



**SANFORD LIMITED**  
SUSTAINABLE SEAFOOD

## Quota Ownership and Sustainability Status

The table below outlines the quota quantity and sustainability status for species where Sanford owns at least 30 metric tonnes ACE equivalent (mt) or more than 10% of the Total Allowable Commercial Catch (TACC) in New Zealand.

The colour-coding corresponds to Sanford's view of the sustainability status of each stock, according to the key.

\*Note no colour means there was no 2008 view stated.

The Ministry of Fisheries status of the fishery is also included. The final column shows the changes since this table was last published.

**Key:**

1	Quota reduction likely	4	Under-exploited and could increase
2	Has declined but is rebuilding	5	Quota too low and should be increased
3	Being sustainably utilised		

Stock code	Common name	Sanford quota shares	ACE equivalent (mt)	TACC (mt)	Quota ownership % of TACC	Sanford view		Sustainability Status		2009 MFish Management Changes
						2009	2008*	MFish Status of Fisheries view (summarised from www.fish.govt.nz)		
ANC1	Anchovy	18,000,000	36	200	18%	4	4	Near or above Sustainable target level		
ANC8	Anchovy	80,000,000	80	100	80%	4	4	Near or above Sustainable target level		
BAR1	Barracouta	38,665,442	4,253	11,000	39%	3	3	Not Determined		
BAR4	Barracouta	36,471,631	1,101	3,019	36%	3	3	Not Determined		
BAR5	Barracouta	31,397,818	2,345	7,470	31%	4	4	Not Determined		
BAR7	Barracouta	24,353,323	2,721	11,173	24%	3	3	Not Determined		
BCO5	Blue Cod	17,122,050	265	1,548	17%	3	3	Likely Sustainable		
BNS1	Bluenose	9,113,600	72	786	9%	3	3	Below Sustainable target level (likely Sustainable)		
BNS2	Bluenose	16,552,391	149	902	17%	3	3	Below Sustainable target level (likely Sustainable)		
BNS7	Bluenose	19,958,667	18	89	20%	3	3	Below Sustainable target level (likely Sustainable)		
BWS1	Blue Shark	2,264,725	42	1,860	2%	3		Not Determined		
BYA1	Fried Venus Shell	20,000,000	0	1	20%	4		Not Determined		
BYA5	Fried Venus Shell	20,000,000	0	1	20%	4		Not Determined		
BYA9	Fried Venus Shell	20,000,000	0	1	20%	4		Not Determined		
BYX1	Alfonsino	40,651,758	122	300	41%	5	5	Near or above Sustainable target level		
BYX2	Alfonsino	3,243,396	51	1,575	3%	3		Not Determined		
BYX7	Alfonsino	28,198,758	23	81	28%	3	3	Not Determined		
CDL1	Cardinal Fish	30,359,250	364	1,200	30%	3	3	Not Determined		
CDL2	Cardinal Fish	14,067,386	228	1,620	14%	3	3	Below Sustainable target level (likely Sustainable)		TACC decrease
CDL4	Cardinal Fish	64,080,000	42	66	64%	3	3	Below Sustainable target level (likely Sustainable)		
CDL5	Cardinal Fish	21,900,000	5	22	22%	3		Not Determined		
CDL7	Cardinal Fish	49,425,641	19	39	49%	3		Not Determined		
CDL9	Cardinal Fish	30,750,000	1	4	31%	4		Not Determined		
