

Appendix C

Table C1. Optimal Forward-Looking Farmland Portfolio Weights for One-Year Holding Period with Nominal Returns

$E(r)$	7.34%	8.00%	8.50%	9.00%	9.30%	9.62%
$\sigma(r)$	5.99%	6.02%	6.09%	6.26%	6.53%	7.81%
Arkansas	0.21	0.27	0.32	0.40	0.43	0.00
Illinois	0.00	0.00	0.00	0.00	0.00	0.00
Indiana	0.00	0.00	0.00	0.00	0.00	0.00
Iowa	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	0.00	0.00	0.00	0.00	0.00	0.00
Louisiana	0.14	0.16	0.19	0.31	0.47	1.00
Michigan	0.14	0.05	0.00	0.00	0.00	0.00
Minnesota	0.00	0.00	0.00	0.00	0.00	0.00
Mississippi	0.10	0.12	0.13	0.05	0.00	0.00
Missouri	0.00	0.00	0.00	0.00	0.00	0.00
North Dakota	0.12	0.08	0.04	0.00	0.00	0.00
Ohio	0.00	0.00	0.00	0.00	0.00	0.00
South Dakota	0.00	0.00	0.00	0.00	0.00	0.00
Texas	0.20	0.18	0.16	0.07	0.00	0.00
Wisconsin	0.09	0.14	0.16	0.17	0.09	0.00

Table C2. Optimal Forward-Looking Farmland Portfolio Weights for Five-Year Holding Period with Nominal Returns

$E(r)$	10.05%	10.70%	11.40%	12.10%	12.80%	13.48%
$\sigma(r)$	5.50%	5.60%	6.05%	7.29%	9.18%	11.46%
Arkansas	0.44	0.56	0.62	0.46	0.17	0.00
Illinois	0.00	0.00	0.00	0.00	0.00	0.00
Indiana	0.00	0.00	0.00	0.00	0.00	0.00
Iowa	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	0.00	0.00	0.00	0.00	0.00	0.00
Louisiana	0.10	0.12	0.10	0.00	0.00	0.00
Michigan	0.14	0.00	0.00	0.00	0.00	0.00
Minnesota	0.00	0.00	0.00	0.00	0.00	0.00
Mississippi	0.00	0.00	0.00	0.00	0.00	0.00
Missouri	0.00	0.00	0.00	0.07	0.13	0.00
North Dakota	0.14	0.08	0.00	0.00	0.00	0.00
Ohio	0.00	0.00	0.00	0.00	0.00	0.00
South Dakota	0.00	0.06	0.24	0.47	0.70	1.00
Texas	0.16	0.11	0.00	0.00	0.00	0.00
Wisconsin	0.02	0.07	0.04	0.00	0.00	0.00

Table C4. Optimal Farmland Portfolio Weights as Implied by the M-V Approach with Nominal Returns

$E(r)$	11.82%	14.00%	16.00%	17.00%	18.00%	19.34%
$\sigma(r)$	7.82%	8.26%	9.21%	9.86%	10.60%	11.78%
Arkansas	0.22	0.35	0.30	0.27	0.20	0.00
Illinois	0.11	0.00	0.00	0.00	0.00	0.00
Indiana	0.00	0.00	0.00	0.00	0.00	0.00
Iowa	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	0.05	0.00	0.00	0.00	0.00	0.00
Louisiana	0.04	0.00	0.00	0.00	0.00	0.00
Michigan	0.00	0.00	0.00	0.00	0.00	0.00
Minnesota	0.00	0.00	0.00	0.00	0.00	0.00
Mississippi	0.00	0.00	0.00	0.00	0.00	0.00
Missouri	0.00	0.00	0.00	0.00	0.00	0.00
North Dakota	0.00	0.00	0.00	0.00	0.00	0.00
Ohio	0.00	0.00	0.00	0.00	0.00	0.00
South Dakota	0.00	0.27	0.52	0.65	0.76	1.00
Texas	0.58	0.38	0.18	0.08	0.00	0.00
Wisconsin	0.00	0.00	0.00	0.00	0.04	0.00