

144	cotton	63.3		1	0	0	1	0	1	1
144	cotton			1	0	0	1	0	1	1
144	cotton			1	1	0	1	0	1	1
144	cotton		105.8	1	0	0	1	0	1	1
144	cotton	85.2		1	0	0	1	0	1	1
144	cotton			1	0	0	1	0	1	1
144	cotton			1	0	0	1	0	1	1
144	cotton		18.9	1	0	0	1	0	1	1
144	cotton		17.4	1	0	0	1	0	1	1
144	cotton			1	0	0	1	0	1	1
144	cotton		-52.9	1	0	0	1	0	1	1
144	cotton			213.2	1	0	0	1	0	1
144	cotton			1	0	0	1	0	1	1
144	cotton		-63.0	1	0	0	1	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			1	1	0	0	0	1	1
207	maize		21.8	1	0	0	0	0	1	1
207	maize			1	1	0	0	0	1	1
207	maize			1	1	0	0	0	1	1
207	maize		0.9	1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize		-3.4	1	0	0	0	0	1	1
207	maize			-55.9	1	0	0	0	0	1
207	maize			1	0	0	0	0	1	1
207	maize		0.0	1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize	10.5		1	0	0	0	0	1	1
207	maize		0.8	1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize	25.0		1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			83.3	1	0	0	0	0	1
207	maize			1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			71.9	1	0	0	0	0	1
207	maize			1	0	0	0	0	1	1
207	maize			1	1	0	0	0	1	1
207	maize		-0.7	1	0	0	0	0	1	1
207	maize		0.0	1	0	0	0	0	1	1
207	maize			154.1	1	0	0	0	0	1
207	maize			13.1	1	0	0	0	0	1
207	maize	11.1		1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			-68.5	1	0	0	0	0	1
207	maize		-0.7	1	0	0	0	0	1	1
207	maize		0.0	1	0	0	0	0	1	1
207	maize			30.0	1	0	0	0	0	1
207	maize			1	0	0	0	0	1	1
207	maize	14.5		1	0	0	0	0	1	1
207	maize		0.0	1	0	0	0	0	1	1
207	maize	16.7		1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
207	maize			58.9	1	0	0	0	0	1
207	maize			45.2	1	0	0	0	0	1
207	maize			1	1	0	0	0	1	1
207	maize		0.0	1	0	0	0	0	1	1
207	maize			1	0	0	0	0	1	1
215	soybean	12.0		0	0	1	0	1	1	1
215	soybean	10.6		0	0	1	0	1	1	1
215	soybean	7.4		0	0	1	0	1	1	1
215	soybean	3.7		0	0	1	0	1	1	1
215	soybean	12.0		0	0	1	0	1	1	1
215	soybean	16.9		0	0	1	0	1	1	1
215	soybean	2.0		0	0	1	0	1	1	1
215	soybean	12.7		0	0	1	0	1	1	1

215	soybean	2.3			0	0	1	0	1	1	1
215	soybean	2.0			0	0	1	0	1	1	1
242	cotton	25.6			1	0	0	1	1	1	1
242	cotton	52.6			1	0	0	1	1	1	1
242	cotton	60.4			1	0	0	1	1	1	1
270	cotton		-66.1		1	0	0	1	0	1	1
312	soybean	0.6			0	0	0	0	1	1	1
334	cotton	21.8			1	0	0	0	1	1	1
334	cotton	2.5			1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton	-2.0			1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton	18.8			1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton	34.4			1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
334	cotton	13.5			1	0	0	0	1	1	1
334	cotton	7.2			1	0	0	0	1	1	1
334	cotton	15.7			1	0	0	0	1	1	1
334	cotton	19.1			1	0	0	0	1	1	1
334	cotton				1	0	0	0	1	1	1
396	maize	1.1			1	0	0	0	1	1	1
396	maize	1.4			1	0	0	0	1	1	1
504	maize				1	1	0	0	0	1	1
504	maize		-1.3		1	0	0	0	0	1	1
504	maize				1	0	0	0	0	1	1
504	maize			14.4	1	0	0	0	0	1	1
504	maize				1	0	0	0	0	1	1
527	soybean	17.0			0	0	0	0	1	1	1
527	soybean	8.3			0	0	0	0	1	1	1
527	soybean	55.6			0	0	0	0	1	1	1
639	soybean		-5.2		0	0	0	0	0	0	0
639	soybean	28.8			0	0	0	0	0	0	0
639	soybean			-8.9	0	0	0	0	0	0	0
639	soybean	-4.3			0	0	0	0	0	0	0
643	soybean		12.1		0	0	1	0	1	1	1
643	soybean			-2.2	0	0	1	0	1	1	1
643	soybean	1.7			0	0	1	0	1	1	1
768	soybean	18.7			0	0	0	0	1	1	1
768	soybean		-34.2		0	0	0	0	1	1	1
768	soybean	-10.9			0	0	0	0	1	1	1
768	soybean		-27.9		0	0	0	0	1	1	1
768	soybean			-7.4	0	0	0	0	1	1	1
768	soybean	9.6			0	0	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean	-20.0			0	0	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean		-20.9		0	0	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean	1.1			0	0	0	0	1	1	1
768	soybean	-6.6			0	0	0	0	1	1	1
768	soybean					1	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean		-9.7		0	0	0	0	1	1	1
768	soybean				0	1	0	0	1	1	1
768	soybean					1	0	0	1	1	1
768	soybean				1	0	0	0	1	1	1
768	soybean		-14.3		0	0	0	0	1	1	1
768	soybean	-16.6			0	0	0	0	1	1	1
768	soybean			-2.8	0	0	0	0	1	1	1
768	soybean			-11.8	0	0	0	0	1	1	1

