<b>17,33%</b>	<b>17,04%</b>	<b>16,75%</b>	<b>16,48%</b>	<b>16,21%</b>
	58,50	19,36%	19,01%	18,67%	18,33%	18,01%	<b>17,73%</b>	17,40%	17,11%	16,83%	16,55%	16,28%
	58,75	19,44%	19,09%	18,74%	18,41%	18,09%	<b>17,81%</b>	17,47%	17,18%	16,90%	16,62%	16,35%
	59,00	19,52%	19,17%	18,82%	18,49%	18,16%	<b>17,88%</b>	17,55%	17,25%	16,97%	16,69%	16,42%
	59,25	19,60%	19,25%	18,90%	18,56%	18,24%	<b>17,96%</b>	17,62%	17,33%	17,04%	16,76%	16,49%
	59,50	19,68%	19,32%	18,98%	18,64%	18,31%	<b>18,03%</b>	17,69%	17,40%	17,11%	16,83%	16,56%
	59,75	19,76%	19,40%	19,05%	18,72%	18,39%	<b>18,11%</b>	17,77%	17,47%	17,18%	16,90%	16,63%
60,00	19,84%	19,48%	19,13%	18,79%	18,47%	<b>18,18%</b>	17,84%	17,54%	17,25%	16,97%	16,70%	
60,25	19,92%	19,56%	19,21%	18,87%	18,54%	<b>18,25%</b>	17,91%	17,62%	17,33%	17,04%	16,77%	
60,50	20,00%	19,64%	19,29%	18,95%	18,62%	<b>18,33%</b>	17,99%	17,69%	17,40%	17,11%	16,84%	
60,75	20,08%	19,72%	19,36%	19,02%	18,69%	<b>18,40%</b>	18,06%	17,76%	17,47%	17,18%	16,91%	

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

Precio del 18-oct-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		
2.700,00	pesos	29,35%	3,64x	100,00	100,00%	0,06	100,06	46,32%	5,750%	18-abr-2020	2,88	18-abr-2023	33,00	18-abr-2025

