## **Roteiro Exercício – Ajustes Diários CME**

Mês	Jan	Fev	Mar	Abr	Mai	Jun	Jul	Ago	Set	Out	Nov	Dez
Código	F	G	Н	J	К	М	Ν	Q	U	V	Х	Z

Entrar no site da CME Group (<u>http://www.cmegroup.com/</u>)

i. Ir para aba <u>Trading</u> e entrar em <u>Agricultural</u>



## ii. Selecione o produto desejado como no exemplo abaixo

CME Group		Trading	g (	Clearin	ıg	Regulat	ion	Da	ta	Education	About		୍ 🛽
	Featured	Gra	ains and (	Dilseed	is	Livestock	D	airy	Lumber	Softs	Biofuels	Find a Broker	
207	All market data co as a complement	ontained witi to, real-time	hin the CME ( market data	Group wet feeds.	osite should l	oe considered a	as a refer	rence only a	nd should no	be used as valid	ation against, nor	Market Reports	
•	Product Com Futures	Code ZCK7	Contract MAY 2017	OPT	Last -	Change	Chart	Open	High -	Low	Globex Vol	Com Reports     Soybean Reports	
G+	Mini-Corn Futures	хск7	MAY 2017		-			-	-	-	0	El Wheat Reports	
+ 4.7K	Chicago SRW Wheat Futures	ZWK7	MAY 2017	OPT	-	-		-	-	-	0	Tools	
	KC HRW Wheat Futures	KEK7	MAY 2017	OPT	-	-	a	-			0	<ul> <li>Øpen Interest</li> <li>Roll Analyzer</li> </ul>	
	Soybean Futures	ZSK7	MAY 2017	OPT					•		0	CFTC Commitment of Traders	
	Mini Soybean Futures	ХКК7	MAY 2017		-	-	a				0	<ul> <li>Interactive Expiration Calendar</li> <li>Conversion Calculators</li> </ul>	
	Soybean Meal Futures	ZMK7	MAY 2017	OPT						-	0	Subscribe	
	Soybean Oil Futures	ZLK7	MAY 2017	OPT	-	-		-	3	-	0	Daily Market Reports	
	Cate Euluroe	7047	MAY							-	0		

iii. Em seguida, haverá na tela informações relativas aos valores de fechamento, abertura, alta, baixa e o preço de ajuste do dia

			0,0		1.05	- Action				lour of	
orn f obex	utur	es Q	uote	S			View	w <mark>An</mark> oth	er Produ	ct	
Quotes	Settle	ments	Volu	me Ti	me & S	ales	Contra	act Spec	cs Ma	irgins	Calenda
Glol Futu	bex ires	Glob Optic	ex ons	Open C Optic	utcry ons			4	Auto Refr	esh Is	
alidation a olume are iarket acti	gainst, nor a provided fo vity.	as a comple r web user	ement to, s only and	real-time ma 1 are not pul	arket data olished on	feeds. Set Market Da	tlement p ata Platfor	rices on ins m (MDP).	struments wi These price	ithout ope is are not	n interest or based on
Month	Ontions	Charte	Last	Change	Prior	Onen	High	Low	Volume	Hi/ Low	Undeted
Month AY 2017	Options OPT	Charts	Last 361'4	Change +0'2	Prior Settle 361'2	<b>Open</b> 361'2	High 361'4	Low 361'2	Volume 769	Hi / Low Limit 386'2 / 336'2	Updated 19:02:18 CT 21 Mar 2017
Month IAY 2017 UL 2017	Options OPT OPT	Charts	Last 361'4 369'0	Change +0'2 +0'2	Prior Settle 361'2 368'6	<b>Open</b> 361'2 368'6	High 361'4 369'0	Low 361'2 368'6	<b>Volume</b> 769 226	Hi / Low Limit 386°2 / 336°2 393°6 / 343°6	Updated 19:02:18 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017
Month AY 2017 UL 2017 EP 2017	Options OPT OPT	Charts Charts	Last 361'4 369'0 376'4	Change +0'2 +0'2 +0'2	Prior           Settle           361'2           368'6           376'2	<b>Open</b> 361'2 368'6 376'2	High 361'4 369'0 376'4	Low 361'2 368'6 376'2	Volume 769 226 622	Hi / Low Limit 3862 / 3362 3936 / 3436 4012 / 3512	Updated 19:02:18 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017
Month IAY 2017 UL 2017 EP 2017 EC 2017	Options OPT OPT OPT OPT	Charts Ch	Last 361'4 369'0 376'4 384'6	Change +0'2 +0'2 +0'2 +0'2	Prior           Settle           361'2           368'6           376'2           384'4	<b>Open</b> 361'2 368'6 376'2 384'4	High 361'4 369'0 376'4 384'6	Low 361'2 368'6 376'2 384'4	Volume 769 226 622 236	Hi / Low Limit 386'2 / 336'2 393'6 / 343'6 401'2 / 351'2 409'4 / 359'4	Updated 19:02:18 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017
Month IAY 2017 UL 2017 EP 2017 EC 2017 AR 2018	Options OPT OPT OPT OPT OPT	Charts a a a a a a a a a a a a a a a a a a a	Lesti 361'4 369'0 376'4 384'6 394'0	Change +0'2 +0'2 +0'2 +0'2 +0'2 0	Prior           Settle           361'2           368'6           376'2           384'4           394'0	Ореп 361'2 368'6 376'2 384'4 393'6	High 361'4 369'0 376'4 384'6 394'0	Low 361'2 368'6 376'2 384'4 393'6	Volume 769 226 622 236 3	Hi / Low Limit 386'2 / 336'2 393'6 / 343'6 401'2 / 351'2 409'4 / 359'4 419'0 / 369'0	Updated 19:02:18 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:01:43 CT 21 Mar 2017 19:00:30 CT 21 Mar 2017