768	soybean			0	1	0	0	1	1	1
768	soybean	26.4		0	0	0	0	1	1	1
768	soybean			0	1	0	0	1	1	1
804	cotton		-82.2	1	0	0	1	0	1	1
804	cotton			1	0	0	1	0	1	1
804	cotton	5.8		1	0	0	1	0	1	1
804	cotton		-80.6	1	0	0	1	0	1	1
856	soybean			0	0	0	1	1	1	1
856	soybean		-86.8	0	0	0	1	1	1	1
856	soybean			0	0	0	1	1	1	1
962	cotton			1	0	0	0	0	1	1
962	cotton	-4.0		0	0	0	0	0	1	1
962	cotton		0.6	1	0	0	0	0	1	1
962	soybean			0	0	0	0	0	1	1
962	soybean		-23.6	0	0	0	0	0	1	1
962	soybean	18.2		0	0	0	0	0	1	1
962	cotton		-12.8	0	0	0	0	0	1	1
962	cotton			0	0	0	0	0	1	1
962	cotton			1	0	0	0	0	1	1
962	cotton			0	0	0	0	0	1	1
962	soybean			0	0	0	0	0	1	1
962	cotton			0	0	0	0	0	1	1
962	cotton		-14.5	1	0	0	0	0	1	1
962	cotton	6.1		1	0	0	0	0	1	1
962	soybean			0	0	0	0	0	1	1
962	cotton			0	0	0	0	0	1	1
962	soybean	15.4		0	0	0	0	0	1	1
962	soybean	13.0		0	0	0	0	0	1	1
962	cotton	-7.9		1	0	0	0	0	1	1
962	soybean			0	0	0	0	0	1	1
962	cotton	-10.4		0	0	0	0	0	1	1
962	soybean		-27.8	0	0	0	0	0	1	1
962	cotton		-22.5	0	0	0	0	0	1	1
962	soybean		-33.0	0	0	0	0	0	1	1
962	soybean	-14.7		0	0	0	0	0	1	1
962	soybean		-41.4	0	0	0	0	0	1	1
1018	soybean				1	0	0	1	0	0
1018	soybean				1	0	0	1	0	0
1018	soybean	-5.3		0	0	0	0	1	0	0
1018	soybean	-5.9		0	0	0	0	1	0	0
1018	soybean	-2.8		0	0	0	0	1	0	0
1018	soybean				1	0	0	1	0	0
1018	soybean	-13.1		0	0	0	0	1	0	0
1018	soybean				1	0	0	1	0	0
1092	soybean			0	0	0	1	0	1	1
1092	soybean			0	1	0	1	0	1	1
1092	soybean			0	0	0	1	0	1	1
1092	soybean			0	1	0	1	0	1	1
1097	cotton	-9.1		1	0	0	1	0	1	1
1100	cotton			6.7	1	0	0	0	1	1
1100	cotton	-55.4		1	0	0	0	0	1	1
1100	cotton			74.2	1	0	0	0	1	1
1100	cotton	-76.2		1	0	0	0	0	1	1
1103	maize	38.2		0	0	0	1	0	1	1
1103	maize			1	0	0	1	0	1	1
1103	maize			1	0	0	1	0	1	1
1103	maize	1.8		1	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize			0	0	0	1	0	1	1
1103	maize		-29.0	1	0	0	1	0	1	1
1103	maize			1	0	0	1	0	1	1
1103	maize			1	0	0	1	0	1	1

1141	cotton		2.1	1	0	0	1	0	1	1
1141	cotton			1	0	0	1	0	1	1
1141	cotton	39.1		1	1	0	1	0	1	1
1141	cotton	62.8		1	0	0	1	0	1	1
1141	cotton			1	0	0	1	0	1	1
1141	cotton			1	0	0	1	0	1	1
1141	cotton		14.7	1	0	0	1	0	1	1
1141	cotton	45.0		1	0	0	1	0	1	1
1141	cotton		-83.3	1	0	0	1	0	1	1
1147	maize			0	0	0	0	0	1	1
1147	soybean			0	0	0	0	0	1	1
1147	soybean			0	1	0	0	0	1	1
1147	cotton			0	1	0	0	0	1	1
1147	soybean			0	1	0	0	0	1	1
1147	cotton			0	0	0	0	0	1	1
1147	cotton			0	1	0	0	0	1	1
1159	maize	31.0		1	0	0	1	0	1	1
1159	maize	-3.0		0	0	0	1	0	1	1
1159	maize	21.0		0	0	0	1	0	1	1
1159	maize	32.0		1	0	0	1	0	1	1
1159	maize	9.3		0	0	0	1	0	1	1
1159	maize	14.0		1	0	0	1	0	1	1
1159	maize	4.0		1	0	0	1	0	1	1
1159	maize	32.0		0	0	0	1	0	1	1
1159	maize	94.0		0	0	0	1	0	1	1
1159	maize	11.9		0	0	0	1	0	1	1
1159	maize	10.0		0	0	0	1	0	1	1
1159	maize	25.0		1	0	0	1	0	1	1
1159	maize				1	0	1	0	1	1
1159	maize	29.0		1	0	0	1	0	1	1
1159	maize	4.2		1	0	0	1	0	1	1
1159	maize	10.3		0	0	0	1	0	1	1
1159	maize	94.0		0	0	0	1	0	1	1
1159	maize	10.1		0	0	0	1	0	1	1
1159	maize	22.0		1	0	0	1	0	1	1
1159	maize	21.0		1	0	0	1	0	1	1
1159	maize	8.0		0	0	0	1	0	1	1
1159	maize	21.0		1	0	0	1	0	1	1
1159	maize	12.0		0	0	0	1	0	1	1
1159	maize	9.0		0	0	0	1	0	1	1
1159	maize	10.0		0	0	0	1	0	1	1
1159	maize	16.0		1	0	0	1	0	1	1
1159	maize	8.0		1	0	0	1	0	1	1
1159	maize	33.0		0	0	0	1	0	1	1
1159	maize	22.0		1	0	0	1	0	1	1
1163	cotton	33.0		1	0	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton		-77.0	1	0	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton	34.0		1	0	0	1	0	1	1
1163	cotton		-33.0	1	0	0	1	0	1	1
1163	cotton	24.0		1	0	0	1	0	1	1
1163	cotton		-47.0	1	0	0	1	0	1	1
1163	cotton		-65.0	1	0	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton	9.0		1	0	0	1	0	1	1
1163	cotton	22.0		1	0	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton				1	0	1	0	1	1
1163	cotton		-41.0	1	0	0	1	0	1	1
1164	cotton	49.5		1	0	0	1	0	1	1
1164	cotton			1	0	0	1	0	1	1

