

QB Product Universe - Exchange

CME GROUP		
Product	BBG	Asset Class
Corn	C A Comdty	Agriculture
Feeder Cattle	FCA Comdty	Agriculture
Live Cattle	LCA Comdty	Agriculture
Hard Red Spring Wheat	MWA Comdty	Agriculture
Kansas City HRW Wheat	KWA Comdty	Agriculture
Wheat	W A Comdty	Agriculture
Wheat IC Spread (CKW)	KWW_ Comdty	Agriculture
Soybean Meal	SMA Comdty	Agriculture
Soybean Oil	BOA Comdty	Agriculture
Soybeans	S A Comdty	Agriculture
Lean Hogs	LHA Comdty	Agriculture
Brent Crude Oil	BZAA Comdty	Energy
Crude Oil	CLA Comdty	Energy
E-mini Crude Oil	EC Comdty	Energy
Heating Oil	HOA Comdty	Energy
Last Day Nat Gas	IWA Comdty	Energy
Natural Gas	NGA Comdty	Energy
Natural Gas Penultimate	ZAA Comdty	Energy
WTI-BRENT Spread	CLBZA Comdty	Energy
RBOB Unleaded Gasoline	XBA Comdty	Energy
RBOB vs Heating Oil Spread	XBA-HOA Comdty	Energy
RBOB vs Crude Oil Spread	XBACLA Comdty	Energy
Heating Oil vs Crude Oil Spread	HOACLA Comdty	Energy
E-mini Dow (\$5)	DMA Index	Equity
E-mini NASDAQ	NQA Index	Equity
Micro E-mini Nasdaq - 100	HWB Index	Equity
E-mini S&P	ESA Index	Equity
Micro E-mini S&P 500	HWA Index	Equity
E-mini S&P Midcap	FAA Index	Equity
Micro E-mini Russell 2000	HWR Index	Equity
Russell 2000	RTYA Index	Equity
USD Denominated Nikkei 225	NXA Index	Equity
Yen Denominated Nikkei 225	NHA Index	Equity
E-mini S&P Communication Services Select Sector Index Futures	XASA Index	Equity
E-mini S&P Consumer Discretionary Select Sector Futures	IXYA Index	Equity
E-mini S&P Consumer Staples Select Sector Futures	IXRA Index	Equity
E-mini S&P Energy Select Sector Futures	IXPA Index	Equity
E-mini S&P Financial Select Sector Futures	IXAA Index	Equity
E-mini S&P Health Care Select Sector Futures	IXCA Index	Equity
E-mini S&P Industrial Select Sector Futures	IXIA Index	Equity
E-mini S&P Materials Select Sector Futures	IXDA Index	Equity
E-mini S&P Real Estate Select Sector Stock Index Futures	XARA Index	Equity
E-mini S&P Technology Select Sector Futures	IXTA Index	Equity
E-mini S&P Utilities Select Sector Futures	IXSA Index	Equity
Bloomberg U.S. Corporate Investment Grade Index Futures	IQBA Index	Equity
Bloomberg U.S. Corporate High Yield Very Liquid Index Futures	HYBA Index	Equity
Bloomberg U.S. Corporate Investment Grade Duration-Hedged Index Futures	DHBA Index	Equity
Bitcoin Futures	BTC Curncy	Financial Instrument
Micro Bitcoin Futures	BMR Curncy	Financial Instrument
30 Day Fed Funds	FFA Comdty	Fixed Income
SOFR 1-Month	SERA Comdty	Fixed Income
SOFR 3-Month	SFRA Comdty	Fixed Income
SOFR 1-Month vs 30 Day Fed Funds	SERFFA Comdty	Fixed Income
2-Year Note	TUA Comdty	Fixed Income
3-Year Note	3YA Comdty	Fixed Income
5-Year Note	FVA Comdty	Fixed Income
10-Year Note	TYA Comdty	Fixed Income
10-Year Ultra Note	UXYA Comdty	Fixed Income
30-Year Bond	USA Comdty	Fixed Income
Ultra Bond	WNA Comdty	Fixed Income
Bloomberg U.S. Corporate Investment Grade Index futures	IQBA Index	Fixed Income
Bloomberg U.S. Corporate High Yield Very Liquid Index Futures	HYBA Index	Fixed Income
Bloomberg U.S. Corporate Investment Grade Duration-Hedged Index Futures	DHBA Index	Fixed Income
Australian Dollar	ADA Curncy	FX
British Pound	BPA Curncy	FX
Canadian Dollar	CDA Curncy	FX
Euro	ECA Curncy	FX
Japanese Yen	JYA Curncy	FX
Mexican Peso	PEA Curncy	FX
New Zealand Dollar	NVA Curncy	FX
Russian Ruble	RU Curncy	FX
Swiss Franc	SFA Curncy	FX
Gold	GCA Comdty	Metal
High Grade Copper	HGA Comdty	Metal
Micro Gold	MGCA Comdty	Metal
Palladium	PAA Comdty	Metal
Platinum	PLA Comdty	Metal
Silver	SIA Comdty	Metal

