

## 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\$ 285	US\$ 270	-15	Tiered	34%	US\$12
Whole Milk Powder Future	WMP	3-12 months	US\$ 360	US\$ 330	-30	Tiered	34%	US\$12
Whole Milk Powder Future	WMP	13-24 months	US\$ 510	US\$ 465	-45	Tiered	34%	US\$12
Skim Milk Powder Future	SMP	0-2 months	US\$ 225	US\$ 210	-15	Tiered	-	-
Skim Milk Powder Future	SMP	3-12 months	US\$ 240	US\$ 225	-15	Tiered	-	-
Skim Milk Powder Future	SMP	13-24 months	US\$ 315	US\$ 315	0	Tiered	-	-
Anhydrous Milk Fat Future	AMF	0-2 months	US\$ 435	US\$ 450	15	Tiered	-	-
Anhydrous Milk Fat Future	AMF	3-12 months	US\$ 435	US\$ 450	15	Tiered	-	-
Anhydrous Milk Fat Future	AMF	13-24 months	US\$ 540	US\$ 555	15	Tiered	-	-
Butter Future	BTR	0-2 months	US\$ 420	US\$ 450	30	Tiered	-	-
Butter Future	BTR	3-12 months	US\$ 420	US\$ 450	30	Tiered	-	-
Butter Future	BTR	13-24 months	US\$ 525	US\$ 600	75	Tiered	-	-
Milk Price Future	MKP	Sep-Oct 2017	NZ\$ 1,920	NZ\$ 1,860	-60	Tiered	34%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2018	NZ\$ 3,060	NZ\$ 3,060	0	Tiered	34%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2019	NZ\$ 4,020	NZ\$ 3,900	-120	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\$ 135		
Tier 2	3-12 months	US\$ 150	US\$ 165	
Tier 3	13-24 months	US\$ 225	US\$ 220	US\$ 280

Skim Milk Powder Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 105		
Tier 2	3-12 months	US\$ 110	US\$ 115	
Tier 3	13-24 months	US\$ 160	US\$ 150	US\$ 190

Anhydrous Milk Fat Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 280		
Tier 2	3-12 months	US\$ 360	US\$ 280	
Tier 3	13-24 months	US\$ 485	US\$ 440	US\$ 415

Butter Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 225		
Tier 2	3-12 months	US\$ 230	US\$ 225	
Tier 3	13-24 months	US\$ 325	US\$ 295	US\$ 360

Milk Price Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	Sep-Oct 2017			
Tier 2	Sep-Oct 2018	NZ\$ 1,560		
Tier 3	Sep-Oct 2019	NZ\$ 2,160	NZ\$ 2,400	



## SPAN inter commodity spread

Dairy Commodity Group			Leg 1		Leg 2		
Priority	Credit Rate	Code	Delta Ratio	Side of the leg	Code	Delta Ratio	Side of the leg
1	30%	WMP	10	A	SMP	12	B
2	30%	WMP	10	A	AMF	6	B
3	30%	SMP	1	A	AMF	2	B
4	20%	SMP	10	A	BTR	6	B
5	20%	AMF	10	A	BTR	12	B
6	20%	WMP	3	A	BTR	4	B

**Notes:**

- 1. All parameters are subject to change given such factors as market price, volatility and economic environment.*
- 2. These parameters are effective from 2 March 2017 until further notice.*