Tipo de cambio simulado: 58,25

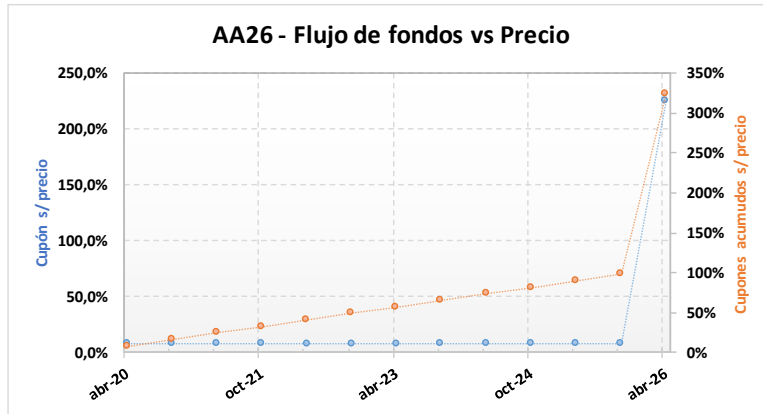


- AA25- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.450	2.500	2.550	2.600	2.650	2.700,00	2.750	2.800	2.850	2.900	2.950
TIPO DE CAMBIO SIMULADO	55,75	31,27%	30,54%	29,83%	29,14%	28,46%	27,81%	27,17%	26,55%	25,95%	25,35%	24,78%
	56,00	31,43%	30,70%	29,99%	29,30%	28,62%	27,97%	27,33%	26,70%	26,10%	25,51%	24,93%
	56,25	31,59%	30,86%	30,15%	29,45%	28,78%	28,12%	27,48%	26,86%	26,25%	25,66%	25,08%
	56,50	31,76%	31,02%	30,31%	29,61%	28,94%	28,28%	27,64%	27,01%	26,40%	25,81%	25,23%
	56,75	31,92%	31,18%	30,47%	29,77%	29,09%	28,43%	27,79%	27,16%	26,55%	25,96%	25,38%
	57,00	32,08%	31,34%	30,62%	29,93%	29,25%	28,59%	27,94%	27,32%	26,70%	26,11%	25,53%
	57,25	32,24%	31,50%	30,78%	30,08%	29,40%	28,74%	28,10%	27,47%	26,86%	26,26%	25,68%
	57,50	32,40%	31,66%	30,94%	30,24%	29,56%	28,89%	28,25%	27,62%	27,01%	26,41%	25,82%
	57,75	32,56%	31,82%	31,10%	30,39%	29,71%	29,05%	28,40%	27,77%	27,16%	26,56%	25,97%
	58,00	32,72%	31,98%	31,25%	30,55%	29,87%	29,20%	28,55%	27,92%	27,31%	26,70%	26,12%
	58,25	32,88%	32,13%	31,41%	30,71%	30,02%	29,35%	28,70%	28,07%	27,45%	26,85%	26,27%
	58,50	33,04%	32,29%	31,57%	30,86%	30,17%	29,51%	28,86%	28,22%	27,60%	27,00%	26,41%
	58,75	33,20%	32,45%	31,72%	31,01%	30,33%	29,66%	29,01%	28,37%	27,75%	27,15%	26,56%
	59,00	33,36%	32,61%	31,88%	31,17%	30,48%	29,81%	29,16%	28,52%	27,90%	27,30%	26,70%
	59,25	33,51%	32,76%	32,03%	31,32%	30,63%	29,96%	29,31%	28,67%	28,05%	27,44%	26,85%
	59,50	33,67%	32,92%	32,19%	31,48%	30,78%	30,11%	29,46%	28,82%	28,20%	27,59%	27,00%
	59,75	33,83%	33,07%	32,34%	31,63%	30,94%	30,26%	29,61%	28,97%	28,34%	27,73%	27,14%
60,00	33,98%	33,23%	32,50%	31,78%	31,09%	30,41%	29,75%	29,11%	28,49%	27,88%	27,29%	
60,25	34,14%	33,38%	32,65%	31,93%	31,24%	30,56%	29,90%	29,26%	28,64%	28,02%	27,43%	
60,50	34,30%	33,54%	32,80%	32,09%	31,39%	30,71%	30,05%	29,41%	28,78%	28,17%	27,57%	
60,75	34,45%	33,69%	32,95%	32,24%	31,54%	30,86%	30,20%	29,55%	28,93%	28,31%	27,72%	

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

Precio del 18-oct-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			
2.679,50	pesos	26,02%	4,55x	100,00	100,00%	0,00	100,00	46,00%	7,500%	22-abr-2020	3,75	22-abr-2026	100,00	22-abr-2026

