



Index Information

RBC Dynamic Roll Spread D1E0 Index

Section 1. General Information

- **Index Name:** RBC Dynamic Roll Spread D1E0 Index
- **Index Ticker:** RBCAD1E0
- **First Calculation day of the Index:** 03/01/2007
- **Base Level of the Index:** 100

Section 2. List of Included Indices

- Please see Section A1 in Appendix A.

Section 3. Return Multipliers

- **Return Multiplier Method:** Annual
- **Return Multipliers:** Please see Section A1 in Appendix A.

Section 4. Rebalance Schedule

- **Rebalance Schedule:** 1st Index Business Day of Every Month

Index Information – Appendix A

RBC Dynamic Roll Spread D1E0 Index - 01/12/2018

Section A1. Underlying Index and Return Multipliers

Underlying Index	Index Ticker (Bloomberg)	Position	Return Multiplier
RBC Custom Commodity Index - Dynamic Commodity 01	RBCADC01	Long	100%
RBC Enhanced Commodity E0 Index	RBCAECE0	Short	-100%

Index Information

RBC Custom Commodity Index - Dynamic Commodity 01

Section 1. General Information

- **Index Name:** RBC Custom Commodity Index - Dynamic Commodity 01
- **Index Ticker:** RBCADC01
- **Index Type:** Excess Return
- **First Calculation day of the Index:** 01/31/2007
- **Base Level of the Index:** 100

Section 2. List of Included Commodities

- Please see Section A1 in Appendix A.

Section 3. Target Weights of Included Commodities

- **Target Weight Method:** Annual
- **Target Weights for Current Period:** Please see Section A1 in Appendix A.

Section 4. Commodity Sector Weighting

- **Commodity Sector Weighting for Current Period:** Please see Section A2 in Appendix A.

Section 5. Contract Month Selection

- **Contract Month Selection Method:** Dynamic
- **Contract Selection Day:** Negative 7th Index Business Day of Each Month
- **Reference Month Method:** Anchor Month Method
- **Time Count Method:** Calendar Month Method
- **Calculation Formula Method:** Continuous Method
- **No Roll Back:** Enabled
- **Order of Optimal Basket:** Please see the Table 5.1 below.

Table 5.1: Order of Optimal Basket

Index Commodity	Order of Optimal Basket
Aluminum	3
Coffee	3
Copper (Comex)	3
Corn	3
Cotton	2
Crude – Brent	3
Crude – WTI	3
Gold	3
Heating Oil	3
Lean Hogs	3

Live Cattle	3
Natural Gas	3
Nickel	3
Silver	3
Soybeans	3
Soybean Meal	2
Soybean Oil	3
Sugar	3
Unleaded Gasoline	3
Wheat	3
Zinc	3

- **Eligible Contract Months and Anchor Month for Each Index Commodity:** Please see the Table 5.2.x below.

Table 5.2.1: Aluminum Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
5	N1	Q1	U1	V1	Z1	Z1	F2	G2	H2	J2	M2	M2
6	U1	U1	Z1	Z1	F2	F2	H2	H2	M2	M2	N2	U2
7	Z1	Z1	M2	M2	M2	M2	M2	M2	U2	U2	U2	Z2
8	Z2	Z2	Z2	Z2	Z2	Z2	Z2	Z2	Z2	Z2	Z2	

Table 5.2.2: Coffee Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1		U1			Z1	
1		K1		N1		U1		Z1			H2	
2		N1		U1		Z1		H2			K2	
3		U1		Z1		H2		K2			N2	
4		Z1		H2		K2		Z2			Z2	

Table 5.2.3: Copper (Comex) Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1		U1			Z1	
1		K1		N1		U1		Z1			H2	
2		N1		U1		Z1		H2			K2	
3		U1		Z1		H2		K2			N2	
4		Z1		H2		K2		Z2			Z2	