iv. Ao clicar na aba <u>Settlements</u> é possível obter os preços de ajuste dos últimos 5 dias;

Corn Futures Settlements       View Another Product         Guotes       Settlements       Volume       Time & Sales       Contract Specs       Margins       Cale         Futures       Options         Trade Date: Tuesday, 21 Mar 2017 (Final)         All market data contained within the CME Group website should be considered as a reference and should not be used as validation against, nor as a complement to, real-time market data for Settlement prices on instruments without open interest or volume are provided for web users or and are not published on Market Data Platform (MDP). These prices are not based on market activity.         Month       Open       High       Low       Last       Change       Settle       Volume       Prior Day interactivity.         MAY 17       3634       3640       3592       3610       -22       3612       143,182       Of interactivity.         MAY 17       3710       3716       3666       3680       -24       3686       52,845       33         SEP 17       3784       3792       3742       3764       -22       3762       23,979       14         MAR 18       3956       3966       3924       3936       -20       3940       2,949       14         MAY 18       3994       4012       3974A       3868       -16 <td< th=""><th></th><th>Trad</th><th>ing</th><th>Clearing</th><th>Regula</th><th>tion</th><th>Data</th><th>Educatio</th><th>on Abo</th></td<>		Trad	ing	Clearing	Regula	tion	Data	Educatio	on Abo
QuotesSettlementsVolumeTime & SalesContract SpecsMarginsCaleFuturesOptionsTrade Date:Tuesday, 21 Mar 2017 (Final)TAll market data contained within the CME Group website should be considered as a reference and should not be used as validation against, nor as a complement to, real-time market data for Settlement prices on instruments without open interest or volume are provided for web users or and are not published on Market Data Platform (MDP). These prices are not based on market data for SettleMonthOpenHighLowLastChangeSettleEstimated VolumePrior Day InteredMAY 173634364035923610-223612143,18266JLY 173710371636663680-24368652,84533SEP 173784379237423764-22376223,97914DEC 173860387238263840-16384440,06122MAR 183956396639243936-2039402,94914MAY 18399440123974A3986B-16398652214JLY 1840304044B40064022-204020574574	Corn	Future	es Set	tlemer	nts		√iew Anoth	ner Product	•
FuturesOptionsTrade Date: Tuesday, 21 Mar 2017 (Final)All market data contained within the CME Group website should be considered as a reference and should not be used as validation against, nor as a complement to, real-time market data for Settlement prices on instruments without open interest or volume are provided for web users or and are not published on Market Data Platform (MDP). These prices are not based on market activity.MonthOpenHighLowLastChangeSettleVolumePrior Day NinteredMAY 173634364'0359'2361'0-2'2361'2143,1826'JLY 17371'6366'6368'0-2'4368'652,8453'SEP 17378'4379'2374'2376'4-2'2376'223,9791'DEC 17386'0387'2382'6384'0-1'6384'440,06i2'MAR 18395'6396'6392'4393'6-2'0394'02,9491'JLY 18403'0404'4B400'6402'2-2'0402'05741'	Quotes	Settler	nents \	/olume	Time & Sales	Co	ntract Spe	cs Margins	Calendar
Tuesday, 21 Mar 2017 (Final)All market data contained within the CME Group website should be considered as a reference and should not be used as validation against, nor as a complement to, real-time market data for Settlement prices on instruments without open interest or volume are provided for web users or and are not published on Market Data Platform (MDP). These prices are not based on market data for Market data are not published on SettleMonthOpenHighLowLastChangeSettleEstimated VolumePrior Day Interest or Volume are provided for web users or and are not published on SettleSettleSettlePrior Day Interest or Volume are provided for web users or and are not published on SettleMAY 17363'4364'0359'2361'0-2'2361'2143,182Getterest or VolumeMAY 17371'0371'6366'6368'0-2'4368'652,84533'1'1'1'1'1'1'1'1'1'1'1'1''1''''''''''	Fut	ures	Options						
All market data contained within the CME Group website should be considered as a reference and should not be used as validation against, nor as a complement to, real-time market data for Settlement prices on instruments without open interest or volume are provided for web users of and are not published on Market Data Platform (MDP). These prices are not based on market activity.Prior Day Interest 363'4MonthOpenHighLowLastChangeSettleEstimated VolumePrior Day InterestMAY 17363'4364'0359'2361'0-2'2361'2143,18266'JLY 17371'0371'6366'6368'0-2'4368'652,84533'SEP 17378'4379'2374'2376'4-2'2376'223,9791DEC 17386'0387'2382'6384'0-1'6384'440,0612MAY 18399'4401'2397'4A398'6B-1'6398'652,2452JLY 18403'0404'4B400'6402'2-2'0402'0574	Trade	e Date: T	uesday, 21	Mar 2017	(Final)	•			