Tipo de cambio simulado: **58,25**

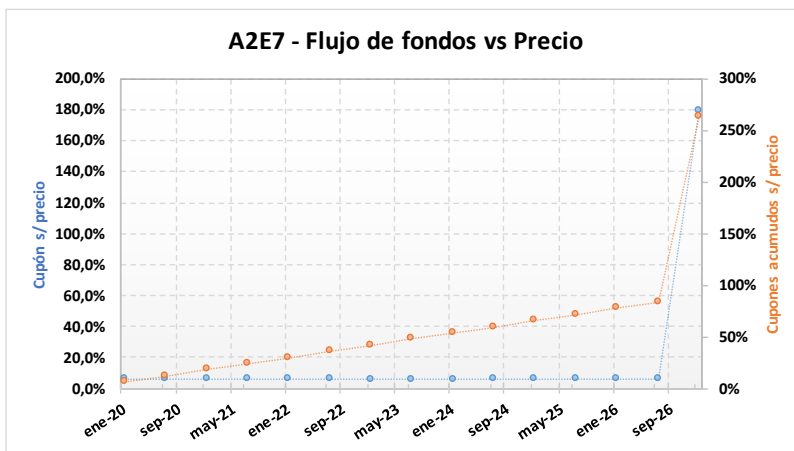


- AA26- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.555	2.580	2.605	2.630	2.655	2.679,50	2.705	2.730	2.755	2.780	2.805
TIPO DE CAMBIO SIMULADO	55,75	26,12%	25,85%	25,58%	25,32%	25,06%	<b>24,81%</b>	24,56%	24,31%	24,06%	23,82%	23,58%
	56,00	26,24%	25,97%	25,71%	25,44%	25,18%	<b>24,93%</b>	24,68%	24,43%	24,18%	23,94%	23,70%
	56,25	26,37%	26,10%	25,83%	25,57%	25,31%	<b>25,06%</b>	24,80%	24,55%	24,30%	24,06%	23,82%
	56,50	26,49%	26,22%	25,95%	25,69%	25,43%	<b>25,18%</b>	24,92%	24,67%	24,42%	24,18%	23,94%
	56,75	26,61%	26,34%	26,07%	25,81%	25,55%	<b>25,30%</b>	25,04%	24,79%	24,54%	24,30%	24,06%
	57,00	26,74%	26,46%	26,20%	25,93%	25,67%	<b>25,42%</b>	25,16%	24,91%	24,66%	24,42%	24,18%
	57,25	26,86%	26,59%	26,32%	26,05%	25,79%	<b>25,54%</b>	25,28%	25,03%	24,78%	24,53%	24,29%
	57,50	26,98%	26,71%	26,44%	26,17%	25,91%	<b>25,66%</b>	25,40%	25,15%	24,90%	24,65%	24,41%
	57,75	27,10%	26,83%	26,56%	26,29%	26,03%	<b>25,78%</b>	25,52%	25,26%	25,02%	24,77%	24,53%
	58,00	27,23%	26,95%	26,68%	26,41%	26,15%	<b>25,90%</b>	25,64%	25,38%	25,13%	24,89%	24,64%
	58,25	<b>27,35%</b>	<b>27,07%</b>	<b>26,80%</b>	<b>26,53%</b>	<b>26,27%</b>	<b>26,02%</b>	<b>25,75%</b>	<b>25,50%</b>	<b>25,25%</b>	<b>25,00%</b>	<b>24,76%</b>
	58,50	27,47%	27,19%	26,92%	26,65%	26,39%	<b>26,13%</b>	25,87%	25,62%	25,37%	25,12%	24,88%
	58,75	27,59%	27,31%	27,04%	26,77%	26,51%	<b>26,25%</b>	25,99%	25,74%	25,48%	25,24%	24,99%
	59,00	27,71%	27,43%	27,16%	26,89%	26,63%	<b>26,37%</b>	26,11%	25,85%	25,60%	25,35%	25,11%
	59,25	27,83%	27,55%	27,28%	27,01%	26,75%	<b>26,49%</b>	26,22%	25,97%	25,72%	25,47%	25,22%
	59,50	27,95%	27,67%	27,40%	27,13%	26,86%	<b>26,61%</b>	26,34%	26,09%	25,83%	25,59%	25,34%
	59,75	28,07%	27,79%	27,52%	27,25%	26,98%	<b>26,72%</b>	26,46%	26,20%	25,95%	25,70%	25,45%
60,00	28,19%	27,91%	27,64%	27,37%	27,10%	<b>26,84%</b>	26,58%	26,32%	26,07%	25,82%	25,57%	
60,25	28,31%	28,03%	27,76%	27,49%	27,22%	<b>26,96%</b>	26,69%	26,43%	26,18%	25,93%	25,68%	
60,50	28,43%	28,15%	27,88%	27,60%	27,33%	<b>27,07%</b>	26,81%	26,55%	26,30%	26,05%	25,80%	
60,75	28,55%	28,27%	27,99%	27,72%	27,45%	<b>27,19%</b>	26,92%	26,67%	26,41%	26,16%	25,91%	

### A2E7 – Bonar 2027 (Ley NY)

Precio del 18-oct-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			
3.361,50	pesos	18,70%	5,12x	100,00	100,00%	1,64	101,64	56,78%	6,875%	26-ene-2020	3,44	26-ene-2027	100,00	26-ene-2027