Table 5.2.4: Corn Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1		U1			Z1	
1		K1		N1		U1		Z1			H2	
2		N1		U1		Z1		H2			K2	
3		U1		Z1		H2		K2			N2	
4		Z1		H2		K2		N2			Z2	

Table 5.2.5: Cotton Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1					Z1	
1		K1		N1		Z1					H2	
2		N1		Z1		H2					K2	
3		Z1									N2	

Table 5.2.6: Crude – Brent Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
2	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
3	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
4	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2	M2
5	U1	U1	V1	X1	Z1	F2	G2	H2	J2	K2	M2	U2
6	Z1	Z1	Z1	Z1	F2	G2	H2	M2	M2	M2	Z2	Z2

Table 5.2.7: Crude – WTI Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
5	U1	U1	U1	V1	X1	Z1	F2	G2	H2	J2	K2	M2
6	Z1	Z1	Z1	Z1	Z1	F2	G2	H2	M2	M2	M2	Z2

Table 5.2.8: Gold Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1		J1		M1		Q1				Z1	
1	J1		M1		Q1		Z1				G2	
2	M1		Q1		Z1		G2				J2	

3	Q1		Z1		G2		J2				M2	
4	Z1		G2		J2		M2				Q2	

Table 5.2.9: Heating Oil Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2

Table 5.2.10: Lean Hogs Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1		J1		M1		Q1		V1		Z1	
1	J1		M1		Q1		V1		Z1		G2	
2	M1		Q1		V1		Z1		G2		J2	
3	Q1		V1		Z1		G2		J2		M2	
4	V1		Z1		G2		J2		M2			

Table 5.2.11: Live Cattle Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1		J1		M1		Q1		V1		Z1	
1	J1		M1		Q1		V1		Z1		G2	
2	M1		Q1		V1		Z1		G2		J2	
3	Q1		V1		Z1		G2		J2		M2	
4	V1		Z1		G2		J2		M2			

Table 5.2.12: Natural Gas Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
5	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2	M2
6	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2	M2	N2
7	V1	V1	X1	Z1	F2	G2	H2	J2	K2	M2	N2	V2
8	Z1	Z1	Z1	F2	G2	H2	J2	K2	M2	N2	V2	Z2
9	F2	F2	F2	H2	H2	J2	K2	V2	V2	V2	Z2	
10	H2	H2	H2	J2	J2		V2	Z2	Z2	Z2		

Table 5.2.13: Nickel Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
5	N1	Q1	U1	V1	Z1	Z1	F2	G2	H2	J2	K2	M2

Table 5.2.14: Silver Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1		U1			Z1	
1		K1		N1		U1		Z1			H2	
2		N1		U1		Z1		H2			K2	
3		U1		Z1		H2		K2			N2	
4		Z1		H2		K2		Z2			Z2	

Table 5.2.15: Soybeans Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1				X1		F2
1		K1		N1		X1				F2		H2
2		N1		X1		F2				H2		K2
3		X1		F2		H2				K2		N2
4						X2				X2		X2

Table 5.2.16: Soybean Meal Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1					Z1	
1		K1		N1		Z1					H2	
2		N2		Z1		F2					K2	

Table 5.2.17: Soybean Oil Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1					Z1	
1		K1		N2		Z1					H2	
2		N2		Z1		F2					K2	
3		Z1		F2		H2					N2	

Table 5.2.18: Sugar Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1			V1			
1		K1		N1		V1			H2			
2		N1		V1		H2			K2			
3		V1		H2		K2			N2			
4		H2										

Table 5.2.19: Unleaded Gasoline Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2

Table 5.2.20: Wheat Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)		H1		K1		N1		U1			Z1	
1		K1		N1		U1		Z1			H2	
2		N1		U1		Z1		H2			K2	
3		U1		Z1		H2		K2			N2	
4		Z1		H2		K2		N2			Z2	

Table 5.2.21: Zinc Eligible Contract Months

Eligible Contract Months	Reference Months											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 (Anchor)	G1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2
1	H1	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2
2	J1	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2
3	K1	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2
4	M1	N1	Q1	U1	V1	X1	Z1	F2	G2	H2	J2	K2
5	N1	Q1	U1	V1	Z1	Z1	F2	G2	H2	J2	K2	M2

Section 6. Hedge Roll Weight Schedule

- **Hedge Roll Weight Method:** [Static](#)
- **Hedge Roll Weight Schedule:** Please see Table 6.1 below.

