SUPPLEMENTARY INFORMATION:

"Wetlands Retention and Optimal Management of Waterfowl Habitat under Climate Change"
by Patrick Withey and G. Cornelis van Kooten appearing in *Journal of Agricultural and Resource Economics* (2014)

The following table compares observed and calibrated yields following from the positive mathematical programming results in the paper. The comparison indicates that the calibration is almost exact. Only one model result out of 135 (9 land uses × 15 strata) differed from the observed value by more than 10%, a total of 7 by more than 3%, 10 by more than 2% (9 of 15 values for land in hay differed from observed values by >2%), and 19 by more than 1%.

Difference between observed and calibrated yields (Percent)

Strata	Spring wheat	Barley	Oats	Winter wheat	Canola	Peas	Wetlands	Pasture	Hay
26	1.67	-0.83	-0.25	0.00	1.53	-0.17	1.19	0.51	12.33
27	0.98	-0.55	-0.06	0.00	0.00	0.08	-0.26	0.46	0.00
28	0.61	0.26	0.02	0.01	-0.28	-0.08	-0.17	-0.12	3.20
29	-0.40	-0.23	0.00	0.10	-0.02	0.01	-0.77	0.18	2.17
30	1.14	-0.38	0.26	0.00	1.49	0.15	-1.97	-0.82	0.00
31	-0.16	-0.32	0.41	0.03	-0.39	-0.12	0.42	-0.30	3.80
32	3.13	-0.96	-0.36	0.01	-0.99	-0.43	1.99	-0.32	0.11
33	0.08	0.00	-0.02	-0.01	0.14	0.06	-0.31	-0.25	3.24
34	1.03	0.30	-0.17	0.03	-0.57	0.16	-1.87	0.25	3.71
35	-0.88	-0.22	-0.15	-0.01	-0.67	-0.19	-0.91	0.23	-3.68
36	-0.01	-0.01	0.01	0.00	0.02	0.00	-0.10	-0.03	0.47
37	-0.29	0.14	-0.09	0.02	-0.61	0.00	-1.21	0.49	-2.06
38	-0.28	-0.01	0.04	0.01	0.34	0.01	0.35	0.00	0.07
39	0.20	-0.03	0.02	0.00	-0.14	-0.03	0.10	-0.23	-2.28
40	-0.18	0.07	0.00	-0.01	-0.17	0.00	-0.66	-0.13	-0.88