Tipo de cambio simulado: **58,25**

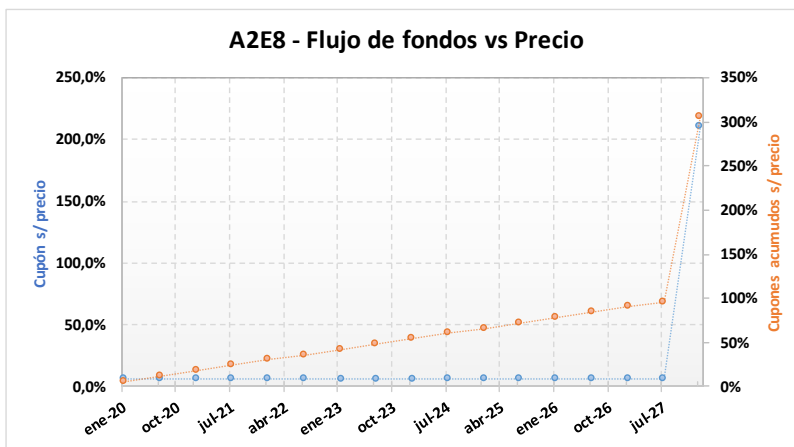


-A2E7- SENSIBILIDAD DE LA TIR	PRECIO EN PESOS SIMULADO										
	3.110	3.160	3.210	3.260	3.310	3.361,50	3.410	3.460	3.510	3.560	3.610
55,75	19,49%	19,12%	18,75%	18,39%	18,04%	<b>17,69%</b>	17,37%	17,04%	16,72%	16,40%	16,09%
56,00	19,59%	19,22%	18,85%	18,50%	18,15%	<b>17,79%</b>	17,47%	17,14%	16,82%	16,50%	16,19%
56,25	19,70%	19,32%	18,96%	18,60%	18,25%	<b>17,89%</b>	17,57%	17,24%	16,92%	16,60%	16,29%
56,50	19,80%	19,43%	19,06%	18,70%	18,35%	<b>18,00%</b>	17,67%	17,34%	17,02%	16,70%	16,39%
56,75	19,91%	19,53%	19,16%	18,80%	18,45%	<b>18,10%</b>	17,77%	17,44%	17,12%	16,80%	16,49%
57,00	20,01%	19,64%	19,27%	18,91%	18,55%	<b>18,20%</b>	17,87%	17,54%	17,21%	16,90%	16,59%
57,25	20,12%	19,74%	19,37%	19,01%	18,65%	<b>18,30%</b>	17,97%	17,64%	17,31%	16,99%	16,68%
57,50	20,22%	19,84%	19,47%	19,11%	18,76%	<b>18,40%</b>	18,07%	17,74%	17,41%	17,09%	16,78%
57,75	20,33%	19,95%	19,57%	19,21%	18,86%	<b>18,50%</b>	18,17%	17,84%	17,51%	17,19%	16,88%
58,00	20,43%	20,05%	19,68%	19,31%	18,96%	<b>18,60%</b>	18,27%	17,93%	17,61%	17,29%	16,97%
<b>TIPO DE CAMBIO SIMULADO</b>											
58,25	<b>20,53%</b>	<b>20,15%</b>	<b>19,78%</b>	<b>19,41%</b>	<b>19,06%</b>	<b>18,70%</b>	<b>18,37%</b>	<b>18,03%</b>	<b>17,71%</b>	<b>17,38%</b>	<b>17,07%</b>
58,50	20,64%	20,25%	19,88%	19,51%	19,16%	<b>18,80%</b>	18,47%	18,13%	17,80%	17,48%	17,17%
58,75	20,74%	20,36%	19,98%	19,61%	19,26%	<b>18,90%</b>	18,56%	18,23%	17,90%	17,58%	17,26%
59,00	20,84%	20,46%	20,08%	19,71%	19,36%	<b>18,99%</b>	18,66%	18,33%	18,00%	17,67%	17,36%
59,25	20,94%	20,56%	20,18%	19,81%	19,46%	<b>19,09%</b>	18,76%	18,42%	18,09%	17,77%	17,45%
59,50	21,05%	20,66%	20,28%	19,91%	19,55%	<b>19,19%</b>	18,86%	18,52%	18,19%	17,87%	17,55%
59,75	21,15%	20,76%	20,38%	20,01%	19,65%	<b>19,29%</b>	18,96%	18,62%	18,29%	17,96%	17,64%
60,00	21,25%	20,86%	20,48%	20,11%	19,75%	<b>19,39%</b>	19,05%	18,71%	18,38%	18,06%	17,74%
60,25	21,35%	20,96%	20,58%	20,21%	19,85%	<b>19,49%</b>	19,15%	18,81%	18,48%	18,15%	17,83%
60,50	21,45%	21,06%	20,68%	20,31%	19,95%	<b>19,58%</b>	19,25%	18,91%	18,57%	18,25%	17,93%
60,75	21,55%	21,16%	20,78%	20,41%	20,05%	<b>19,68%</b>	19,34%	19,00%	18,67%	18,34%	18,02%

### A2E8 – Bonar 2028 (Ley NY)

Precio del 18-oct-19	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento		
				Monto	%					Renta	Amortización			
2.850,00	pesos	19,50%	5,57x	100,00	100,00%	1,65	101,65	48,13%	5,875%	11-ene-2020	2,94	11-ene-2028	100,00	11-ene-2028