ICE US		
Product	BBG	Asset Class
Canola	RSA Comdty	Agriculture
Cocoa	CCA Comdty	Agriculture
Coffee 'C'	KCA Comdty	Agriculture
Cotton #2	CTA Comdty	Agriculture
FCOJ-A	JOA Comdty	Agriculture
Sugar #11	SBA Comdty	Agriculture
White Sugar	QWA Comdty	Agriculture
mini MSCI EM Index	MESA Index	Equity
mini MSCI EAFE Index	MFSA Index	Equity
USD Index Future	DXA Curncy	FX

ICE EUROPE		
Product	BBG	Asset Class
Robusta Coffee Future 10-Tonne	DFA Comdty	Agriculture
London Cocoa	QCA Comdty	Agriculture
Brent Crude	COA Comdty	Energy
Dutch TTF Gas	TZTA Comdty	Energy
Emissions	MOA Comdty	Energy
Low Sulphur Gasoil	QSA Comdty	Energy
UK Natural Gas	FNA Comdty	Energy
WTI Brent Spread	ENCO Comdty	Energy
WTI Crude	ENA Comdty	Energy
Heating Oil vs Crude Oil Spread	NVA Comdty CT	Energy
NYH (RBOB) Gasoline Monthly	PGA Comdty	Energy
FTSE 100	Z A Index	Equity
3 month SONIA Index Future	SFIA Comdty	Fixed Income
Euribor	ERA Comdty	Fixed Income
Long Gilt	G A Comdty	Fixed Income

ASX		
Product	BBG	Asset Class
SPI200	XPA Index	Equity
3-Year Bond	YMA Comdty	Fixed Income
10-Year Bond	XMA Comdty	Fixed Income
90-Day Bank Bill	IRA Comdty	Fixed Income

HKEX		
Product	BBG	Asset Class
Hang Seng China Enterprise Index	HCA Index	Equity
Hang Seng Index	HIA Index	Equity
Mini Hang Seng Enterprise Index	MHCA Index	Equity
Mini Hang Seng Index	HUA Index	Equity
MSCI China A50	MCYA Index	Equity

CME GROUP - Options		
Product	BBG	Asset Class
2-Year Note Options	TUA Comdty	Options
2-Year Friday Weekly Options	1-5WA Comdty	Options
2-Year Wednesday Options	TUIA Comdty	Options
5-Year Note Options	FVA Comdty	Options
5-Year Friday Weekly Options	1-5IA Comdty	Options
5-Year Wednesday Options	FVWA Comdty	Options
10-Year Note Options	TYA Comdty	Options
10-Year Friday Weekly Options	1-5MA Comdty	Options
10-Year Wednesday Options	TYYA Comdty	Options
30-Year Bond Options	USA Comdty	Options
30-Year Friday Weekly Options	1-5CA Comdty	Options
30-Year Wednesday Options	USYA Comdty	Options
SOFR Serial/Quarterly Options	SFR Comdty	Options
SOFR 1-Year Mid-Curve Options	OQA Comdty	Options
SOFR 2-Year Mid-Curve Options	2QA Comdty	Options
SOFR 3-Year Mid-Curve Options	3QA Comdty	Options
SOFR 4-Year Mid-Curve Options	4QA Comdty	Options
Crude Oil Option	CLA Comdty	Options
Crude Oil Weekly Options	CLWA Comdty	Options
Gold 100oz Options	GCA Comdty	Options
Gold 100oz Weekly Options	XGCA Comdty	Options
Natural Gas Options (American)	NGA Comdty	Options
Natural Gas Options (European)	GKA Comdty	Options
No. 2 Yellow Corn Options	C Comdty	Options
No. 2 Yellow Corn Weekly Options	1-5XA Comdty	Options
Short-Dated New Crop Corn Options	ODCA Comdty	Options
E-mini S&P 500 Index Friday Weekly	1-4EA<INDEX>	Options
E-mini S&P 500 Index Quarterly Options	ESA<INDEX>	Options

