

## -APPENDIX C

## ROOTING DEPTHS FOR EXPERIMENTAL SITES

Table C1. Rooting depths for experimental sites at Aurora and Plymouth, N.C.

Julian Date	Root Depth	Crop	Julian Date	Root Depth	Crop
Aurora - 1973, 1974*			Aurora - 1976		
001	3 cm	fallow	001	5	wheat
069	3	plant potato	041	9	wheat
089	5	potato	075	15	wheat
106	12	potato	106	25	wheat
136	25	potato	140	25	wheat
172	25	harvest potato	168	8	wheat harvest
173	3	fallow	169	4	wheat
199	3	plant soybean	175	4	stubble plant soybean
220	10	soybean			(notil)
232	20	soybean	195	10	soybeans
240	25	soybean	210	20	soybeans
275	25	soybean	217	25	soybeans
290	20	soybean	265	25	soybeans
308	10	harvest soybean	280	20	soybeans
319	3	fallow	314	10	soybeans
365	3	fallow	320	3	harvest beans
			366	3	fallow
Aurora - 1975			Aurora - 1977		
001	3	fallow	001	3	fallow
112	3	plant corn	119	3	plant corn
130	4	corn	137	4	corn
143	15	corn	150	15	corn
157	25	corn	165	25	corn
177	30	corn	179	30	corn
205	30	corn	205	30	corn
230	20	corn ready to harvest	232	20	corn
248	10	harvest	248	10	harvest corn
249	3	fallow			
316	3	plant wheat	249	3	fallow
330	5	wheat	365	3	fallow
365	5	wheat			

\* Crops grown on the Aurora site in 1973 and 1974 were the same with only slight differences in potato harvesting dates and soybean harvesting dates. In 1974 potatoes were harvested on day 167, beans planted on day 192 and harvested on day 332.

Table C1. Continued. Rooting depths for experimental sites.

Julian Date	Root Depth	Crop	Julian Date	Root Depth	Crop
Plymouth - 1973, 1974, 1975			Plymouth - 1977		
001	3	fallow	001	5	wheat
106	3	plant corn	041	6	wheat
124	4	corn	075	12	wheat
137	15	corn	106	18	wheat
151	25	corn	125	25	wheat
171	30	corn	150	25	wheat
199	30	corn	168	8	harvest
232	20	corn			wheat
267	10	harvest	169	3	fallow
268	3	fallow	175	3	plant
266	3	fallow			soybean
Plymouth - 1976			195	10	soybean
001	3	fallow	210	20	soybean
106	3	plant corn	217	25	soybean
124	4	corn	265	25	soybean
137	15	corn	280	25	soybean
151	25	corn	314	10	harvest
171	30	corn			soybean
199	30	corn	320	3	fallow
232	20	corn	365	3	fallow
267	10	harvest			
268	3	fallow			
315	3	plant			
		wheat			
366	5	wheat			