1194	cotton			1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton			1	1	0	1	0	1	1	
1194	cotton		-63.0	1	0	0	1	0	1	1	
1194	cotton		-12.4	1	0	0	1	0	1	1	
1194	cotton		-17.6	1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton		-4.3	1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton	55.4		1	0	0	1	0	1	1	
1194	cotton	100.5		1	0	0	1	0	1	1	
1194	cotton		-77.8	1	0	0	1	0	1	1	
1194	cotton			1	1	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton		-53.2	1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton		18.9	1	0	0	1	0	1	1	
1194	cotton			1	0	0	1	0	1	1	
1194	cotton		17.4	1	0	0	1	0	1	1	
1195	cotton	20.0		1	0	0	0	1	1	1	
1195	cotton		-66.7	1	0	0	0	1	1	1	
1199	soybean	29.2		0	0	1	0	0	1	1	
1199	soybean		-83.6	0	0	1	0	0	1	1	
1199	soybean	33.3		0	0	1	0	0	1	1	
1199	soybean		-18.7	0	0	1	0	0	1	1	
1199	soybean			127.2	0	0	1	0	0	1	1
1199	soybean			0	0	1	0	0	1	1	
1199	soybean	34.8		0	0	1	0	0	1	1	
1199	soybean			0	0	1	0	0	1	1	
1199	soybean			0	0	1	0	0	1	1	
1199	soybean			183.9	0	0	1	0	0	1	1
1199	soybean			0	0	1	0	0	1	1	
1199	soybean		-16.5	0	0	1	0	0	1	1	
1199	soybean			185.4	0	0	1	0	0	1	1
1199	soybean			0	0	1	0	0	1	1	
1199	soybean			0	0	1	0	0	1	1	
1199	soybean		-43.1	0	0	1	0	0	1	1	
1205	maize	54.4		1	0	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize	54.9		1	0	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize	96.8		1	0	0	1	0	1	1	
1205	maize	62.0		1	0	0	1	0	1	1	
1205	maize	21.0		1	0	0	1	0	1	1	
1205	maize	30.0		1	0	0	1	0	1	1	
1205	maize	62.0		1	0	0	1	0	1	1	
1205	maize	34.0		1	0	0	1	0	1	1	
1205	maize	52.3		1	0	0	1	0	1	1	
1205	maize	32.0		1	0	0	1	0	1	1	
1205	maize	26.0		1	0	0	1	0	1	1	
1205	maize				1	0	1	0	1	1	
1205	maize	85.4		1	0	0	1	0	1	1	
1213	maize			0	1	1	0	0	1	1	
1213	cotton			0	1	1	0	0	1	1	
1213	soybean			0	1	1	0	0	1	1	
1215	maize			1	0	0	1	0	1	1	
1215	maize	25.5		1	0	0	1	0	1	1	
1215	maize			1	0	0	1	0	1	1	
1215	maize			1	0	0	1	0	1	1	

1243	cotton			1.3	1	0	0	1	0	1	1	
1243	cotton		-58.1		1	0	0	1	0	1	1	
1243	cotton				1	0	0	1	0	1	1	
1243	cotton				1	0	0	1	0	1	1	
1243	cotton				1	0	0	1	0	1	1	
1243	cotton		-62.4		1	0	0	1	0	1	1	
1243	cotton				1	0	0	1	0	1	1	
1255	cotton			-47.6	1	0	0	1	0	1	1	
1255	cotton			-57.1	1	0	0	1	0	1	1	
1255	cotton				1	0	0	1	0	1	1	
1255	cotton			-7.0	1	0	0	1	0	1	1	
1255	cotton	45.3			1	0	0	1	0	1	1	
1255	cotton	63.0			1	0	0	1	0	1	1	
1255	cotton				1	0	0	1	0	1	1	
1255	cotton				1	0	0	1	0	1	1	
1255	cotton				1	0	0	1	0	1	1	
1255	cotton			-32.3	1	0	0	1	0	1	1	
1266	cotton	19.6			1	0	0	0	0	1	1	
1266	cotton	-11.9			0	0	0	0	0	1	1	
1266	cotton			5.0	1	0	0	0	0	1	1	
1266	cotton			59.9	1	0	0	0	0	1	1	
1266	cotton			-84.1	1	0	0	0	0	1	1	
1266	cotton	8.6			1	0	0	0	0	1	1	
1266	cotton			-22.5	0	0	0	0	0	1	1	
1266	cotton			-23.4	0	0	0	0	0	1	1	
1266	cotton			-57.5	1	0	0	0	0	1	1	
1266	cotton	15.0			1	0	0	0	0	1	1	
1266	cotton	26.1			1	0	0	0	0	1	1	
1266	cotton			-22.9	1	0	0	0	0	1	1	
1268	cotton				1	0	0	1	0	1	1	
1268	cotton			36.3	1	0	0	1	0	1	1	
1268	cotton				1	0	0	1	0	1	1	
1268	cotton				1	0	0	1	0	1	1	
1268	cotton			-46.1	1	0	0	1	0	1	1	
1268	cotton				53.8	1	0	0	1	0	1	1
1268	cotton	34.3			1	0	0	1	0	1	1	
1268	cotton	32.4			1	0	0	1	0	1	1	
1268	cotton				33.6	1	0	0	1	0	1	1
1268	cotton				1	0	0	1	0	1	1	
1268	cotton				28.9	1	0	0	1	0	1	1
1278	soybean				0	1	0	0	0	1	1	
1278	soybean				0	1	0	0	0	1	1	
1291	soybean					1	0	0	0	1	1	
1291	soybean				0	0	0	0	0	1	1	
1291	soybean				0	0	0	0	0	1	1	
1291	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean				69.6	0	1	0	0	1	1	
1363	soybean				0	1	0	0	0	1	1	
1363	maize				1	1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	maize				-154.8	1	1	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean				41.5	0	1	0	0	1	1	
1363	maize				0	1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	soybean					1	0	0	0	1	1	
1363	maize				0	1	0	0	0	1	1	
1363	soybean				0	1	0	0	0	1	1	

1363	soybean				1	0	0	0	1	1
1363	soybean				1	0	0	0	1	1
1363	soybean				1	0	0	0	1	1
1382	soybean			6.8	0	0	0	1	0	0
1382	soybean		-57.1		0	0	0	1	0	0
1382	soybean			4.5	0	0	0	1	0	0
1382	soybean			-1.8	0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean			5.4	0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean		-55.9		0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean		-53.1		0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean			4.2	0	0	0	1	0	0
1382	soybean		-60.6		0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean		-57.3		0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean	2.9			0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean			6.3	0	0	0	1	0	0
1382	soybean	4.2			0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean	0.0			0	0	0	1	0	0
1382	soybean		-57.5		0	0	0	1	0	0
1382	soybean		0.0		0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1382	soybean				0	0	0	1	0	0
1458	cotton				0	1	0	0	1	1
1458	cotton				1	1	0	0	1	1
1550	cotton		-82.2		1	0	0	1	0	1
1550	cotton		-80.6		1	0	0	1	0	1
1550	cotton				1	0	0	1	0	1
1550	cotton	5.8			1	0	0	1	0	1
1550	cotton				1	0	0	1	0	1
1550	cotton		-58.2		1	1	0	1	0	1
1550	cotton	16.2			1	1	0	1	0	1
1550	cotton				1	0	0	1	0	1
1550	cotton				1	0	0	1	0	1
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1559	maize				1	1	1	0	0	0
1570	cotton				1	0	0	1	0	0
1570	cotton				1	0	0	1	0	0
1570	cotton	5.8			1	0	0	1	0	0
1570	cotton		-58.2		1	1	0	1	0	0
1570	cotton		-80.6		1	0	0	1	0	0