Tipo de cambio simulado: **58,25**



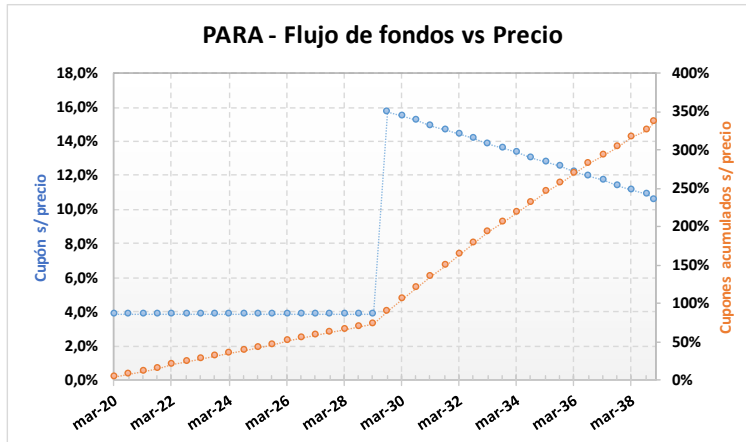
-A2E8- SENSIBILIDAD DE LA TIR	PRECIO EN PESOS SIMULADO										
	2.600	2.650	2.700	2.750	2.800	2.850,00	2.900	2.950	3.000	3.050	3.100
55,75	20,54%	20,13%	19,72%	19,33%	18,94%	<b>18,57%</b>	18,21%	17,85%	17,50%	17,17%	16,84%
56,00	20,64%	20,22%	19,82%	19,42%	19,04%	<b>18,66%</b>	18,30%	17,94%	17,60%	17,26%	16,93%
56,25	20,74%	20,32%	19,91%	19,52%	19,13%	<b>18,76%</b>	18,39%	18,04%	17,69%	17,35%	17,02%
56,50	20,84%	20,42%	20,01%	19,61%	19,23%	<b>18,85%</b>	18,49%	18,13%	17,78%	17,44%	17,11%
56,75	20,93%	20,51%	20,11%	19,71%	19,32%	<b>18,95%</b>	18,58%	18,22%	17,87%	17,53%	17,20%
57,00	21,03%	20,61%	20,20%	19,80%	19,42%	<b>19,04%</b>	18,67%	18,31%	17,96%	17,62%	17,29%
57,25	21,13%	20,71%	20,30%	19,90%	19,51%	<b>19,13%</b>	18,76%	18,40%	18,05%	17,71%	17,38%
57,50	21,23%	20,80%	20,39%	19,99%	19,60%	<b>19,22%</b>	18,85%	18,49%	18,14%	17,80%	17,47%
57,75	21,32%	20,90%	20,49%	20,09%	19,70%	<b>19,32%</b>	18,95%	18,59%	18,23%	17,89%	17,55%
58,00	21,42%	21,00%	20,58%	20,18%	19,79%	<b>19,41%</b>	19,04%	18,68%	18,32%	17,98%	17,64%
58,25	<b>21,52%</b>	<b>21,09%</b>	<b>20,68%</b>	<b>20,27%</b>	<b>19,88%</b>	<b>19,50%</b>	<b>19,13%</b>	<b>18,77%</b>	<b>18,41%</b>	<b>18,07%</b>	<b>17,73%</b>
58,50	21,61%	21,19%	20,77%	20,37%	19,98%	<b>19,59%</b>	19,22%	18,86%	18,50%	18,16%	17,82%
58,75	21,71%	21,28%	20,87%	20,46%	20,07%	<b>19,69%</b>	19,31%	18,95%	18,59%	18,25%	17,91%
59,00	21,80%	21,38%	20,96%	20,55%	20,16%	<b>19,78%</b>	19,40%	19,04%	18,68%	18,34%	18,00%
59,25	21,90%	21,47%	21,05%	20,65%	20,25%	<b>19,87%</b>	19,49%	19,13%	18,77%	18,42%	18,08%
59,50	22,00%	21,57%	21,15%	20,74%	20,34%	<b>19,96%</b>	19,58%	19,22%	18,86%	18,51%	18,17%
59,75	22,09%	21,66%	21,24%	20,83%	20,44%	<b>20,05%</b>	19,67%	19,31%	18,95%	18,60%	18,26%
60,00	22,19%	21,75%	21,33%	20,93%	20,53%	<b>20,14%</b>	19,76%	19,40%	19,04%	18,69%	18,35%
60,25	22,28%	21,85%	21,43%	21,02%	20,62%	<b>20,23%</b>	19,85%	19,49%	19,13%	18,78%	18,43%
60,50	22,38%	21,94%	21,52%	21,11%	20,71%	<b>20,32%</b>	19,94%	19,57%	19,22%	18,86%	18,52%
60,75	22,47%	22,03%	21,61%	21,20%	20,80%	<b>20,41%</b>	20,03%	19,66%	19,30%	18,95%	18,61%