CHC3	Red Crab	12,500,000	1	4	13%	4		Not Determined		
CHC5	Red Crab	37,500,000	2	4	38%	4		Not Determined		
CHC6	Red Crab	37,500,000	2	4	38%	4		Not Determined		
COC5	Cockle	40,000,000	1	2	40%	4		Not Determined		
DAN5	Ringed Dosinia	10,000,000	0	1	10%	4		Not Determined		
DAN8	Ringed Dosinia	30,303,030	10	33	30%	4		Not Determined		
DAN9	Ringed Dosinia	30,303,030	10	33	30%	4		Not Determined		
DSU1	Silky Dosinia	80,000,000	1	1	80%	4		Not Determined		
DSU3	Silky Dosinia	10,000,000	0	1	10%	4		Not Determined		
DSU9	Silky Dosinia	80,000,000	1	1	80%	4		Not Determined		
ELE3	Elephant Fish	9,775,519	98	1,000	10%	3		Rebuilding		TACC increase
ELE5	Elephant Fish	10,776,998	15	140	11%	3	3	Rebuilding		TACC increase
ELE7	Elephant Fish	14,440,079	15	102	14%	3	3	Not Determined		
EMA1	Blue Mackerel	59,579,870	4,546	7,630	60%	5	5	Below Sustainable target level (likely Sustainable)		
EMA2	Blue Mackerel	43,278,213	78	180	43%	5	5	Not Determined		
EMA3	Blue Mackerel	54,078,557	211	390	54%	5	5	Not Determined		
EMA7	Blue Mackerel	21,646,278	725	3,350	22%	5	5	Not Determined		
FLA1	Flats	5,351,554	64	1,187	5%	3		Below Sustainable target level (likely Sustainable)		
FLA2	Flats	18,666,483	136	726	19%	3	3	Not Determined		
FLA3	Flats	8,934,981	128	1,430	9%	3		Not Determined		TACC inseason increase
FRO1	Frostfish	33,491,945	50	149	33%	3	3	Not Determined		
FRO7	Frostfish	3,867,709	101	2,623	4%	3		Not Determined		
FRO9	Frostfish	19,792,753	27	138	20%	3	3	Not Determined		
GLM9	Green-lipped Mussel	14,000,000	25	180	14%	3	3	Not Determined		
GMU1	Grey Mullet	5,028,520	47	926	5%	3		Below Sustainable target level (likely Sustainable)		
GSC1	Giant Spider Crab	48,200,000	0	1	48%	4		Not Determined		
GSC3	Giant Spider Crab	21,428,571	3	14	21%	4		Not Determined		
GSC5	Giant Spider Crab	36,842,105	7	19	37%	4		Not Determined		
GSC6A	Giant Spider Crab	27,027,028	40	148	27%	4	4	Not Determined		
GSH1	Ghost Shark	46,320,000	10	22	46%	3		Not Determined		
GSH3	Ghost Shark	32,764,389	388	1,185	33%	4	4	Not Determined		
GSH4	Ghost Shark	30,492,432	113	370	30%	4	4	Not Determined		
GSH5	Ghost Shark	15,443,120	17	109	15%	4	4	Not Determined		
GSH8	Ghost Shark	14,608,333	3	22	15%	4		Not Determined		
GSH9	Ghost Shark	22,875,000	5	22	23%	4		Not Determined		
GSP1	Pale Ghost Shark	34,859,724	401	1,150	35%	3	3	Below Sustainable target level (likely Sustainable)		
GSP5	Pale Ghost Shark	8,883,898	40	454	9%	3		Below Sustainable target level (likely Sustainable)		
GUR1	Gurnard	36,854,461	843	2,288	37%	4	4	Near or above Sustainable target level		
GUR2	Gurnard	10,793,123	78	725	11%	3	3	Below Sustainable target level (likely Sustainable)		
GUR3	Gurnard	9,408,131	85	900	9%	4		Near or above Sustainable target level		TACC increase
GUR8	Gurnard	13,181,148	72	543	13%	4	4	Not Determined		



