

## Materials for teachers (game managers) 4.2

### Reproduction chart: recovery of the fish population (in tons of fish)

- At the end of the fishing season 47 tons of fish are left in the lake.
- In the close season, the population of fish recovers. In this example, the fish population amounts to 56 tons at the beginning of the new fishing season.
- The game manager announces this figure to the players, who then decide on their catch in the new season.
- The game manager must not show this reproduction chart to the players.

End of old season	Beginning of new season	End of old season	Beginning of new season	End of old season	Beginning of new season	End of old season	Beginning of new season
tons	tons	tons	tons	tons	tons	tons	tons
0	0	38	43	76	103	114	147
1	0	39	45	77	104	115	147
2	1	40	46	78	106	116	147
3	1	41	47	79	107	117	147
4	2	42	49	80	109	118	147
5	2	43	50	81	110	119	147
6	3	44	52	82	112	120	148
7	4	45	53	83	113	121	148
8	5	46	55	84	115	122	148
9	7	*47	*56	85	116	123	148
10	11	48	58	86	118	124	148
11	12	49	59	87	119	125	149
12	13	50	61	88	121	126	149
13	14	51	62	89	122	127	149
14	15	52	64	90	124	128	149
15	16	53	65	91	126	129	149
16	17	54	67	92	128	130	150
17	18	55	69	93	130	131	150
18	20	56	71	94	132	132	150
19	21	57	73	95	134	133	150
20	22	58	75	96	136	134	150
21	23	59	76	97	138	135	150
22	24	60	78	98	140	136	150
23	25	61	79	99	141	137	150
24	27	62	81	100	142	138	150
25	28	63	82	101	142	139	150
26	29	64	84	102	142	140	150
27	30	65	85	103	143	141	150
28	31	66	87	104	143	142	150
29	32	67	89	105	144	143	150
30	34	68	91	106	145	144	150
31	35	69	92	107	145	145	145
32	36	70	94	108	145	146	150
33	37	71	95	109	146	147	150
34	38	72	97	110	146	148	150
35	40	73	98	111	146	149	150
36	41	74	100	112	146	150	150
37	42	75	101	113	146		

\* indicates the example used here – 47 tons (end of old season) – 56 tons (beginning of new season).

Based on: Wolfgang Ziefle, "Das Fischerspiel", p. 13.