1570	cotton			1	0	0	1	0	0	0
1570	cotton				1	0	1	0	0	0
1570	cotton		-82.2	1	0	0	1	0	0	0
1570	cotton	15.0		1	1	0	1	0	0	0
1593	cotton			1	0	0	1	0	1	1
1593	cotton	2.5		1	0	0	1	0	1	1
1593	cotton		-21.6	1	0	0	1	0	1	1
1593	cotton	4.3		1	0	0	1	0	1	1
1593	cotton		-80.3	1	0	0	1	0	1	1
1593	cotton			1	0	0	1	0	1	1
1618	soybean	16.1		0	0	0	0	0	1	1
1618	soybean		-33.9	0	0	0	0	0	1	1
1618	soybean		-4.5	0	0	0	0	0	1	1
1618	soybean	3.0		0	0	0	0	0	1	1
1618	soybean		-10.7	0	0	0	0	0	1	1
1618	soybean		8.8	0	0	0	0	0	1	1
1618	soybean	8.4		0	0	0	0	0	1	1
1618	soybean		-33.9	0	0	0	0	0	1	1
1618	soybean		-3.9	0	0	0	0	0	1	1
1618	soybean		-0.9	0	0	0	0	0	1	1
1618	soybean		-27.2	0	0	0	0	0	1	1
1618	soybean		-30.9	0	0	0	0	0	1	1
1618	soybean	-3.3		0	0	0	0	0	1	1
1618	soybean		-44.8	0	0	0	0	0	1	1
1618	soybean		-0.9	0	0	0	0	0	1	1
1618	soybean	-1.8		0	0	0	0	0	1	1
1618	soybean	14.3		0	0	0	0	0	1	1
1618	soybean		11.9	0	0	0	0	0	1	1
1618	soybean		8.9	0	0	0	0	0	1	1
1618	soybean		11.0	0	0	0	0	0	1	1
1618	soybean		-12.2	0	0	0	0	0	1	1
1631	cotton	-34.8		1	0	0	1	0	0	0
1631	cotton			1	0	0	1	0	0	0
1631	cotton		-6.6	1	0	0	1	0	0	0
1631	cotton			1	0	0	1	0	0	0
1631	cotton		11.4	1	0	0	1	0	0	0
1631	cotton		-7.1	1	0	0	1	0	0	0
1639	cotton	67.6		1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1639	cotton	77.2		1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1639	cotton			1	0	0	1	0	1	1
1689	cotton	17.7		1	0	0	1	0	0	1
1689	cotton		-37.9	1	0	0	1	0	0	1
1689	cotton	59.8		1	0	0	1	0	0	1
1689	cotton			1	0	0	1	0	0	1
1689	cotton		-12.5	1	0	0	1	0	0	1
1689	cotton			10.9	1	0	1	0	0	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton		-53.2	1	0	0	1	0	1	1
1697	cotton	85.2		1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton	63.3		1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton	56.3		1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton		-63.0	1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			105.8	1	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1
1697	cotton			1	0	0	1	0	1	1

1697	cotton			1	0	0	1	0	1	1
1697	cotton		-52.9	1	0	0	1	0	1	1
1697	cotton			213.2	1	0	0	1	0	1
1697	cotton			1	0	0	1	0	1	1
1734	cotton	61.1		1	0	0	1	0	1	1
1734	cotton				1	0	1	0	1	1
1734	cotton		-62.3	1	0	0	1	0	1	1
1778	cotton			1	1	0	1	0	1	1
1797	cotton			155.3	1	0	0	1	1	1
1797	cotton	2.3		1	0	0	1	1	1	1
1797	cotton			1	0	0	1	1	1	1
1797	cotton			1	0	0	1	1	1	1
1797	cotton	2.6		1	0	0	1	1	1	1
1797	cotton			1	0	0	1	1	1	1
1797	cotton		-27.2	1	0	0	1	1	1	1
1797	cotton		-22.8	1	0	0	1	1	1	1
1797	cotton		-21.6	1	0	0	1	1	1	1
1797	cotton	0.5		1	0	0	1	1	1	1
1809	cotton	3.9		1	0	0	1	0	1	1
1809	cotton			-1.3	1	0	0	1	0	1
1809	cotton	39.8		1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			1	0	0	1	0	1	1
1809	cotton			57.7	1	0	0	1	0	1
1813	cotton				1	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton		-56.4	1	0	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton	18.5		1	0	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton	13.8		1	0	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton		-59.2	1	0	0	1	0	1	1
1813	cotton	45.8		1	0	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton				1	0	1	0	1	1
1813	cotton		-24.9	1	0	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton		-39.9	1	0	0	1	0	1	1
1815	cotton			19.6	1	0	0	1	0	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton		-83.0	1	0	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton			452.6	1	0	0	1	0	1
1815	cotton		-61.1	1	1	0	1	0	1	1
1815	cotton			1	0	0	1	0	1	1
1815	cotton	83.7		1	0	0	1	0	1	1
1842	cotton			1	0	0	1	0	0	0
1842	cotton			17.3	1	0	0	1	0	0
1842	cotton		-12.3	1	0	0	1	0	0	0
1842	cotton			1	0	0	1	0	0	0
1842	cotton	3.4		1	0	0	1	0	0	0
1842	cotton			8.1	1	0	0	1	0	0
1842	cotton	5.4		1	0	0	1	0	0	0
1842	cotton			-8.9	1	0	0	1	0	0
1842	cotton			1	0	0	1	0	0	0
1864	cotton	9.8		1	0	0	0	0	0	1

2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2002	cotton				1	0	0	1	0	1	1
2007	cotton					1	1	1	0	1	1
2007	cotton	-26.7			1	0	1	1	0	1	1
2007	cotton					1	1	1	0	1	1
2007	cotton				1	0	1	1	0	1	1
2007	cotton		13.2		1	0	1	1	0	1	1
2007	cotton				1	0	1	1	0	1	1
2007	cotton					1	1	1	0	1	1
2007	cotton	16.6			1	0	1	1	0	1	1
2007	cotton		-27.0		1	0	1	1	0	1	1
2007	cotton					1	1	1	0	1	1
2025	cotton	10.4			1	0	0	1	0	1	1
2025	cotton	-1.1			1	0	0	1	0	1	1
2025	cotton	27.5			1	0	0	1	0	1	1
2025	cotton	-9.7			1	0	0	1	0	1	1
2025	cotton	16.5			1	0	0	1	0	1	1
2029	cotton	58.9			1	1	0	1	0	1	1
2029	cotton	31.9			1	0	0	1	0	1	1
2029	cotton	46.8			1	1	0	1	0	1	1
2029	cotton		-75.6		1	0	0	1	0	1	1
2029	cotton		-21.2		1	0	0	1	0	1	1
2029	cotton			5.4	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton		-18.9		1	0	0	1	0	1	1
2029	cotton			56.0	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton			18.5	1	0	0	1	0	1	1
2029	cotton	34.2			1	0	0	1	0	1	1
2029	cotton	72.9			1	0	0	1	0	1	1
2029	cotton			-40.1	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton			13.1	1	0	0	1	0	1	1
2029	cotton		-32.2		1	0	0	1	0	1	1
2029	cotton	26.7			1	1	0	1	0	1	1
2029	cotton			15.4	1	0	0	1	0	1	1
2029	cotton		-48.9		1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton			228.7	1	0	0	1	0	1	1
2029	cotton	-50.4			1	0	0	1	0	1	1
2029	cotton		-43.8		1	0	0	1	0	1	1
2029	cotton	43.0			1	0	0	1	0	1	1
2029	cotton		-38.4		1	0	0	1	0	1	1
2029	cotton	-3.1			1	0	0	1	0	1	1
2029	cotton		-40.9		1	0	0	1	0	1	1
2029	cotton			69.0	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton			172.2	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton	-43.9			1	0	0	1	0	1	1
2029	cotton			16.8	1	0	0	1	0	1	1
2029	cotton				1	0	0	1	0	1	1
2029	cotton		-72.9		1	0	0	1	0	1	1
2032	cotton				1	0	0	1	0	0	1
2032	cotton		0.0		1	0	0	1	0	0	1
2068	cotton	42.6			1	1	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0

