

APPENDIX C

MAIZE YIELD DATA

Notes:

- * GH is general harvest, exclusive of test plots
PT indicates plots cultivated by an informant
C indicates control plots for the fertilizer tests (refer to Chapter VI, Table 17)
- ** total weights of grain from plots include estimates for classes of ears for which data were lost or not taken
- *** all loss figures are means which should be referred to the listed sample size for evaluation of accuracy

CULTIVATION SITE: KOXILA

Plot*	Class	Variety	state	Number	% Sample	wt. dry grain (g)	Weights		Weight Loss	
							plot total** wt. (kg)	grain (%)	Cob (%)	ear (%)***
GH	1	q?an	smoked	10	3.04	57	175.6	3.13	14.48	12.19
	2	q?an	smoked	10	3.94	238		3.49	10.58	6.55
	3	q?an	smoked	10	2.52	590		1.89	17.79	6.63
	4	q?an	smoked	10	3.55	848		2.96	18.59	6.37
	4	kaq	smoked	10	16.95	981		1.15	6.61	2.25
	4	q?eq	smoked	10	50.00	842		3.87	8.40	4.83
	4	šu?uy	smoked	10	62.50	964		3.95	6.08	4.54
	5	q?an	smoked	10	1.85	1497		5.72	10.56	6.80
	5	kaq	smoked	5	7.25	885		+2.56	+30.98	+9.18
	PT (GH)	1	q?an	damp	10	13.70	68	28.2	18.49	46.69
2		q?an	damp	10	8.26	284		15.95	20.81	18.40
3		q?an	damp	10	5.75	672		10.53	24.23	14.60
4		q?an	damp	10	13.16	615		11.39	10.64	11.19
5		q?an	damp	5	8.92	703		9.15	4.41	7.78
1		saq	damp	10	14.71	36	21.1	31.54	50.59	47.17
2		saq	damp	10	13.51	221		18.71	24.99	22.21
3		saq	damp	10	9.34	567		16.64	14.67	15.90
4		saq	damp	10	11.76	941		11.00	8.95	10.43
5		saq	damp	5	16.67	782		10.39	5.26	9.00
1A	1	q?an+kaq	damp	5	4.44	39	3.5	7.05	18.30	14.29
	2	q?an+kaq	damp	5	50.00	113		6.96	15.39	10.97
	3	q?an+kaq	smoked	5	80.00	255		5.38	11.95	7.65
	4	q?an+kaq	smoked	5	38.46	428		5.62	16.52	8.14
	5	q?an+kaq	damp	1	11.11	193		3.19	11.78	4.26
1B	1	q?an+kaq	smoked	5	9.61	60	10.1	0.00	6.66	6.66
	2	q?an+kaq	smoked	5	26.32	190		0.16	9.20	5.30
	3	q?an+kaq	smoked	5	71.43	360		8.64	8.05	8.49
	4	q?an+kaq	smoked	5	71.43	502		0.00	6.36	6.36
	5	q?an+kaq	smoked	5	62.50	652		0.00	8.18	8.18
C1	1	q?an+kaq	damp	5	37.59	28	14.4	0.00	28.50	28.50
	2	q?an+kaq	damp	5	27.78	105		4.98	13.79	9.28
	3	q?an+kaq	smoked	5	45.45	306		3.62	16.39	7.17
	4	q?an+kaq	smoked	5	21.74	411		5.30	22.86	10.30
	5	q?an+kaq	smoked	5	8.47	930		4.37	12.70	5.93

CULTIVATION SITE: KOXILA (Continued)

Plot*	Class	Variety	State	Number	% Sample	Weights		Weight Loss		
						wt. dry grain (g)	plot total** wt. (kg)	grain (%)	Cob (%)	ear (%)***
2	1	son	damp	5	29.41	23	13.57	11.75	34.80	30.58
	2	son	smoked	5	55.55	125		8.08	27.89	17.44
	3	son	damp	5	33.33	241		5.49	28.18	13.60
	4	son	smoked	5	22.73	550		6.46	21.50	9.84
	5	son	smoked	5	14.29	808		0.00	11.35	11.35
	6	q?an	smoked	5	17.86	680		3.06	13.80	5.34
C2	1	son+q?an	smoked	5	16.13	26	14.65	0.00	37.19	37.19
	2	son+q?an	smoked	5	18.52	94		8.34	19.75	14.42
	3	son+q?an	smoked	5	13.16	255		9.09	27.55	17.34
	4	son+q?an	damp	5	11.90	510		8.60	12.60	9.57
	5	son+q?an	smoked	5	10.42	751		4.32	17.62	7.28
3	1	--	--	--	--	--	20.5	--	--	--
	2	--	--	--	--	--		--	--	--
	3	--	--	--	--	--		--	--	--
	4	--	--	--	--	--		--	--	--
	5	q?an	smoked	6	8.50	842		5.71	6.98	6.05
4	1	--	--	--	--	--		--	--	--
	2	--	--	--	--	--		--	--	--
	3	--	--	--	--	--		--	--	--
	4	--	--	--	--	--		--	--	--
	5	q?an+q?eq	smoked	5	8.46	953		1.19	15.51	4.67
5	1	--	--	--	--	--		0.3	--	--
	2	--	--	--	--	--		--	--	--
	3	--	--	--	--	--		--	--	--
	4	--	--	--	--	--		--	--	--
	5	q?eq	--	0	--	nil		nil	nil	nil
6	1	saq	damp	10	13.51	45	16.1	11.12	28.99	25.29
	2	saq	damp	10	12.50	184		10.96	35.60	24.38
	3	saq	smoked	10	9.62	496		5.39	21.30	10.57
	4	saq	damp	10	14.49	771		11.22	18.56	13.12
	5	saq	smoked	5	37.04	709		7.38	7.36	7.38

