

## Scan risk range – initial margin rates & SPAN parameters

Commodity	Code	Expiry Months	Old Price Scan Range (per lot)	New Price Scan Range (per lot)	Price Scan Range Change (per lot)	Inter Month Spread Charge (per spread)	Volatility Scan Range	Short Option Minimum (per lot)
Whole Milk Powder Future	WMP	0-2 months	US\$ 255	US\$ 270	15	Tiered	34%	US\$12
Whole Milk Powder Future	WMP	3-12 months	US\$ 255	US\$ 255	0	Tiered	34%	US\$12
Whole Milk Powder Future	WMP	13-24 months	US\$ 330	US\$ 315	-15	Tiered	34%	US\$12
Skim Milk Powder Future	SMP	0-2 months	US\$ 195	US\$ 180	-15	Tiered	-	-
Skim Milk Powder Future	SMP	3-12 months	US\$ 210	US\$ 180	-30	Tiered	-	-
Skim Milk Powder Future	SMP	13-24 months	US\$ 225	US\$ 195	-30	Tiered	-	-
Anhydrous Milk Fat Future	AMF	0-2 months	US\$ 450	US\$ 465	15	Tiered	-	-
Anhydrous Milk Fat Future	AMF	3-12 months	US\$ 450	US\$ 465	15	Tiered	-	-
Anhydrous Milk Fat Future	AMF	13-24 months	US\$ 510	US\$ 540	30	Tiered	-	-
Butter Future	BTR	0-2 months	US\$ 360	US\$ 390	30	Tiered	-	-
Butter Future	BTR	3-12 months	US\$ 360	US\$ 375	15	Tiered	-	-
Butter Future	BTR	13-24 months	US\$ 420	US\$ 435	15	Tiered	-	-
Milk Price Future	MKP	Sep-Oct 2017	NZ\$ 1,500	NZ\$ 1,500	0	Tiered	34%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2018	NZ\$ 3,420	NZ\$ 3,480	60	Tiered	34%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2019	NZ\$ 3,780	NZ\$ 3,360	-420	Tiered	34%	NZ\$150



## SPAN tiered inter month spread details

Whole Milk Powder Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 130		
Tier 2	3-12 months	US\$ 140	US\$ 130	
Tier 3	13-24 months	US\$ 155	US\$ 150	US\$ 150

Skim Milk Powder Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 95		
Tier 2	3-12 months	US\$ 115	US\$ 105	
Tier 3	13-24 months	US\$ 125	US\$ 125	US\$ 120

Anhydrous Milk Fat Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 290		
Tier 2	3-12 months	US\$ 345	US\$ 290	
Tier 3	13-24 months	US\$ 385	US\$ 385	US\$ 365

Butter Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 255		
Tier 2	3-12 months	US\$ 250	US\$ 245	
Tier 3	13-24 months	US\$ 280	US\$ 275	US\$ 305

Milk Price Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	Sep-Oct 2017			
Tier 2	Sep-Oct 2018	NZ\$ 1,470		
Tier 3	Sep-Oct 2019	NZ\$ 1,595	NZ\$ 1,615	



## SPAN inter commodity spread

Dairy Commodity Group (CDA)		Leg 1			Leg 2		
Priority	Credit Rate	Code	Delta Ratio	Side of the leg	Code	Delta Ratio	Side of the leg
1	30%	WMP	5	A	SMP	4	B
2	30%	WMP	5	A	AMF	3	B
3	30%	SMP	1	A	AMF	2	B
4	30%	SMP	5	A	BTR	3	B
5	30%	AMF	5	A	BTR	6	B
6	30%	WMP	3	A	BTR	4	B
7	20%	WMP	8	A	MKP	1	B
8	20%	SMP	10	A	MKP	1	B
9	20%	AMF	5	A	MKP	1	B
10	20%	BTR	6	A	MKP	1	B

**Notes:**

- All parameters are subject to change given such factors as market price, volatility and economic environment.*
- These parameters are effective from 1 May 2017 until further notice.*