2068	cotton	2.3			1	0	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0
2068	cotton				1	0	0	1	0	0	0
2075	cotton				95.0	1	0	0	1	0	1
2075	cotton				94.6	1	0	0	1	0	1
2075	cotton			34.7		1	0	0	1	0	1
2075	cotton	48.1				1	0	0	1	0	1
2075	cotton					1	0	0	1	0	1
2075	cotton			4.7		1	0	0	1	0	1
2075	cotton	65.2				1	0	0	1	0	1
2075	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-42.4		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton	3.1				1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-68.5		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton	15.4		-62.1		1	0	0	1	0	1
2101	cotton					1	1	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton	10.2				1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-45.4		1	0	0	1	0	1
2101	cotton					1	1	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-54.9		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-61.1		1	0	0	1	0	1
2101	cotton	26.4				1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			0.3		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-2.4		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-1.0		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton			-49.9		1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2101	cotton					1	0	0	1	0	1
2111	cotton					0	0	0	0	0	0
2111	soybean					0	0	0	0	0	0
2111	soybean					0	1	0	0	0	0
2111	maize					0	0	0	0	0	0
2136	cotton						1	0	1	0	1
2136	cotton						1	0	1	0	1
2136	cotton						1	0	1	0	1
2136	cotton						1	0	1	0	1
2147	cotton	46.2					1	0	0	1	0
2147	cotton						1	0	0	1	0
2147	cotton			-33.3			1	0	0	1	0
2147	cotton						1	0	0	1	0
2181	cotton					86.9	1	0	0	1	0
2181	cotton						1	0	0	1	0
2181	cotton			-1.0			1	0	0	1	0
2181	cotton						1	0	0	1	0
2181	cotton	53.6					1	0	0	1	0
2181	cotton						1	0	0	1	0
2181	cotton						1	0	0	1	0
2181	cotton			-2.2			1	0	0	1	0
2181	cotton	54.3					1	0	0	1	0
2181	cotton					90.0	1	0	0	1	0
2187	cotton						1	0	0	0	0
2187	cotton						1	0	0	0	0
2187	cotton						1	0	0	0	0
2194	cotton						1	0	0	0	0
2194	cotton						1	0	0	0	0
2194	cotton						1	0	0	0	0
2194	cotton						1	0	0	0	0
2196	maize						1	0	0	0	0

2199	cotton	22.3			1	0	0	1	0	1	1	
2210	cotton			-4.7	1	0	0	1	0	0	0	
2210	cotton			-80.0	1	0	0	1	0	0	0	
2210	cotton	-45.4			1	0	0	1	0	0	0	
2210	cotton			-45.4	1	0	0	1	0	0	0	
2210	cotton			-43.1	1	0	0	1	0	0	0	
2210	cotton				-90.4	1	0	0	1	0	0	
2210	cotton			-12.9	1	0	0	1	0	0	0	
2210	cotton	-43.1			1	0	0	1	0	0	0	
2219	cotton			-59.5	1	0	0	1	0	1	1	
2219	cotton			-51.1	1	0	0	1	0	1	1	
2219	cotton			-46.0	1	0	0	1	0	1	1	
2219	cotton	32.0			1	0	0	1	0	1	1	
2219	cotton	34.2			1	0	0	1	0	1	1	
2219	cotton			-50.4	1	0	0	1	0	1	1	
2219	cotton	35.0			1	0	0	1	0	1	1	
2219	cotton	39.1			1	0	0	1	0	1	1	
2232	cotton			-67.1	1	0	0	1	0	1	1	
2232	cotton	22.0			1	0	0	1	0	1	1	
2232	cotton					1	0	1	0	1	1	
2278	cotton				128.7	1	0	0	1	0	0	1
2278	cotton				69.0	1	0	0	1	0	0	1
2278	cotton			-21.3	1	0	0	1	0	0	1	
2278	cotton	35.0			1	0	0	1	0	0	1	
2278	cotton	34.2			1	0	0	1	0	0	1	
2278	cotton			-51.1	1	0	0	1	0	0	1	
2278	cotton	42.7			1	0	0	1	0	0	1	
2278	cotton			-50.4	1	0	0	1	0	0	1	
2278	cotton				70.3	1	0	0	1	0	0	1
2326	maize	36.4			1	1	0	0	0	0	1	
2326	maize	44.5			1	1	0	0	0	0	1	
2332	cotton	43.7			1	0	0	1	1	1	1	
2332	cotton	45.4			1	0	0	1	1	1	1	
2347	cotton				151.2	1	0	0	1	0	1	1
2347	cotton					1	0	0	1	0	1	1
2347	cotton					1	0	0	1	0	1	1
2347	cotton					1	0	0	1	0	1	1
2347	cotton			-30.8	1	0	0	1	0	1	1	
2347	cotton				1	0	0	1	0	1	1	
2347	cotton				1	0	0	1	0	1	1	
2347	cotton	30.4			1	0	0	1	0	1	1	
2347	cotton			-8.9	1	0	0	1	0	1	1	
2347	cotton				1	0	0	1	0	1	1	
2361	cotton			-68.1	1	0	0	1	0	1	1	
2361	cotton			-31.4	1	1	0	1	0	1	1	
2361	cotton			-48.0	1	0	0	1	0	1	1	
2361	cotton			-31.5	1	0	0	1	0	1	1	
2361	cotton				1	0	0	1	0	1	1	
2361	cotton			-22.8	1	0	0	1	0	1	1	
2361	cotton				1	1	0	1	0	1	1	
2361	cotton			-32.7	1	0	0	1	0	1	1	
2361	cotton			-54.7	1	0	0	1	0	1	1	
2361	cotton				1	0	0	1	0	1	1	
2361	cotton				1	0	0	1	0	1	1	
2361	cotton				1	1	0	1	0	1	1	
2361	cotton				1	0	0	1	0	1	1	
2361	cotton				1	1	0	1	0	1	1	
2362	maize					1	1	0	0	0	0	
2362	cotton					1	1	0	0	0	0	
2362	soybean					1	1	0	0	0	0	
2372	cotton	60.5			1	0	0	1	0	1	1	
2372	cotton	18.3			1	0	0	1	0	1	1	
2372	cotton	55.0			1	0	0	1	0	1	1	
2372	cotton			-46.6	1	0	0	1	0	1	1	
2372	cotton	33.3			1	0	0	1	0	1	1	
2372	cotton			-54.8	1	0	0	1	0	1	1	
2372	cotton			-48.6	1	0	0	1	0	1	1	