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Stock code	Common name	Sanford quota shares	ACE equivalent (mt)	TACC (mt)	Quota ownership % of TACC	Sanford view		Sustainability Status		2009 MFish Management Changes
						2009	2008*	MFish Status of Fisheries view (summarised from www.fish.govt.nz)		
HAK1	Hake	25,720,406	952	3,701	26%	3	3	Near or above Sustainable target level		
HAK4	Hake	39,754,486	716	1,800	40%	2	2	Not Determined		
HAK7	Hake	21,906,498	1,687	7,700	22%	3	3	Near or above Sustainable target level		
HOK1	Hoki	15,381,966	16,920	110,000	15%	3	2	Near or above Sustainable target level	TACC increase	
HPB1	Hapuku	17,075,708	82	481	17%	3	4	Not Determined		
HPB5	Hapuku	20,103,701	91	451	20%	3	3	Not Determined		
JDO1	John Dory	32,240,767	227	704	32%	4	4	Not Determined		
JDO2	John Dory	20,037,105	54	270	20%	3	3	Not Determined		
JMA1	Jack Mackerel	64,515,090	6,452	10,000	65%	4	4	Not Determined		
JMA3	Jack Mackerel	23,077,657	4,154	18,000	23%	4	4	Not Determined		
JMA7	Jack Mackerel	37,629,743	12,244	32,537	38%	4	4	Near or above Sustainable target level		
KAH1	Kahawai	43,494,117	468	1,075	43%	4	4	Near or above Sustainable target level		
KAH2	Kahawai	56,623,717	399	705	57%	4	4	Not Determined		
KAH3	Kahawai	34,650,096	142	410	35%	4	4	Not Determined		
KAH8	Kahawai	18,554,867	96	520	19%	4	4	Not Determined		
KIC5	King Crab	20,000,000	2	10	20%	4		Not Determined		
KIC6	King Crab	20,000,000	2	10	20%	4		Not Determined		
KIN1	Kingfish	10,259,445	9	91	10%	4	4	Not Determined		
LDO1	Lookdown Dory	22,459,524	38	168	22%	4	4	Not Determined		
LDO3	Lookdown Dory	9,550,488	59	614	10%	3		Not Determined		
LEA1	Leatherjacket	34,054,143	64	188	34%	3	3	Not Determined		
LEA2	Leatherjacket	20,525,615	233	1,136	21%	3	3	Not Determined		
LIN1	Ling	30,902,909	124	400	31%	4	4	Not Determined		
LIN2	Ling	27,094,705	266	982	27%	3	3	Near or above Sustainable target level		
LIN3	Ling	19,180,340	395	2,060	19%	3	4	Near or above Sustainable target level		
LIN4	Ling	20,035,857	842	4,200	20%	4	4	Near or above Sustainable target level		
LIN5	Ling	28,498,734	1,025	3,595	28%	4	4	Near or above Sustainable target level		
LIN6	Ling	28,672,930	2,439	8,505	29%	3	4	Near or above Sustainable target level		
LIN7	Ling	19,456,640	481	2,474	19%	3	4	Near or above Sustainable target level	TACC increase	
MDI5	Trough Shell	57,142,857	8	14	57%	4		Near or above Sustainable target level		
MDI8	Trough Shell	21,481,482	6	27	21%	4		Not Determined		
MDI9	Trough Shell	18,518,519	5	27	19%	4		Not Determined		
OEO1	Oreos	21,445,063	536	2,500	21%	1	2	Below Sustainable target level (unlikely Sustainable)		
OEO3A	Oreos	33,718,704	1,130	3,350	34%	3	2	Near or above Sustainable target level	TACC increase	
OEO4	Oreos	33,061,900	2,314	7,000	33%	3	3	Not Determined		
OEO6	Oreos	19,810,000	1,189	6,000	20%	3	3	Near or above Sustainable target level		
ORH1	Orange Roughy	23,684,375	332	1,400	24%	3	3	Below Sustainable target level (unlikely Sustainable)		