Table 6.1: Hedge Roll Weight Schedule

	Business Day Count					
	-6	-5	-4	-3	-2	-1
Any Index Commodity	1	4/5	3/5	2/5	1/5	0

Section 7. Portfolio Weight Generation

- **Portfolio Weight Generation Method:** [Method 1](#)
- **Portfolio Weight Generated for Current Period:** Please see Section A1 in Appendix A.
- **Rebalance Reference Month:** [Every February](#)
- **Rebalance Calculation Day:** [Negative 7th Index Business Day in each Rebalance Reference Month](#)
- **Reference Commodity:** [Gold, with Portfolio Weight = 100](#)

Index Information – Appendix A

RBC Custom Commodity Index - Dynamic Commodity 01 - 01/12/2018

Section A1: Index Commodities, Target Weights and Generated Portfolio Weights

Index Commodity	Exchange	Symbol (Bloomberg)	Target Weight (%)	Generated Portfolio Weight
Aluminum	LME	LA	4.84%	28.03
Coffee	ICE	KC	2.51%	17480.74
Copper (Comex)	COMEX	HG	7.69%	31315.5
Corn	CBOT	C	7.52%	21741.5
Cotton	ICE	CT	1.4%	20552.92
Crude – Brent	ICE	CO	7.61%	1438.82
Crude – WTI	NYMEX	CL	6.84%	1374.07
Gold	COMEX	GC	11.3%	100
Heating Oil	NYMEX	HO	3.65%	23431.91
Lean Hogs	CME	LH	2.2%	34381.46
Live Cattle	CME	LC	4.05%	36380.06
Natural Gas	NYMEX	NG	7.66%	25480.81
Nickel	LME	LN	2.36%	2.61
Silver	COMEX	SI	4.17%	2616.65
Soybeans	CBOT	S	6.16%	6165.1
Soybean Meal	CBOT	SM	3.19%	97.9
Soybean Oil	CBOT	BO	2.77%	84299.24
Sugar	ICE	SB	3.25%	171997.37
Unleaded Gasoline	NYMEX	XB	3.56%	23842.71
Wheat	CBOT	W	4.49%	11198.79
Zinc	LME	LX	2.79%	10.8

Section A2: Commodity Sector Weightings

Commodity Sector	Weighting
Energy	29.3%
Base Metals	17.68%
Precious Metals	15.47%
Grains	24.13%
Softs	7.16%
Livestock	6.25%

Index Information

RBC Enhanced Commodity E0 Index

Section 1. General Information

- **Index Name:** RBC Enhanced Commodity E0 Index
- **Index Ticker:** RBCAECE0
- **Index Type:** Excess Return
- **First Calculation day of the Index:** 01/17/2007
- **Base Level of the Index:** 100

Section 2. List of Included Commodities

- Please see Section A1 in Appendix A.

Section 3. Target Weights of Included Commodities

- **Target Weight Method:** Annual
- **Target Weights for Current Period:** Please see Section A1 in Appendix A.

Section 4. Commodity Sector Weighting

- **Commodity Sector Weighting for Current Period:** Please see Section A2 in Appendix A.

Section 5. Contract Month Selection

- **Contract Month Selection Method:** Static
- **Contract Months:** Please see Table 5.1 below.