2372	cotton	-9.7				1	0	0	1	0	1	1
2372	cotton		-42.0			1	0	0	1	0	1	1
2372	cotton		-57.1			1	0	0	1	0	1	1
2383	maize					1	1	0	1	1	1	1
2383	maize	27.5				1	0	0	1	1	1	1
2383	maize	61.1				1	0	0	1	1	1	1
2383	maize					1	0	0	1	1	1	1
2383	maize	29.9				1	0	0	1	1	1	1
2383	maize					1	0	0	1	1	1	1
2383	maize	29.7				1	0	0	1	1	1	1
2383	maize	55.1				1	0	0	1	1	1	1
2383	maize	40.3				1	0	0	1	1	1	1
2383	maize				13.6	1	0	0	1	1	1	1
2384	cotton					1	0	0	1	0	1	1
2384	cotton					1	0	0	1	0	1	1
2384	cotton					1	0	0	1	0	1	1
2384	cotton					1	0	0	1	0	1	1
2389	maize	16.4				0	0	0	0	0	1	1
2389	maize	20.7				1	0	0	0	0	1	1
2399	maize	33.1				1	1	0	0	0	0	1
2399	maize	12.4				1	0	0	0	0	0	1
2399	maize		-44.4			1	0	0	0	0	0	1
2409	cotton	5.1				1	0	0	1	1	1	1
2409	cotton	3.8				1	0	0	1	1	1	1
2410	cotton					1	1	0	1	0	1	1
2410	cotton					1	1	0	1	0	1	1
2410	cotton					1	1	0	1	0	1	1
2410	cotton					1	1	0	1	0	1	1
2414	soybean	12.5				0	1	1	0	0	0	0
2414	soybean	30.2				0	1	1	0	0	0	0
2414	soybean	7.0				0	1	1	0	0	0	0
2433	maize	25.5				1	1	0	1	0	1	1
2433	maize					1	1	0	1	0	1	1
2433	maize		-74.5			1	1	0	1	0	1	1
2433	maize					1	1	0	1	0	1	1
2433	maize					1	1	0	1	0	1	1
2433	maize					1	1	0	1	0	1	1
2433	maize		33.0			1	1	0	1	0	1	1
2433	maize	14.7				1	1	0	1	0	1	1
2433	maize				53.8	1	1	0	1	0	1	1
2433	maize		-65.3			1	1	0	1	0	1	1
2433	maize		73.8			1	1	0	1	0	1	1
2433	maize				78.3	1	1	0	1	0	1	1
2435	cotton					1	0	0	1	0	0	0
2435	cotton	28.1				1	0	0	1	0	0	0
2435	cotton					1	0	0	1	0	0	0
2435	cotton		-21.2			1	0	0	1	0	0	0
2435	cotton					1	0	0	1	0	0	0
2435	cotton				35.0	1	0	0	1	0	0	0
2435	cotton			-15.6		1	0	0	1	0	0	0
2435	cotton			10.7		1	0	0	1	0	0	0
2435	cotton					1	0	0	1	0	0	0
2443	cotton					1	0	0	1	0	1	1
2443	cotton	4.2				1	0	0	1	0	1	1
2443	cotton					1	0	0	1	0	1	1
2443	cotton					1	0	0	1	0	1	1
2443	cotton					1	0	0	1	0	1	1
2443	cotton					1	0	0	1	0	1	1
2454	cotton					1	0	0	1	0	0	0
2454	cotton					1	0	0	1	0	0	0
2454	cotton		-58.2			1	0	0	1	0	0	0
2454	cotton					1	0	0	1	0	0	0
2476	cotton	12.4				1	1	0	1	0	0	0
2476	cotton					1	1	0	1	0	0	0
2476	cotton	14.2				1	1	0	1	0	0	0
2476	cotton					1	1	0	1	0	0	0
2476	cotton					1	1	0	1	0	0	0

2476	cotton	19.0			1	1	0	1	0	0	0
2487	cotton	19.3			1	0	0	1	1	1	1
2487	cotton	48.5			1	0	0	1	1	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize		-28.7		1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize	34.3			1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize			88.8	1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2488	maize				1	0	0	1	0	1	1
2502	cotton			4.6	1	0	0	1	0	1	1
2502	cotton	6.8			1	0	0	1	0	1	1
2502	cotton	-1.7			1	0	0	1	0	1	1
2502	cotton			-3.1	1	0	0	1	0	1	1
2502	cotton	5.0			1	0	0	1	0	1	1
2502	cotton			11.0	1	0	0	1	0	1	1
2502	cotton	4.8			1	0	0	1	0	1	1
2521	cotton				1	0	0	1	1	0	0
2523	maize	0.1			1	0	0	0	0	1	1
2523	maize	0.3			0	0	0	0	0	1	1
2529	cotton		4.2		1	0	0	1	0	1	1
2529	cotton				1	0	0	1	0	1	1
2529	cotton				1	1	0	1	0	1	1
2529	cotton			102.0	1	0	0	1	0	1	1
2529	cotton		-37.0		1	0	0	1	0	1	1
2529	cotton	35.3			1	0	0	1	0	1	1
2529	cotton			93.2	1	0	0	1	0	1	1
2529	cotton	36.7			1	0	0	1	0	1	1
2529	cotton				1	0	0	1	0	1	1
2529	cotton				1	1	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton			8.2	1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2551	cotton		-33.3		1	0	0	1	0	1	1
2551	cotton				1	0	0	1	0	1	1
2555	maize	34.7			1	0	0	1	0	0	1
2555	maize		-80.0		1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize		-66.2		1	0	0	1	0	0	1
2555	maize	25.5			1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	1	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize	12.6			1	0	0	1	0	0	1
2555	maize	20.4			1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize		-74.7		1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	1	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	0	0	1	0	0	1
2555	maize				1	1	0	1	0	0	1
2555	maize				1	1	0	1	0	0	1
2555	maize				1	1	0	1	0	0	1