ORH2A	Orange Roughy	26,507,636	292	1,100	27%	3	3	Below Sustainable target level (unlikely Sustainable)		
ORH3A	Orange Roughy	16,849,639	70	415	17%	3	3	Below Sustainable target level (unlikely Sustainable)		
ORH3B	Orange Roughy	34,770,583	2,764	7,950	35%	3	3	Below Sustainable target level (unlikely Sustainable)	TACC decrease	
ORH7A	Orange Roughy	24,700,000	0.247	1	25%	5	2	Below Sustainable target level (unlikely Sustainable)		
ORH7B	Orange Roughy	23,887,674	0.239	1	24%	2		Below Sustainable target level (unlikely Sustainable)		
OYS3	Oysters Dredge	80,000,000	2	2	80%	3		Below Sustainable target level (unlikely Sustainable)		
OYS5A	Oysters Dredge	66,666,666	2	3	67%	3		Not Determined		
OYS7A	Oysters Dredge	30,000,000	0	1	30%	3		Not Determined		
OYS9	Oysters Dredge	40,000,000	0	1	40%	3		Not Determined		
OYU5	Oysters Dredge	13,043,478	1,950	14,950	13%	3	3	Below Sustainable target level (unlikely Sustainable)		
PDO3	Deepwater Tuatua	18,518,519	20	108	19%	4	4	Near or above Sustainable target level		
PDO7	Deepwater Tuatua	10,000,000	5	50	10%	4		Near or above Sustainable target level		
PIL1	Pilchard	12,169,650	243	2,000	12%	4	4	Not Determined		
POR2	Porae	13,104,274	1	6	13%	3		Not Determined		
PRK1	Prawn Killer	50,645,000	12	25	51%	3		Not Determined		
RBM1	Rays Bream	6,628,199	65	980	7%	3		Not Determined		
RBT3	Redbait	21,974,612	481	2,190	22%	3		Not Determined	New species in QMS	
RBV1	Rubyfish	40,125,687	120	300	40%	5	5	Not Determined		
RBY8	Rubyfish	16,700,000	1	6	17%	3		Not Determined		
RBY9	Rubyfish	14,457,895	3	19	14%	3		Not Determined		
RCO1	Red Cod	31,684,479	13	42	32%	4	4	Not Determined		
RCO2	Red Cod	23,899,939	120	500	24%	4	4	Not Determined		
RCO3	Red Cod	21,049,804	968	4,600	21%	3	3	Not Determined		
RCO7	Red Cod	4,513,295	141	3,126	5%	3		Below Sustainable target level (likely Sustainable)		
RIB3	Ribaldo	10,466,244	41	394	10%	3	3	Not Determined		
RIB6	Ribaldo	17,900,806	41	231	18%	3	3	Not Determined		
RSK1	Rough Skate	49,941,819	55	111	50%	3	3	Not Determined		
RSK3	Rough Skate	4,784,283	79	1,653	5%	3		Not Determined		
RSK8	Rough Skate	47,500,000	10	21	48%	3		Not Determined		
RSN1	Red Snapper	11,573,620	14	124	12%	4	4	Not Determined		
RSN2	Red Snapper	13,014,285	3	21	13%	3		Not Determined		
SAE1	Triangle Shell	77,777,778	7	9	78%	3		Near or above Sustainable target level		
SAE5	Triangle Shell	33,333,333	1	3	33%	3		Near or above Sustainable target level		
SAE9	Triangle Shell	25,000,000	2	8	25%	3		Not Determined		
SBW1	Southern Blue Whiting	67,984,990	5	8	68%	3		Near or above Sustainable target level		
SBW6A	Southern Blue Whiting	10,892,866	179	1,640	11%	3	3	Near or above Sustainable target level		
SBW6B	Southern Blue Whiting	10,892,850	1,601	14,700	11%	3	3	Near or above Sustainable target level	TACC increase	
SBW6I	Southern Blue Whiting	10,892,850	2,179	20,000	11%	3	3	Near or above Sustainable target level		
SBW6R	Southern Blue Whiting	10,892,836	599	5,500	11%	3	3	Near or above Sustainable target level		