Month         Open         High         Low         Last         Change         Settle         Ootline         Interv           MAY 17         363'4         364'0         359'2         361'0         -2'2         361'2         143,182         6'           JLY 17         371'0         371'6         366'6         368'0         -2'4         368'6         52,845         3'           SEP 17         378'4         379'2         374'2         376'4         -2'2         376'2         23,979         1'           DEC 17         386'0         387'2         382'6         384'0         -1'6         384'4         40,061         2'           MAR 18         395'6         396'6         392'4         393'6         -2'0         394'0         2,949         1'           MAY 18         399'4         401'2         397'4A         398'6B         -1'6         398'6         522         1'           JLY 18         403'0         404'4B         400'6         402'2         -2'0         402'0         574	Settlem	ent prices	on instrum	alidation ag ients witho	gainst, nor as a ut open intere	a compl st or vol	ement to, i ume are p	real-time marke rovided for web	et data feeds. o users only
JLY 17         371'0         371'6         366'6         368'0         -2'4         368'6         52,845         35           SEP 17         378'4         379'2         374'2         376'4         -2'2         376'2         23,979         1           DEC 17         386'0         387'2         382'6         384'0         -1'6         384'4         40,061         22           MAR 18         395'6         396'6         392'4         393'6         -2'0         394'0         2,949         2           MAY 18         399'4         401'2         397'AA         398'6B         -1'6         398'6         522         2         2         2         398'6         522         2         2         3	Settlem and are activity.	ond not be ent prices not publis	used as v on instrum hed on Ma	alidation ag nents witho arket Data F	gainst, nor as a ut open intere: Platform (MDF	a compl st or vol ). Thes	lement to, i lume are p e prices ar	real-time marke rovided for wet re not based or Estimated	et data feeds. o users only n market Prior Day Oper
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MAR 18         395'6         396'6         392'4         393'6         -2'0         394'0         2,949           MAY 18         399'4         401'2         397'4A         398'6B         -1'6         398'6         522           JLY 18         403'0         404'4B         400'6         402'2         -2'0         402'0         574	Month MAY 17 JLY 17 SEP 17	Open 363'4 371'0 378'4	used as v on instrum hed on Ma <u>High</u> 364'0 371'6 379'2	alidation ag nents witho arket Data F 359'2 366'6 374'2	Last C 368'0 -2' 376'4 -2'	a compl st or vol ?). Thes Change 2 4	ement to, lume are p e prices ar <u>Settle</u> 361'2 368'6 376'2	real-time marker rovided for web re not based or Estimated Volume 143,182 52,845 23,979	Prior Day Oper Interest 607,48 359,31 157,56
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	Month MAY 17 JLY 17 SEP 17 DEC 17 MAR 18 MAY 18	Open           363'4           371'0           378'4           386'0           395'6           399'4	used as v on instrum           High           364'0           371'6           379'2           387'2           396'6           401'2	alidation ag ents witho arket Data F 359'2 366'6 374'2 382'6 392'4 392'4	Last         C           361'0         -2"           368'0         -2"           376'4         -2"           384'0         -1"           393'6         -2"	a compl st or vol ). Thes ). Thes 2 4 2 6 6 0 6	Settle           361'2           368'6           376'2           384'4           394'0           398'6	real-time marker rovided for web re not based or Estimated Volume 143,182 52,845 23,979 40,061 2,949 522	Prior Day Open Interest 607,48 359,31 157,56 210,86 41,22 5,80
SEP 18 2'0 395'4 0	Month MAY 17 JLY 17 SEP 17 DEC 17 MAR 18 MAY 18 JLY 18	Open           363'4           371'0           378'4           386'0           395'6           399'4           403'0	used as v on instrum           High           364'0           371'6           379'2           387'2           396'6           401'2           404'4B	alidation agents witho arket Data F 359'2 366'6 374'2 382'6 392'4 397'4A 400'6	Last         C           361'0         -2"           368'0         -2"           376'4         -2"           384'0         -1"           393'6         -2"           398'6B         -1"	a compl st or vol ?). Thes 2 4 2 6 0 6 0 0	Settle           361'2           368'6           376'2           384'4           394'0           398'6           402'0	real-time marker rovided for web re not based or Estimated Volume 143,182 23,979 40,061 2,949 522 574	Prior Day Open Interest 607,480 359,310 157,569 210,860 41,223 5,803 13,654