EUREX		
Product	BBG	Asset Class
DAX	GXA Index	Equity
Euro STOXX	VGA Index	Equity
Euro STOXX 50 Dividend	DEDA Index	Equity
Euro STOXX Banks	CAA Index	Equity
STOXX EUROPE 600	SXO Index	Equity
Swiss Market Index	SMA Index	Equity
VSTOXX	FVSA Index	Volatility
Schatz	DUA Comdty	Fixed Income
Bobl	OEA Comdty	Fixed Income
Bund	RXA Comdty	Fixed Income
Buxl	UBA Comdty	Fixed Income
Euro OAT	OATA Comdty	Fixed Income
Long Term BTP (10-Year)	IKA Comdty	Fixed Income
Short Term BTP (3-Year)	BTSA Comdty	Fixed Income
Spanish 10-Year	KOAA Comdty	Fixed Income
Swiss 10-Year	FBA Comdty	Fixed Income

EURONEXT		
Product	BBG	Asset Class
Corn	EPA Comdty	Agriculture
Milling Wheat	CAA Comdty	Agriculture
Rapeseed	IJA Comdty	Agriculture
AEX Stock Index	EOA Index	Equity
Euronext CAC 40 Index	CFA Index	Equity

CBOE		
Product	BBG	Asset Class
Volatility Index Futures	UXA Index	Volatility
SPX Volatility Index TAS Futures	VXTA Index	Volatility

TMX		
Product	BBG	Asset Class
S&P 60 Standard	PTA Index	Equity
3-Month Canadian BA	BAA Comdty	Fixed Income
5-Year Canadian Bond	XQA Comdty	Fixed Income
10-Year Canadian Bond	CNA Comdty	Fixed Income
2-YEAR Gov't of Canada Bond Futures	CVA Comdty	Fixed Income
1-Month CORRA Futures	OORA Comdty	Fixed Income
3-Month CORRA Futures	CORA Comdty	Fixed Income

SGX		
Product	BBG	Asset Class
China A50	XUA Index	Equity
FTSE Taiwan	TWT Index	Equity
IFSC Nifty 50 Index Futures	JGSA Index	Equity
MSCI Singapore	QZA Index	Equity
Nikkei 225	NIA Index	Equity
INE/USD FX Future	XIDA Curncy	FX
USD/CNH China	XUCA Curncy	FX
Iron Ore 62%	SCOA Comdty	Metal

JPX GROUP		
Product	BBG	Asset Class
JPX-Nikkei 400 Index	JPWA Index	Equity
Mini TOPIX Index	TMIA Index	Equity
Nikkei 225	NKA Index	Equity
Nikkei 225 mini	NOA Index	Equity
TOPIX Index	TPA Index	Equity
10-Year Japanese Bond	JBA Comdty	Fixed Income

US CASH TREASURY		
Product	BBG	Asset Class
2-Year Note OTR	CT2 Govt	Cash
3-Year Note OTR	CT3 Govt	Cash
5-Year Note OTR	CT5 Govt	Cash
7-Year Note OTR	CT7 Govt	Cash
10-Year Note OTR	CT10 Govt	Cash
20-Year Note OTR	CT20 Govt	Cash
30-Year Bond OTR	CT30 Govt	Cash