2555	maize			1	0	0	1	0	0	1	
2555	maize	-74.2		1	0	0	1	0	0	1	
2555	maize			1	1	0	1	0	0	1	
2556	maize	0.0		1	0	0	0	0	0	1	
2556	maize	20.0		1	0	0	0	0	0	1	
2556	maize			1	1	0	0	0	0	1	
2556	maize		23.0	1	1	0	0	0	0	1	
2556	maize	23.0		1	1	0	0	0	0	1	
2562	cotton	44.7		1	0	0	1	0	0	1	
2562	cotton	61.0		1	0	0	1	0	0	1	
2562	cotton		-21.1	1	0	0	1	0	0	1	
2562	cotton			40.9	1	0	0	1	0	0	1
2562	cotton			75.7	1	0	0	1	0	0	1
2562	cotton		-27.8	1	0	0	1	0	0	1	
2562	cotton			1	0	0	1	0	0	1	
2562	cotton			1	0	0	1	0	0	1	
2571	cotton		-26.8	1	0	0	1	0	0	1	
2571	cotton		-47.1	1	0	0	1	0	0	1	
2571	cotton	5.9		1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton		-4.2	1	0	0	1	0	0	1	
2571	cotton			17.9	1	0	0	1	0	0	1
2571	cotton	39.4		1	0	0	1	0	0	1	
2571	cotton			77.7	1	0	0	1	0	0	1
2571	cotton			1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton		4.5	1	0	0	1	0	0	1	
2571	cotton		-21.1	1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton			1	0	0	1	0	0	1	
2571	cotton		-52.8	1	0	0	1	0	0	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton		-9.6	1	0	0	1	0	1	1	
2577	cotton	39.2		1	1	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton		-18.2	1	0	0	1	0	1	1	
2577	cotton			1.5	1	0	0	1	0	1	1
2577	cotton	-29.8		1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton	41.2		1	1	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton		17.0	1	0	0	1	0	1	1	
2577	cotton	31.6		1	0	0	1	0	1	1	
2577	cotton			1	0	0	1	0	1	1	
2577	cotton		11.5	1	0	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2580	cotton				1	0	1	0	1	1	
2580	cotton	64.9		1	0	0	1	0	1	1	
2580	cotton	11.2		1	1	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2580	cotton		-8.3	1	0	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2580	cotton	36.2		1	1	0	1	0	1	1	
2580	cotton			1	0	0	1	0	1	1	
2601	cotton		11.9	1	0	0	1	0	1	1	

2601	cotton				1	0	0	1	0	1	1
2601	cotton				1	0	0	1	0	1	1
2601	cotton				1	0	0	1	0	1	1
2601	cotton				1	0	0	1	0	1	1
2601	cotton	43.4			1	0	0	1	0	1	1
2601	cotton		-23.9		1	0	0	1	0	1	1
2632	maize			16.5	1	1	0	0	0	1	1
2632	maize	17.1			1	1	0	0	0	1	1
2702	soybean				0	0	0	0	0	0	0
2702	soybean	1.2			0	0	0	0	0	0	0
2702	soybean				0	0	0	0	0	0	0
2702	soybean	3.1			0	0	0	0	0	0	0
2771	maize			30.0	1	0	0	1	0	1	1
2771	maize			27.6	0	0	0	1	0	1	1
2771	maize		-68.8		0	0	0	1	0	1	1
2771	maize			-5.1	0	0	0	1	0	1	1
2771	maize	4.9			1	0	0	1	0	1	1
2771	maize			0.4	1	0	0	1	0	1	1
2771	maize		-90.8		1	0	0	1	0	1	1
2771	maize					1	0	1	0	1	1
2771	maize	0.0			0	0	0	1	0	1	1
2776	cotton		-29.9		1	0	0	0	0	0	0
2776	cotton	-53.5			1	0	0	0	0	0	0
2776	cotton	3.4			1	0	0	0	0	0	0
2778	cotton		-64.0		1	0	0	0	0	0	0
2778	cotton			-35.1	1	0	0	0	0	0	0
2778	cotton	5.0			1	0	0	0	0	0	0
2778	cotton			-38.2	1	0	0	0	0	0	0
2779	maize				1	0	0	0	0	0	1
2779	maize	2.0			1	0	0	0	0	0	1
2779	soybean				0	0	0	0	0	0	1
2779	soybean	-3.6			0	0	0	0	0	0	1
2779	soybean		-23.6		0	0	0	0	0	0	1
2779	maize				1	0	0	0	0	0	1
2779	soybean			-22.0	0	0	0	0	0	0	1
2780	soybean			-26.1	0	0	0	0	0	0	0
2780	soybean				0	0	0	0	0	0	0
2780	maize				1	0	0	0	0	0	0
2780	maize			12.5	1	0	0	0	0	0	0
2780	soybean			-6.4	0	0	0	0	0	0	0
2780	soybean		-26.4		0	0	0	0	0	0	0
2780	maize				1	0	0	0	0	0	0
2801	soybean	13.0			0	0	0	0	0	1	1
2801	soybean	-14.7			0	0	0	0	0	1	1
2801	soybean			2.5	0	0	0	0	0	1	1
2801	soybean			3.7	0	0	0	0	0	1	1
2801	soybean			6.2	0	0	0	0	0	1	1
2801	soybean	18.2			0	0	0	0	0	1	1
2801	soybean	15.4			0	0	0	0	0	1	1
2801	soybean			4.9	0	0	0	0	0	1	1
2827	cotton		-24.0		1	0	0	1	0	1	1
2827	cotton			22.3	1	0	0	1	0	1	1
2827	cotton			-27.2	1	0	0	1	0	1	1
2827	cotton				1	0	0	1	0	1	1
2827	cotton	23.4			1	0	0	1	0	1	1
2827	cotton				1	0	0	1	0	1	1
2836	cotton			-18.0	1	1	0	1	0	0	0
2836	cotton			5.9	1	1	0	1	0	0	0
2836	cotton			36.5	1	0	0	1	0	0	0
2836	cotton	28.5			1	0	0	1	0	0	0
2836	cotton			3.3	1	1	0	1	0	0	0
2836	cotton				1	0	0	1	0	0	0
2836	cotton	46.3			1	0	0	1	0	0	0
2836	cotton	44.6			1	0	0	1	0	0	0
2836	cotton				1	1	0	1	0	0	0
2836	cotton				1	0	0	1	0	0	0

2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton		-28.2	1	0	0	1	0	0	0
2836	cotton		13.5	1	1	0	1	0	0	0
2836	cotton			58.1	1	0	1	0	0	0
2836	cotton		5.6	1	0	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			106.9	1	1	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			164.1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			75.8	1	0	1	0	0	0
2836	cotton			247.1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton		13.7	1	0	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton		-21.3	1	0	0	1	0	0	0
2836	cotton		-28.5	1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton		13.7	1	0	0	1	0	0	0
2836	cotton	43.7		1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			74.5	1	1	1	0	0	0
2836	cotton		-54.5	1	0	0	1	0	0	0
2836	cotton	35.4		1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton			143.2	1	1	1	0	0	0
2836	cotton	24.7		1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton	35.4		1	0	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton		-44.8	1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	1	0	1	0	0	0
2836	cotton			1	0	0	1	0	0	0
2836	cotton		-18.0	1	0	0	1	0	0	0
2875	cotton			1	0	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton	-17.4		1	0	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton		-5.0	1	0	0	1	0	0	0
2875	cotton			1	0	0	1	0	0	0
2875	cotton			1	0	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	0	0	1	0	0	0
2875	cotton		-50.0	1	0	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton	-25.0		1	0	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0
2875	cotton			1	1	0	1	0	0	0