Table 5.1: Contract Months

Index Commodity	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Aluminum	H	H	K	K	N	N	U	U	X	X	F	F
Coffee	H	H	K	K	N	N	U	U	Z	Z	Z	H
Copper (Comex)	H	H	K	K	N	N	U	U	Z	Z	Z	H
Corn	H	H	K	K	N	N	U	U	Z	Z	Z	H
Cotton	H	H	K	K	N	N	Z	Z	Z	Z	Z	H
Crude – Brent	H	K	K	N	N	U	U	X	X	F	F	H
Crude – WTI	H	H	K	K	N	N	U	U	X	X	F	F
Gold	G	J	J	M	M	Q	Q	Z	Z	Z	Z	G
Heating Oil	H	H	K	K	N	N	U	U	X	X	F	F
Lean Hogs	G	J	J	M	M	N	Q	V	V	Z	Z	G
Live Cattle	G	J	J	M	M	Q	Q	V	V	Z	Z	G
Natural Gas	H	H	K	K	N	N	U	U	X	X	F	F
Nickel	H	H	K	K	N	N	U	U	X	X	F	F
Silver	H	H	K	K	N	N	U	U	Z	Z	Z	H
Soybeans	H	H	K	K	N	N	X	X	X	X	F	F
Soybean Meal	H	H	K	K	N	N	Z	Z	Z	Z	F	F

Soybean Oil	H	H	K	K	N	N	Z	Z	Z	Z	F	F
Sugar	H	H	K	K	N	N	V	V	V	H	H	H
Unleaded Gasoline	H	H	K	K	N	N	U	U	X	X	F	F
Wheat	H	H	K	K	N	N	U	U	Z	Z	Z	H
Zinc	H	H	K	K	N	N	U	U	X	X	F	F

Section 6. Hedge Roll Weight Schedule

- **Hedge Roll Weight Method:** [Static](#)
- **Hedge Roll Weight Schedule:** Please see Table 6.1 below.

Table 6.1: Hedge Roll Weight Schedule

	Business Day Count					
	4	5	6	7	8	9
Any Index Commodity	1	4/5	3/5	2/5	1/5	0

Section 7. Portfolio Weight Generation

- **Portfolio Weight Generation Method:** [Method 1](#)
- **Portfolio Weight Generated for Current Period:** Please see Section A1 in Appendix A.
- **Rebalance Reference Month:** [Every January](#)
- **Rebalance Calculation Day:** [4th Index Business Day in each Rebalance Reference Month](#)
- **Reference Commodity:** [Gold, with Portfolio Weight = 100](#)

Index Information – Appendix A

RBC Enhanced Commodity E0 Index - 01/12/2018

Section A1: Index Commodities, Target Weights and Generated Portfolio Weights

Index Commodity	Exchange	Symbol (Bloomberg)	Target Weight (%)	Generated Portfolio Weight
Aluminum	LME	LA	4.50%	22.67
Coffee	ICE	KC	2.60%	22448.74
Copper (Comex)	COMEX	HG	7.15%	24536.32
Corn	CBOT	C	6.13%	19331.67
Cotton	ICE	CT	1.45%	20627.17
Crude – Brent	ICE	CO	7.57%	1257.29
Crude – WTI	NYMEX	CL	7.31%	1319.30
Gold	COMEX	GC	11.97%	100
Heating Oil	NYMEX	HO	3.66%	19856.53
Lean Hogs	CME	LH	2.21%	32173.36
Live Cattle	CME	LC	4.36%	40020.50
Natural Gas	NYMEX	NG	8.00%	32316.48
Nickel	LME	LN	2.76%	2.44
Silver	COMEX	SI	3.67%	2352.13
Soybeans	CBOT	S	5.95%	6795.61
Soybean Meal	CBOT	SM	3.03%	104.38
Soybean Oil	CBOT	BO	2.74%	90104.23
Sugar	ICE	SB	3.53%	259596.87
Unleaded Gasoline	NYMEX	XB	3.75%	22966.41
Wheat	CBOT	W	4.56%	11727.65
Zinc	LME	LX	3.09%	10.20

Section A2: Commodity Sector Weightings

Commodity Sector	Weighting
Energy	30.29%
Base Metals	17.50%
Precious Metals	15.64%
Grains	22.41%
Softs	7.59%
Livestock	6.57%

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