

## Appendix I

The third year of the trial on the effects of worming feedlot heifers with thiabendazole was completed after the report for the Livestock Research Roundup was presented. Complete data for this trial for the three year period are presented in Tables 13A and 14A.

**Table 13A. Summary of Data from the Worming Trial with Heifers**

	<b>Wormed Lot</b>			
	<b>1969</b>	<b>1970</b>	<b>1971</b>	<b>3-Yr. Avg.</b>
Number of head per lot	10	10	6	26
Avg. initial wt. / head	526.0	521.5	523.3	523.6
Avg. final wt. / head	898.0	911.0	991.7	933.6
Avg. gain / head	372.0	389.5	468.3	409.9
Days fed	213	239	267	239.7
Avg. daily gain / head	1.75	1.63	1.75	1.71
Feed cost / cwt gain	\$ 17.88	\$ 18.44	\$ 16.39	\$ 17.57
Lbs. feed / cwt gain	2479	2160	1826	2155
Hot carcass wt. / head	527.1	522.9	584.7	544.9
Avg. dressing percent	58.7	57.4	59.0	58.4
Avg. USDA grade	10.1	9.2	9.5	9.6
Avg. carcass value	\$208.63	\$239.91	\$318.42	\$255.65
<b>Control Lot</b>				
Number of head per lot	10	10	6	26
Avg. initial wt. / head	521.5	521.0	524.2	522.2
Avg. final wt. / head	915.5	922.5	963.3	933.8
Avg. gain / head	394.0	401.5	439.2	411.6
Days fed	213	239	267	239.7
Avg. daily gain / head	1.85	1.68	1.64	1.72
Feed cost / cwt gain	\$ 16.99	\$ 17.90	\$ 17.51	\$ 17.47
Lbs. feed / cwt gain	2367	2099	1960	2142
Hot carcass wt. / head	545.4	531.3	567.5	548.1
Avg. dressing percent	59.6	57.6	58.9	58.7
Avg. USDA grade	9.5	9.8	9.5	9.6
Avg. carcass value	\$214.08	\$247.46	\$309.50	\$257.01

**Table 14A. Rations Fed in the Worming Trial with Heifers**

	Wormed Lot					Control Lot			
	1969	1970	1971	3-Yr. Avg.		1969	1970	1971	3-Yr. Avg.
<b>Ration lbs. per head per day:</b>									
Alfalfa hay	1.5	2.0	1.9	1.8		1.5	2.0	1.9	1.8
Corn silage	32.7	24.8	20.2	25.9		33.2	24.9	20.4	26.2
Barley	8.9	8.8	9.7	9.1		8.9	8.8	9.7	9.1
Minerals	0.2	0.2	0.2	0.2		0.2	0.2	0.2	0.2

**Summary**

Gains of feedlot heifers were not improved by the use of thiabendazole for worming treatment.

There was no significant difference in gain between treatments in any of the three years the trial was conducted.