












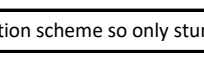

















How various certification compare to CIWF criteria for higher animal welfare: Farmed Fish

Certification Scheme	Logo	Country	Species	Is stunning prior to killing mandatory?	Is slaughter humane	What is the maximum stocking density? (kg/m ³)	Is genetic engineering (GE), cloning or triploidy prohibited?	What is the max. time out of water permitted?	Is killing of predators prohibited?
CIWF - Food business - better level of animal welfare		Global	All farmed fish	YES	YES	salmon: 10, trout: 15-17, sea bass/bream: 13-15, pangasius: 10	YES	15 sec.	YES
Best Aquaculture Practices (BAP)		Global	All farmed fish	only for salmon	MAYBE ¹	salmon: 25+5% if KWI are good other species: not regulated	only for salmon	no max. ¹	NO
Friends of the Sea (FOS)		Global	All farmed fish	NO	IN PROGRESS	No max.	NO	no max.	NO
Global GAP		Global	All farmed fish	YES	MAYBE ¹	UNCLEAR ¹	GE prohibited	no max.	NO
Certified Quality Aquaculture (CQA)		Ireland	All farmed fish	NO	MAYBE ¹	UNCLEAR ¹	NO	no max.	NO
Aquaculture Stewardship Council (ASC)		Global	Salmon, trout, sea bass/bream, pangasius	NO	NO	salmon, sea bass/bream: no max., trout: MAYBE ¹ , pangasius: 38-80	cloning prohibited (except pangasius)	no max.	salmon and trout: YES sea bass/bream: MAYBE pangasius: NO
RSPCA		Global	Salmon and trout	YES	MAYBE ¹	17	YES	15 sec.	NO
Label rouge		France	salmon, trout, sea bass/bream	salmon: YES, trout, sea bass/ bream: NO	salmon: YES, trout, sea bass/ bream: MAYBE	salmon: 15-20, trout: 60-70, sea bass/bream: 20	NO	no max.	trout: NO other species: YES
Naturland		Global	All farmed fish	YES	MAYBE	salmon; 10, trout: 15-20, salmonids in net cages: 10	GE prohibited	no max.	NO
EU organic legislation		EU	All farmed fish	YES	YES	salmon: 20, trout: 25, salmonids in sea water: 10, sea bass/bream: 15, pangasius: 10	GE prohibited	no max.	NO
Soil Association		UK	All farmed fish	YES	YES	Same as EU organic	GE prohibited	no max.	NO
Organic food federation		UK	All farmed fish	YES	YES	Same as EU organic	GE prohibited	no max.	NO
O-label Debio		Norway	All farmed fish	YES	YES	Same as EU organic	GE prohibited	no max.	NO
Canada organic legislation		Canada	All farmed fish	YES	YES	salmon and trout in sea pens: 10	GE and cloning prohibited	no max.	NO
Marine Stewardship Council (MSC) ²		Global	Wild caught fish only	NO	NO	N/A	N/A	N/A	N/A

¹ This certification does not have a clear guideline on this welfare criteria. CIWF encourages these standards to be more clear regarding this subject

² MSC is a fisheries only certification scheme so only stunning and slaughter are applicable

Certification Scheme	Logo	Country	Species	Is the prophylactic use of antibiotics prohibited?	What is the max. crowding duration?	Is enrichment provided?	What is the max. fasting duration?	Is Fish meal and fish oil being reduced?	Are routine mutilations permitted?	Is water quality monitored?	Is the welfare of cleaner fish assured?	Does this certification meet CIWF higher AW criteria?
CIWF - Food business - better level of animal welfare		Global	All farmed fish	YES	2h	recommended	salmon and trout: 72h, sea bass/bream, pangasius: 48h	YES	NO	YES	YES	YES
Best Aquaculture Practices (BAP)		Global	All farmed fish	IN PROGRESS	salmon: 1h, other: No max. ¹	NO	no max.	IN PROGRESS	YES	NO	YES	NO
Friends of the Sea (FOS)		Global	All farmed fish	YES	no max.	MAYBE	UNCLEAR ¹	MAYBE	YES	YES - every 6 month	NO	NO
Global GAP		Global	All farmed fish	YES	no max.	NO	no max.	NO	YES	Some guidelines	YES	NO
Certified Quality Aquaculture (CQA)		Ireland	All farmed fish	NO	no max.	NO	no max.	NO	YES	NO	NO	NO
Aquaculture Stewardship Council (ASC)		Global	Salmon, trout, sea bass/bream, pangasius	YES	no max.	NO	no max.	MAYBE	YES	Some guidelines	NO	NO
RSPCA		Global	Salmon and trout	YES	2h	NO	salmon: 72h (pre-transport: 48h), trout: 54 degree days	NO	NO	YES	YES	PARTIAL
Label rouge		France	salmon, trout, sea bass/bream	NO	salmon: 4h, trout, sea bass/bream: no max.	salmon, sea bass/bream: NO, trout: shelter from predators	salmon, trout: 10 days, sea bass/bream: 14 days	MAYBE	YES	YES	NO	NO
Naturland		Global	All farmed fish	YES	No max.	NO	no max.	YES	YES	maybe	NO	NO
EU organic legislation		EU	All farmed fish	YES	no max.	freshwater fish: YES	no max.	YES	YES	YES	NO	NO
Soil Association		UK	All farmed fish	YES	no max.	same as EU organic	salmon and trout: 50 degree days	YES	YES	YES	YES	NO
Organic food federation		UK	All farmed fish	YES	no max.	same as EU organic	no max.	YES	YES	YES	NO	NO
O-label Debio		Norway	All farmed fish	YES	no max.	same as EU organic	no max.	YES	YES	YES	NO	NO
Canada organic legislation		Canada	All farmed fish	YES	no max.	NO	no max.	MAYBE	NO	YES	NO	NO
Marine Stewardship Council (MSC) ²		Global	Wild caught fish only	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO

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N.B this table focuses on the 5 main species CIWF works on: salmon, trout, sea bass, sea bream and pangasius. Certifications might have criteria for other species not included in this table. This table is accurate at the time of publishing (June 2020) based on the publicly available standards