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Appendix A: Test schedule

T	Controller inputs		Outputs		Inputs		Steel temp	Pressure	CO	Avg Fuel
	Δ, 0 = manual	% C in crop	DMG, %	DMG, %	%C	Temp				
1	1	0.01	87.50	0.0734	18.51	19.01	32.31	1.95	6.0	
2	1	0.01	87.40	0.0721	18.56	18.88	31.53	1.91	6.2	
3	1	0.03	87.40	0.0708	18.52	18.75	31.57	1.91	5.6	
4	0	0.01	87.48	0.0778	18.55	18.81	32.34	1.91	5.0	
5	1	0.01	87.45	0.0713	18.54	18.78	32.28	1.92	5.9	
6	1	0.14	87.44	0.072	18.53	18.93	31.99	1.91	5.8	
7	1	0.23	87.43	0.0746	18.55	18.84	31.93	1.95	5.7	
8	0	0.05	87.43	0.0641	18.54	18.83	32.13	1.91	9.5	
9	0	0.07	87.40	0.0717	18.54	18.65	32.31	1.92	0.41	
10	1	0.01	87.30	0.0694	18.56	18.73	32.33	1.93	0.16	
11	0	0.26	87.38	0.0702	18.55	18.63	31.74	1.95	0.1	
12	0	0.03	87.37	0.0726	18.54	18.73	31.74	1.96	0.83	
13	1	0.04	87.36	0.0699	18.56	18.71	32.31	1.92	0.7	
14	0	0.38	87.35	0.0809	18.54	18.83	31.84	1.96	0.17	
15	1	0.15	87.31	0.0747	18.56	18.66	31.1	1.91	6.8	
16	1	0.04	87.34	0.0735	18.54	18.84	32.4	1.91	5.8	
17	0	0.01	87.31	0.0722	18.56	18.33	32.5	1.99	0.1	
18	1	0.00	87.30	0.071	18.56	18.23	31.17	1.93	0.3	
19	1	0.19	87.29	0.0782	18.55	18.23	28.84	1.99	76.0	
20	0	0.16	87.27	0.075	18.56	18.64	27.5	1.91	0.4	
21	0	0.05	87.26	0.0758	18.56	18.3	27.3	1.96	0.3	
22	0	0.04	87.25	0.073	18.56	18.18	27.5	1.91	0.3	
23	1	0.26	87.24	0.0788	18.53	18.99	30.11	1.9	66.2	
24	1	0.30	87.23	0.0784	18.53	18.17	28.7	1.91	5.7	
25	0	0.08	87.21	0.071	18.55	18.38	27.4	1.91	0.7	
26	1	0.13	87.20	0.0793	18.53	18.27	29.7	1.95	1.79	
27	1	0.22	87.18	0.0722	18.53	18.01	31.3	1.91	0.1	
28	0	0.40	87.18	0.0809	18.55	18.45	28.77	1.91	0.1	
29	0	0.15	87.1	0.0758	18.56	18.6	28.77	1.91	0.1	