TIPO DE  
CAMBIO  
SIMULADO

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

Precio del 18-oct-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			
2.820,00	pesos	11,83%	9,33x	100,00	100,00%	0,23	100,23	48,30%	3,750%	31-mar-2020	1,88	30-sep-2029	5,00	31-dic-2038

Tipo de cambio simulado: 58,25

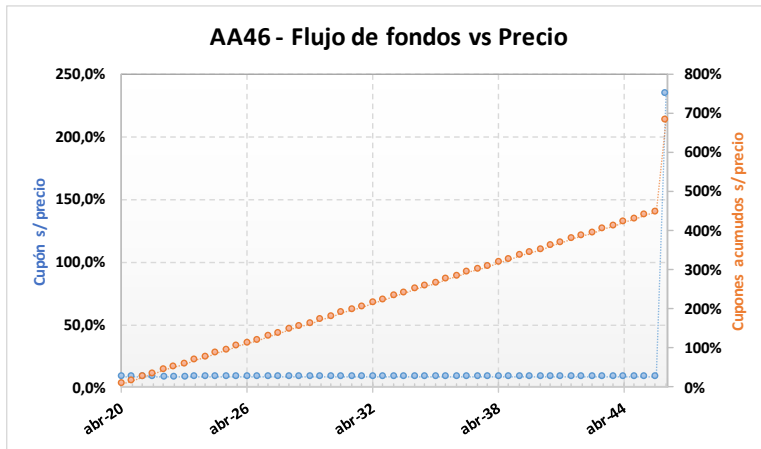


- PARA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.695	2.720	2.745	2.770	2.795	2.820,00	2.845	2.870	2.895	2.920	2.945
TIPO DE CAMBIO SIMULADO	55,75	11,85%	11,74%	11,63%	11,52%	11,42%	<b>11,31%</b>	11,21%	11,11%	11,00%	10,90%	10,81%
	56,00	11,90%	11,79%	11,68%	11,58%	11,47%	<b>11,36%</b>	11,26%	11,16%	11,06%	10,96%	10,86%
	56,25	11,96%	11,85%	11,74%	11,63%	11,52%	<b>11,42%</b>	11,31%	11,21%	11,11%	11,01%	10,91%
	56,50	12,01%	11,90%	11,79%	11,68%	11,57%	<b>11,47%</b>	11,36%	11,26%	11,16%	11,06%	10,96%
	56,75	12,06%	11,95%	11,84%	11,73%	11,63%	<b>11,52%</b>	11,42%	11,31%	11,21%	11,11%	11,01%
	57,00	12,12%	12,01%	11,90%	11,79%	11,68%	<b>11,57%</b>	11,47%	11,37%	11,26%	11,16%	11,06%
	57,25	12,17%	12,06%	11,95%	11,84%	11,73%	<b>11,63%</b>	11,52%	11,42%	11,31%	11,21%	11,11%
	57,50	12,22%	12,11%	12,00%	11,89%	11,78%	<b>11,68%</b>	11,57%	11,47%	11,37%	11,26%	11,16%
	57,75	12,28%	12,16%	12,05%	11,94%	11,84%	<b>11,73%</b>	11,62%	11,52%	11,42%	11,32%	11,22%
	58,00	12,33%	12,22%	12,11%	12,00%	11,89%	<b>11,78%</b>	11,68%	11,57%	11,47%	11,37%	11,27%
	58,25	<b>12,38%</b>	<b>12,27%</b>	<b>12,16%</b>	<b>12,05%</b>	<b>11,94%</b>	<b>11,83%</b>	<b>11,73%</b>	<b>11,62%</b>	<b>11,52%</b>	<b>11,42%</b>	<b>11,32%</b>
	58,50	12,43%	12,32%	12,21%	12,10%	11,99%	<b>11,88%</b>	11,78%	11,67%	11,57%	11,47%	11,37%
	58,75	12,49%	12,37%	12,26%	12,15%	12,04%	<b>11,93%</b>	11,83%	11,72%	11,62%	11,52%	11,42%
	59,00	12,54%	12,42%	12,31%	12,20%	12,09%	<b>11,99%</b>	11,88%	11,77%	11,67%	11,57%	11,47%
	59,25	12,59%	12,48%	12,36%	12,25%	12,14%	<b>12,04%</b>	11,93%	11,83%	11,72%	11,62%	11,52%
	59,50	12,64%	12,53%	12,42%	12,31%	12,20%	<b>12,09%</b>	11,98%	11,88%	11,77%	11,67%	11,57%
59,75	12,69%	12,58%	12,47%	12,36%	12,25%	<b>12,14%</b>	12,03%	11,93%	11,82%	11,72%	11,62%	
60,00	12,75%	12,63%	12,52%	12,41%	12,30%	<b>12,19%</b>	12,08%	11,98%	11,87%	11,77%	11,67%	
60,25	12,80%	12,68%	12,57%	12,46%	12,35%	<b>12,24%</b>	12,13%	12,03%	11,92%	11,82%	11,72%	
60,50	12,85%	12,73%	12,62%	12,51%	12,40%	<b>12,29%</b>	12,18%	12,08%	11,97%	11,87%	11,77%	
60,75	12,90%	12,79%	12,67%	12,56%	12,45%	<b>12,34%</b>	12,23%	12,13%	12,02%	11,92%	11,82%	