CULTIVATION SITE: ČAXANEĀ

Plot*	Class	Variety	State	Number	% Sample	Weights		Weight Loss		
						wt. dry grain (g)	plot total** wt. (kg)	grain (%)	Cob (%)	ear (%)***
GH	1	q?an	damp	10	1.64	111	150.4	32.73	--	--
	2	q?an	damp	10	1.75	263		27.27	--	--
	3	q?an	damp	10	1.79	652		23.02	--	--
	4	q?an	damp	10	3.52	1176		17.29	--	--
	5	q?an	damp	10	2.77	1661		9.92	20.27	11.33
PT	1	q?an	--	--	--	--		--	--	--
	2	q?an	--	--	--	--		--	--	--
	3	q?an	--	--	--	--		--	--	--
	4	q?an	--	--	--	--		--	--	--
	5	q?an	--	--	--	--		--	--	--
1A	1	q?an	smoked	5	29.41	40	3.2	7.05	16.50	13.41
	2	q?an	damp	5	35.71	68		4.23	8.10	6.12
	3	q?an	smoked	5	26.32	252		5.25	13.90	7.92
	4	q?an	damp	5	50.00	354		5.08	4.74	5.00
	5	q?an	damp	1	12.50	145		1.97	8.97	3.20
1B	1	q?an	smoked	5	50.00	57	3.7	9.60	17.15	14.24
	2	q?an	damp	5	29.41	189		3.32	9.63	6.49
	3	q?an	damp	5	41.67	289		5.56	15.39	8.16
	4	q?an	damp	5	35.71	468		4.59	14.50	7.21
	5	q?an	smoked	3	20.00	462		1.21	5.80	2.33
2	1	q?an	smoked	5	23.81	34	19.2	8.10	5.96	6.67
	2	q?an	smoked	5	9.80	88		0.00	4.44	4.44
	3	q?an	smoked	5	8.93	278		0.00	1.51	1.51
	4	q?an	smoked	5	31.25	366		4.18	10.91	6.13
	5	q?an	smoked	10	9.43	1304		+2.35	16.59	2.80
3	1	q?an+kaq	damp	5	35.71	255	3.8	10.51	27.10	20.42
	2	q?an+kaq	damp	5	23.81	141		3.74	18.40	10.86
	3	q?an+kaq	damp	5	33.33	235		6.72	17.60	9.74
	4	q?an+kaq	smoked	5	55.56	363		7.74	23.33	12.22
	5	q?an+kaq	smoked	1	10.00	110		2.42	7.05	3.60
4	1	q?an	smoked	5	35.71	37	9.3	0.00	19.00	19.00
	2	q?an	smoked	5	17.24	88		5.90	18.70	10.07
	3	q?an	damp	5	14.71	306		1.93	4.32	3.30
	4	q?an	damp	5	20.00	445		4.30	15.60	7.03
	5	q?an	smoked	5	15.15	666		2.52	13.29	5.32

CULTIVATION SITE: SAŠA?AN

Plot*	Class	Variety	state	Number	% Sample	Weights		Weight Loss		
						wt. dry grain (g)	plot total** wt. (kg)	grain (%)	Cob (%)	ear (%)***
(high)	GH 5	q?an	smoked	10	10.31	1607	21.8	9.40	19.29	12.39
	GH 1	q?an+kaq	damp	10	5.78	77	95.2	25.00	--	--
	(lo 2	q?an+kaq	damp	10	2.95	383		13.45	--	--
	+ 3	q?an+kaq	damp	10	2.95	703		16.50	23.59	19.37
	hi) 4	q?an+kaq	damp	10	5.05	1143		13.90	9.08	12.64
(low only)	GH 5	q?an+kaq	smoked	10	3.63	1256		6.90	8.68	7.39
1	1	kaq	damp	10	50.00	116	19.9	18.22	38.39	33.34
	2	kaq	damp	10	37.04	326		11.51	25.39	18.66
	3	kaq	damp	10	25.64	786		12.88	4.68	10.48
	4	kaq	damp	10	58.82	1032		8.55	5.89	7.87
	5	kaq	smoked	5	15.15	808		6.79	19.25	10.04
2	5	q?an	smoked	5	10.64	816		7.96	19.53	10.91
	1	q?an	damp	10	52.63	85	12.9	11.72	44.80	35.53
	2	q?an	damp	10	38.46	434		12.52	34.10	23.28
	3	q?an	damp	10	25.00	629		13.95	23.30	17.14
	4	q?an	damp	10	58.82	1018		11.56	7.00	8.77
3	5	q?an	smoked	5	9.26	680		0.83	13.01	4.37
	1	q?an	damp	10	83.33	60		+31.00	45.75	34.28
	2	q?an	damp	10	90.91	210		12.94	27.39	20.12
	3	q?an	damp	10	31.25	612		10.38	8.40	9.67
	4	q?an	damp	10	43.48	930		+9.32	12.79	+2.74
5	q?an	smoked	5	8.06	757		27.84	13.24	24.43	