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						2009	2008*		
SCA1	Scallop	10,540,000	4	40	11%	3	3	Near or above Sustainable target level	
SCH1	School Shark	24,718,693	170	689	25%	3	3	Below Sustainable target level (likely Sustainable)	
SCH5	School Shark	21,045,737	156	743	21%	3	3	Below Sustainable target level (likely Sustainable)	
SCH8	School Shark	10,964,357	58	529	11%	3	3	Below Sustainable target level (likely Sustainable)	
SCI1	Scampi	69,403,848	83	120	69%	4	4	Below Sustainable target level (likely Sustainable)	
SCI2	Scampi	55,043,872	110	200	55%	3	2	Not Determined	
SCI3	Scampi	37,598,236	128	340	38%	4	4	Below Sustainable target level (likely Sustainable)	
SCI4A	Scampi	75,807,699	91	120	76%	3	4	Below Sustainable target level (likely Sustainable)	
SCI6A	Scampi	51,271,498	157	306	51%	4	4	Below Sustainable target level (likely Sustainable)	
SKI1	Gemfish	59,563,724	125	210	60%	2	2	Below Sustainable target level (unlikely Sustainable)	
SKI2	Gemfish	14,631,409	35	240	15%	3	3	Below Sustainable target level (unlikely Sustainable)	
SKI3	Gemfish	29,118,758	87	300	29%	3	3	Below Sustainable target level (unlikely Sustainable)	
SKI7	Gemfish	32,589,333	98	300	33%	3	3	Below Sustainable target level (unlikely Sustainable)	
SNA1	Snapper	24,132,400	1,086	4,500	24%	4	4	Near or above Sustainable target level	
SNA8	Snapper	60,822,133	791	1,300	61%	5	5	Below Sustainable target level (unlikely Sustainable)	
SPD1	Spiny Dogfish	16,194,864	54	331	16%	3	3	Not Determined	
SPD3	Spiny Dogfish	19,878,849	953	4,794	20%	2	2	Below Sustainable target level (likely Sustainable)	
SPD4	Spiny Dogfish	12,680,020	206	1,626	13%	3	3	Below Sustainable target level (likely Sustainable)	
SPD5	Spiny Dogfish	31,167,406	1,153	3,700	31%	3	3	Not Determined	
SPD7	Spiny Dogfish	15,609,253	297	1,902	16%	3	3	Below Sustainable target level (likely Sustainable)	
SPD8	Spiny Dogfish	31,620,705	97	307	32%	3	3	Not Determined	
SPE3	Sea Perch	13,954,336	140	1,000	14%	3	3	Below Sustainable target level (likely Sustainable)	
SPE4	Sea Perch	8,177,299	74	910	8%	3		Below Sustainable target level (likely Sustainable)	
SPE5	Sea Perch	26,913,889	10	36	27%	3	3	Not Determined	
SPE6	Sea Perch	18,111,111	2	9	18%	3		Not Determined	
SPO1	Rig	21,247,457	147	692	21%	3	3	Not Determined	
SPO3	Rig	8,128,336	49	600	8%	3		Not Determined	
SQU1J	Arrow Squid	35,983,516	18,068	50,212	36%	2	2	Below Sustainable target level (likely Sustainable)	
SQU1T	Arrow Squid	28,088,081	12,567	44,741	28%	3	3	Below Sustainable target level (likely Sustainable)	
SQU6T	Arrow Squid	29,886,643	9,674	32,369	30%	3	3	Below Sustainable target level (likely Sustainable)	
SSK1	Smooth Skate	46,262,616	17	37	46%	3	3	Not Determined	
SSK3	Smooth Skate	30,024,520	174	579	30%	3	3	Not Determined	
SSK7	Smooth Skate	19,448,356	41	213	19%	3	3	Not Determined	
SSK8	Smooth Skate	30,785,070	6	20	31%	3		Not Determined	
STA1	Giant Stargazer	29,014,286	6	21	29%	3		Not Determined	
STA2	Giant Stargazer	21,915,789	8	38	22%	3	3	Not Determined	
STA3	Giant Stargazer	17,148,292	155	902	17%	3	3	Below Sustainable target level (likely Sustainable)	
STA4	Giant Stargazer	4,722,402	102	2,158	5%	3		Near or above Sustainable target level	
STA5	Giant Stargazer	25,684,651	325	1,264	26%	3	3	Near or above Sustainable target level	
STA7	Giant Stargazer	16,799,914	167	997	17%	3	3	Near or above Sustainable target level	
SWA1	Silver Warehou	28,598,124	858	3,000	29%	3	3	Near or above Sustainable target level	
SWA3	Silver Warehou	39,402,768	1,293	3,280	39%	3	3	Not Determined	
SWA4	Silver Warehou	33,975,542	1,390	4,090	34%	3	3	Not Determined	
TAR1	Tarakihi	34,439,660	499	1,447	34%	4	4	Below Sustainable target level (likely Sustainable)	
TAR2	Tarakihi	5,945,619	107	1,796	6%	4		Not Determined	
TAR3	Tarakihi	9,121,719	128	1,403	9%	4		Not Determined	
TAR4	Tarakihi	44,310,563	140	316	44%	4	4	Not Determined	
TAR5	Tarakihi	19,462,647	30	153	19%	4	4	Not Determined	
TAR7	Tarakihi	11,373,830	124	1,088	11%	4	4	Near or above Sustainable target level	
TAR8	Tarakihi	35,375,777	80	225	35%	4	4	Not Determined	
TRE1	Trevally	39,562,555	596	1,507	40%	3	3	Below Sustainable target level (unlikely Sustainable)	
TRE2	Trevally	12,102,975	29	241	12%	3	3	Not Determined	
TRE7	Trevally	50,720,899	1,092	2,153	51%	4	3	Near or above Sustainable target level	
WAR1	Blue Warehou	27,135,922	11	41	27%	3	3	Not Determined	
WAR2	Blue Warehou	9,518,288	55	578	10%	3		Not Determined	
WAR3	Blue Warehou	29,636,677	750	2,531	30%	4	4	Not Determined	
WAR7	Blue Warehou	21,049,849	236	1,120	21%	3	3	Not Determined	
WWA1	White Warehou	51,850,000	2	4	52%	3		Not Determined	
WWA4	White Warehou	17,152,728	57	330	17%	3	3	Not Determined	
WWA5B	White Warehou	29,766,489	779	2,617	30%	3	3	Not Determined	
WWA8	White Warehou	23,500,000	0	1	24%	3		Not Determined	
Total (mt) Sanford Stocks (314 stocks)			145,171	601,431	24.1%				
Total > 10% TACC & 30 mt (201 species)			144,533	574,485	25.2%				

**Notes:**

1. This table is not comparable with previous tables as MFish have implemented new indicators under the "Harvest Strategy Standard" and we have expanded our list of stocks for species where we own over 30mt or 10% of the TACC.
2. Sustainability Status: is the present status of the stock relative to a sustainability target. If a stock is under target, then under the Fisheries Act of 1996, the Minister must take corrective action. See [www.fish.govt.nz](http://www.fish.govt.nz) "Status of Fisheries" for MFish full views and explanations.
3. Not Determined: it is unknown whether the stock is at, below or above sustainable catch levels.