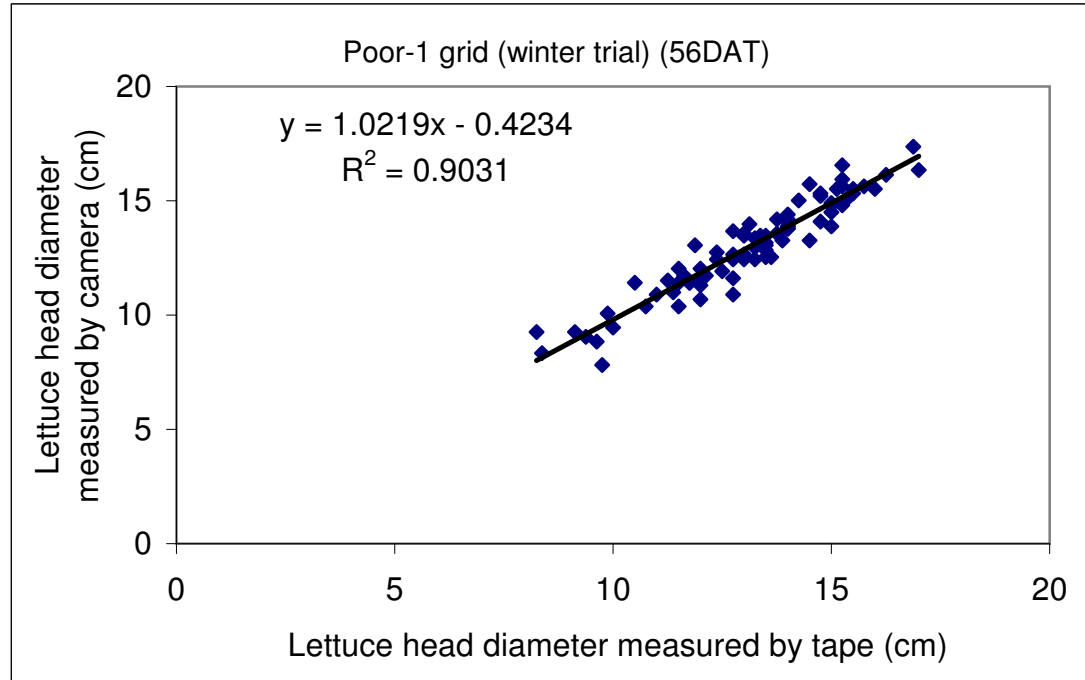


Appendix 5.1 B

Example of lettuce head diameter linear correlation (56 DAT)--Poor-1 grid (winter trial)

Bed No	Can No	Plant No	Head dia. Measured by tape (cm)	Green pixel (No.)	Head dia. Measured by camera (from 1.15 m height) (cm)
1	1	1	16.25	314	16.14
		2	16.88	338	17.37
	2	3	15.00	282	14.49
		4	15.25	310	15.93
	3	5	12.75	212	10.90
		6	9.75	152	7.81
	4	7	13.38	256	13.16
		8	12.13	228	11.72
	5	9	13.38	262	13.47
		10	12.75	226	11.62
	6	11	12.00	234	12.03
		12	11.75	222	11.41
2	7	13	12.00	208	10.69
		14	15.00	288	14.80
	8	15	14.00	270	13.88
		16	13.00	246	12.64
	9	17	11.50	202	10.38
		18	14.75	274	14.08
	10	19	14.75	298	15.32
		20	15.00	290	14.91
	11	21	13.75	276	14.19
		22	12.00	220	11.31
	12	23	14.50	306	15.73
		24	13.00	262	13.47
3	13	25	12.50	232	11.92



		26	13.00	242	12.44
	14	27			
		28	11.88	254	13.06
	15	29	12.75	266	13.67
		30	11.63	226	11.62
	16	31	12.38	242	12.44
		32	13.50	250	12.85
	17	33	11.00	212	10.90
		34	13.88	258	13.26
	18	35	13.50	244	12.54
		36	9.63	172	8.84
4	19	37	12.75	242	12.44
		38	13.63	244	12.54
	20	39	13.25	252	12.95
		40	12.00	226	11.62
	21	41	11.38	214	11.00
		42	11.50	222	11.41
	22	43	10.75	202	10.38
		44	9.38	176	9.05
	23	45	8.38	162	8.33
		46	11.50	234	12.03
	24	47	10.50	222	11.41
		48	13.13	272	13.98
5	25	49	12.75	246	12.64
		50	13.25	260	13.36
	26	51	13.50	256	13.16
		52	11.75	222	11.41
	27	53	13.00	264	13.57
		54	10.00	184	9.46
	28	55	14.00	270	13.88
		56	13.25	242	12.44
	29	57	14.00	280	14.39
		58	15.50	302	15.52
	30	59	15.25	322	16.55
		60	14.75	296	15.21
6	31	61	14.00	276	14.19

		62	11.25	224	11.51
	32	63	14.50	258	13.26
		64	12.38	248	12.75
	33	65	9.13	180	9.25
		66	11.63	228	11.72
	34	67	13.75	264	13.57
		68	15.50	298	15.32
	35	69	15.25	288	14.80
		70	17.00	318	16.35
	36	71	15.25	304	15.63
		72	14.00	268	13.78
7	37	73	15.13	302	15.52
		74	16.00	302	15.52
	38	75	8.25	180	9.25
		76	15.00	270	13.88
	39	77	14.25	292	15.01
		78	9.88	196	10.07
	40	79	13.50	262	13.47
		80	14.00	274	14.08
	41	81	15.38	294	15.11
		82	15.75	304	15.63
	42	83	13.50	254	13.06
		84	14.00	268	13.78