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

Precio del 18-oct-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		
2.583,39	pesos	18,20%	6,47x	100,00	100,00%	0,00	100,00	44,35%	7,625%	22-abr-2020	3,81	22-abr-2046	100,00	22-abr-2046

Tipo de cambio simulado: **58,25**



- AA46- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.330	2.380	2.430	2.480	2.530	2.583,39	2.630	2.680	2.730	2.780	2.830
TIPO DE CAMBIO SIMULADO	55,75	19,32%	18,91%	18,52%	18,15%	17,79%	<b>17,42%</b>	17,11%	16,79%	16,48%	16,18%	15,90%
	56,00	19,41%	19,00%	18,61%	18,23%	17,87%	<b>17,50%</b>	17,19%	16,86%	16,56%	16,26%	15,97%
	56,25	19,50%	19,08%	18,69%	18,31%	17,95%	<b>17,57%</b>	17,26%	16,94%	16,63%	16,33%	16,04%
	56,50	19,58%	19,17%	18,77%	18,39%	18,03%	<b>17,65%</b>	17,34%	17,02%	16,70%	16,40%	16,11%
	56,75	19,67%	19,25%	18,86%	18,47%	18,11%	<b>17,73%</b>	17,42%	17,09%	16,78%	16,48%	16,18%
	57,00	19,76%	19,34%	18,94%	18,56%	18,19%	<b>17,81%</b>	17,49%	17,17%	16,85%	16,55%	16,26%
	57,25	19,85%	19,43%	19,02%	18,64%	18,27%	<b>17,89%</b>	17,57%	17,24%	16,93%	16,62%	16,33%
	57,50	19,93%	19,51%	19,11%	18,72%	18,35%	<b>17,97%</b>	17,65%	17,32%	17,00%	16,69%	16,40%
	57,75	20,02%	19,60%	19,19%	18,80%	18,43%	<b>18,05%</b>	17,72%	17,39%	17,07%	16,77%	16,47%
	58,00	20,11%	19,68%	19,27%	18,88%	18,51%	<b>18,12%</b>	17,80%	17,47%	17,15%	16,84%	16,54%
	58,25	<b>20,20%</b>	<b>19,77%</b>	<b>19,36%</b>	<b>18,96%</b>	<b>18,59%</b>	<b>18,20%</b>	<b>17,88%</b>	<b>17,54%</b>	<b>17,22%</b>	<b>16,91%</b>	<b>16,61%</b>
	58,50	20,28%	19,85%	19,44%	19,05%	18,67%	<b>18,28%</b>	17,96%	17,62%	17,30%	16,98%	16,68%
	58,75	20,37%	19,94%	19,53%	19,13%	18,75%	<b>18,36%</b>	18,03%	17,69%	17,37%	17,06%	16,75%
	59,00	20,46%	20,02%	19,61%	19,21%	18,83%	<b>18,44%</b>	18,11%	17,77%	17,44%	17,13%	16,83%
	59,25	20,55%	20,11%	19,69%	19,29%	18,91%	<b>18,52%</b>	18,19%	17,85%	17,52%	17,20%	16,90%
	59,50	20,63%	20,20%	19,78%	19,37%	18,99%	<b>18,59%</b>	18,26%	17,92%	17,59%	17,27%	16,97%
	59,75	20,72%	20,28%	19,86%	19,46%	19,07%	<b>18,67%</b>	18,34%	18,00%	17,67%	17,35%	17,04%
60,00	20,81%	20,37%	19,94%	19,54%	19,15%	<b>18,75%</b>	18,42%	18,07%	17,74%	17,42%	17,11%	
60,25	20,90%	20,45%	20,03%	19,62%	19,23%	<b>18,83%</b>	18,49%	18,15%	17,81%	17,49%	17,18%	
60,50	20,99%	20,54%	20,11%	19,70%	19,31%	<b>18,91%</b>	18,57%	18,22%	17,89%	17,57%	17,25%	
60,75	21,07%	20,63%	20,20%	19,79%	19,39%	<b>18,99%</b>	18,65%	18,30%	17,96%	17,64%	17,33%	

