

## 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\$ 255	0	Tiered	34%	US\$16
Whole Milk Powder Future	WMP	3-12 months	US\$ 255	US\$ 300	45	Tiered	34%	US\$16
Whole Milk Powder Future	WMP	13-24 months	US\$ 315	US\$ 390	75	Tiered	34%	US\$16
Skim Milk Powder Future	SMP	0-2 months	US\$ 180	US\$ 180	0	Tiered	-	-
Skim Milk Powder Future	SMP	3-12 months	US\$ 180	US\$ 180	0	Tiered	-	-
Skim Milk Powder Future	SMP	13-24 months	US\$ 195	US\$ 210	15	Tiered	-	-
Anhydrous Milk Fat Future	AMF	0-2 months	US\$ 540	US\$ 540	0	Tiered	-	-
Anhydrous Milk Fat Future	AMF	3-12 months	US\$ 525	US\$ 525	0	Tiered	-	-
Anhydrous Milk Fat Future	AMF	13-24 months	US\$ 585	US\$ 570	-15	Tiered	-	-
Butter Future	BTR	0-2 months	US\$ 465	US\$ 480	15	Tiered	-	-
Butter Future	BTR	3-12 months	US\$ 420	US\$ 450	30	Tiered	-	-
Butter Future	BTR	13-24 months	US\$ 450	US\$ 690	240	Tiered	-	-
Milk Price Future	MKP	Sep-Oct 2017	US\$ 840	NZ\$ 840	0	Tiered	10%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2018	NZ\$ 3,480	NZ\$ 3,660	180	Tiered	34%	NZ\$150
Milk Price Future	MKP	Sep-Oct 2019	NZ\$ 3,420	NZ\$ 3,420	0	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\$ 130	US\$ 130	
Tier 3	13-24 months	US\$ 155	US\$ 145	US\$ 175

Skim Milk Powder Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 100		
Tier 2	3-12 months	US\$ 110	US\$ 105	
Tier 3	13-24 months	US\$ 130	US\$ 120	US\$ 145

Anhydrous Milk Fat Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 270		
Tier 2	3-12 months	US\$ 405	US\$ 260	
Tier 3	13-24 months	US\$ 485	US\$ 440	US\$ 365

Butter Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	0-2 months	US\$ 350		
Tier 2	3-12 months	US\$ 315	US\$ 335	
Tier 3	13-24 months	US\$ 380	US\$ 340	US\$ 470

Milk Price Future	Months in Tier	Tier 1	Tier 2	Tier 3
Tier 1	Sep-Oct 2017			
Tier 2	Sep-Oct 2018	NZ\$ 1,525		
Tier 3	Sep-Oct 2019	NZ\$ 1,760	NZ\$ 1,660	



## 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	13	B
2	30%	WMP	10	A	AMF	6	B
3	30%	SMP	20	A	AMF	9	B
4	30%	SMP	2	A	BTR	1	B
5	30%	AMF	10	A	BTR	12	B
6	30%	WMP	10	A	BTR	7	B
7	10%	WMP	8	A	MKP	1	B
8	10%	SMP	10	A	MKP	1	B
9	10%	AMF	5	A	MKP	1	B
10	10%	BTR	5	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 August 2017 until further notice.*