v. Os valores apresentados estão em bushel/saca no caso do milho e da soja, devendo-se realizar as conversões necessárias conforme a tabela a seguir.

Commodity	Transf	ormar	Multiplicar pelo fator
commonly	De	Para	de conversão*
Colo	Us\$/sc	Us\$⊄/bu	45,36
Soja	Us\$¢/bu	Us\$/t	36,7437
A dillo	R\$/sc	Us\$⊄/bu	42,335 / Taxa de câmbio
Milno	Us\$¢/bu	Us\$/t	39,36825
C-44	Us\$/sc	Us\$¢/lb	0,7560
Care	Us\$⊄/lb	Us\$/t	22,0459
	Us\$/sc	Us\$¢/lb	0,9072
Açucar	Us\$⊄/lb	Us\$/long t	22,3969
Etanol	Us\$/m <sup>3</sup>	Us\$¢/gal	0,3785
Óleo de soja	US\$/gal US <b>\$¢/lb</b>	Us <b>\$</b> /t	22,0459
Farelo de soja	Us\$/short t	Us\$/t	1,102311

vi. Selecione uma data de vencimento para o contrato e faça os cálculos sempre para a mesma data de vencimento e a mesma referência do resumo, usando as seguintes fórmulas:

Ajustes para o vendido	Ajustes para o comprado
AD=-(PA <sub>t</sub> - PO) x tamanho x n (1)	AD=(PA <sub>t</sub> - PO) x tamanho x n (1)
$AD = -(PA_t - PA_{t-1}) x tamanho x n (2)$	$AD = (PA_t - PA_{t-1}) x tamanho x n (2)$
AD=(PA <sub>t-1</sub> -PO) x tamanho x n (3)	AD=-(PA <sub>t-1</sub> -PO) x tamanho x n (3)
AT = -(Pfinal-Pinicial) x tamanho x n (4)	AT= (Pfinal-Pinicial) x tamanho x n (4)

vii. Atenção para o tamanho do contrato, ele pode ser obtido no site da CME Group em Trading > Agricultural > produto desejado > Contract Specs

Por Priscila de Oliveira