### AC17 – Bonar 2117 (Ley NY)

Precio del 18-oct-19	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio			Vencimiento	
				Monto	%					Renta	Amortización			
3.465,00	pesos	12,82%	8,23x	100,00	100,00%	2,26	102,26	58,17%	7,125%	28-dic-2019	3,56	28-jun-2117	100,00	28-jun-2117

Tipo de cambio simulado: **58,25**

- AC17- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.415	3.425	3.435	3.445	3.455	3.465,00	3.475	3.485	3.495	3.505	3.515
TIPO DE CAMBIO SIMULADO	55,75	12,43%	12,39%	12,35%	12,31%	12,27%	<b>12,23%</b>	12,20%	12,16%	12,12%	12,09%	12,05%
	56,00	12,49%	12,45%	12,41%	12,37%	12,33%	<b>12,29%</b>	12,26%	12,22%	12,18%	12,14%	12,11%
	56,25	12,54%	12,51%	12,47%	12,43%	12,39%	<b>12,35%</b>	12,31%	12,28%	12,24%	12,20%	12,16%
	56,50	12,60%	12,57%	12,53%	12,49%	12,45%	<b>12,41%</b>	12,37%	12,33%	12,30%	12,26%	12,22%
	56,75	12,66%	12,62%	12,59%	12,55%	12,51%	<b>12,47%</b>	12,43%	12,39%	12,35%	12,32%	12,28%
	57,00	12,72%	12,68%	12,64%	12,61%	12,57%	<b>12,53%</b>	12,49%	12,45%	12,41%	12,37%	12,34%
	57,25	12,78%	12,74%	12,70%	12,66%	12,63%	<b>12,59%</b>	12,55%	12,51%	12,47%	12,43%	12,40%
	57,50	12,84%	12,80%	12,76%	12,72%	12,68%	<b>12,64%</b>	12,61%	12,57%	12,53%	12,49%	12,45%
	57,75	12,90%	12,86%	12,82%	12,78%	12,74%	<b>12,70%</b>	12,66%	12,63%	12,59%	12,55%	12,51%
	58,00	12,96%	12,92%	12,88%	12,84%	12,80%	<b>12,76%</b>	12,72%	12,68%	12,65%	12,61%	12,57%
	58,25	<b>13,02%</b>	<b>12,98%</b>	<b>12,94%</b>	<b>12,90%</b>	<b>12,86%</b>	<b>12,82%</b>	<b>12,78%</b>	<b>12,74%</b>	<b>12,70%</b>	<b>12,67%</b>	<b>12,63%</b>
	58,50	13,08%	13,04%	13,00%	12,96%	12,92%	<b>12,88%</b>	12,84%	12,80%	12,76%	12,72%	12,68%
	58,75	13,14%	13,10%	13,06%	13,02%	12,98%	<b>12,94%</b>	12,90%	12,86%	12,82%	12,78%	12,74%
	59,00	13,20%	13,16%	13,12%	13,08%	13,04%	<b>13,00%</b>	12,96%	12,92%	12,88%	12,84%	12,80%
	59,25	13,26%	13,22%	13,18%	13,14%	13,10%	<b>13,06%</b>	13,02%	12,98%	12,94%	12,90%	12,86%
59,50	13,32%	13,28%	13,24%	13,20%	13,16%	<b>13,12%</b>	13,08%	13,04%	13,00%	12,96%	12,92%	
59,75	13,38%	13,34%	13,30%	13,26%	13,22%	<b>13,18%</b>	13,13%	13,09%	13,05%	13,01%	12,97%	
60,00	13,44%	13,40%	13,36%	13,32%	13,28%	<b>13,23%</b>	13,19%	13,15%	13,11%	13,07%	13,03%	
60,25	13,50%	13,46%	13,42%	13,38%	13,33%	<b>13,29%</b>	13,25%	13,21%	13,17%	13,13%	13,09%	
60,50	13,56%	13,52%	13,48%	13,44%	13,39%	<b>13,35%</b>	13,31%	13,27%	13,23%	13,19%	13,15%	
60,75	13,62%	13,58%	13,54%	13,50%	13,45%	<b>13,41%</b>	13,37%	13,33%	13,29%	13,25%	13,21%	