2875	cotton			1	1	0	1	0	0	0
2875	cotton		-58.4	1	0	0	1	0	0	0
2875	cotton			1	0	0	1	0	0	0
2896	maize	7.1		1	0	0	0	0	0	0
2896	soybean	-3.2		0	0	0	0	0	0	0
2896	maize	19.6		1	0	0	0	0	0	0
2896	soybean	-0.8		0	0	0	0	0	0	0
2896	maize	-0.1		1	0	0	0	0	0	0
2896	soybean	-4.2		0	0	0	0	0	0	0
2896	soybean	-6.1		0	0	0	0	0	0	0
2896	maize	14.8		1	0	0	0	0	0	0
2896	soybean	2.8		0	0	0	0	0	0	0
2896	maize	14.2		1	0	0	0	0	0	0
2896	soybean	-1.2		0	0	0	0	0	0	0
2896	soybean	17.6		0	0	0	0	0	0	0
2896	maize	5.8		1	0	0	0	0	0	0
2896	maize	13.0		1	0	0	0	0	0	0
2896	soybean	-10.8		0	0	0	0	0	0	0
2896	maize	-4.2		1	0	0	0	0	0	0
2896	maize	23.6		1	0	0	0	0	0	0
2896	maize	5.2		1	0	0	0	0	0	0
2896	soybean	15.1		0	0	0	0	0	0	0
2896	soybean	3.9		0	0	0	0	0	0	0
2896	soybean	28.3		0	0	0	0	0	0	0
2896	soybean	8.7		0	0	0	0	0	0	0
2896	soybean	2.6		0	0	0	0	0	0	0
2896	maize	14.1		1	0	0	0	0	0	0
2896	soybean	-3.9		0	0	0	0	0	0	0
2896	maize	-17.4		1	0	0	0	0	0	0
2896	maize	-40.7		1	0	0	0	0	0	0
2896	soybean	15.0		0	0	0	0	0	0	0
2896	soybean	0.0		0	0	0	0	0	0	0
2896	maize	12.1		1	0	0	0	0	0	0
2896	maize	9.7		1	0	0	0	0	0	0
2930	cotton		-71.3	1	0	0	1	0	0	1
2930	cotton	46.0		1	0	0	1	0	0	1
2930	cotton	26.6		1	0	0	1	0	0	1
2930	cotton		-78.5	1	0	0	1	0	0	1
2930	cotton	58.2		1	0	0	1	0	0	1
2930	cotton			211.7	1	0	1	0	0	1
2930	cotton		-80.5	1	0	0	1	0	0	1
2930	cotton		-71.5	1	0	0	1	0	0	1
2930	cotton		-71.6	1	0	0	1	0	0	1
2930	cotton			46.0	1	0	1	0	0	1
2930	cotton		-63.7	1	0	0	1	0	0	1
2930	cotton			162.6	1	0	1	0	0	1
2930	cotton	49.9		1	0	0	1	0	0	1
2930	cotton		-81.7	1	0	0	1	0	0	1
2930	cotton		-72.3	1	0	0	1	0	0	1
2930	cotton		-88.1	1	0	0	1	0	0	1
2930	cotton		-68.2	1	0	0	1	0	0	1
2930	cotton		-59.5	1	0	0	1	0	0	1
2930	cotton		-79.4	1	0	0	1	0	0	1
2930	cotton	32.8		1	0	0	1	0	0	1
2930	cotton		-62.0	1	0	0	1	0	0	1
2930	cotton		-78.5	1	0	0	1	0	0	1
2930	cotton			89.8	1	0	1	0	0	1
2930	cotton			8.3	1	0	1	0	0	1
2930	cotton	41.8		1	0	0	1	0	0	1
2984	cotton		63.2	1	0	0	1	0	0	0
2984	cotton		-57.9	1	0	0	1	0	0	0
2984	cotton	23.7		1	0	0	1	0	0	0
2984	cotton		-3.6	1	0	0	1	0	0	0
2984	cotton	25.0		1	0	0	1	0	0	0
2984	cotton	82.3		1	0	0	1	0	0	0
2984	cotton		-13.6	1	0	0	1	0	0	0
3022	maize	29.7		1	0	0	0	0	0	0

3022	maize	7.5			1	0	0	0	0	0	0
3022	maize	9.4			1	0	0	0	0	0	0
3022	maize			-2.8	1	0	0	0	0	0	0
3022	maize				1	0	0	0	0	0	0
3022	maize				1	0	0	0	0	0	0
3022	maize	8.2			1	0	0	0	0	0	0
3047	cotton				1	0	0	1	0	1	1
3047	cotton				69.0	1	0	0	1	0	1
3047	cotton	34.2			1	0	0	1	0	1	1
3047	cotton	60.2			1	1	0	1	0	1	1
3047	cotton			-38.4	1	0	0	1	0	1	1
3047	cotton				1	0	0	1	0	1	1
3047	cotton	44.2		-40.9	1	1	0	1	0	1	1
3047	cotton				1	0	0	1	0	1	1
3047	cotton				1	0	0	1	0	1	1
3047	cotton				1	0	0	1	0	1	1
3047	cotton			-50.4	1	0	0	1	0	1	1
3047	cotton				16.8	1	0	0	1	0	1
3096	soybean				0	0	0	0	0	0	0
3096	soybean			-1.6	0	0	0	0	0	0	0
3096	cotton				1	0	0	0	0	0	0
3096	cotton			-6.8	1	0	0	0	0	0	0
3096	cotton			-9.1	1	0	0	0	0	0	0
3096	soybean			-8.0	0	0	0	0	0	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton				17.3	1	0	0	1	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton				10.4	1	0	0	1	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton	5.4			1	0	0	1	0	0	0
3128	cotton				1	0	0	1	0	0	0
3128	cotton				8.1	1	0	0	1	0	0
3128	cotton	-34.8			1	0	0	1	0	0	0
3128	cotton	3.4			1	0	0	1	0	0	0
3128	cotton				-8.9	1	0	0	1	0	0
3133	cotton				1	0	0	1	0	1	1
3133	cotton				1	0	0	1	0	1	1
3133	cotton	20.7			1	0	0	1	0	1	1
3133	cotton	29.6			1	0	0	1	0	1	1
3133	cotton				1	0	0	1	0	1	1
3133	cotton				1	0	0	1	0	1	1
3133	cotton				21.2	1	0	0	1	0	1
3133	cotton				27.2	1	0	0	1	0	1
3133	cotton				20.4	1	0	0	1	0	1
3133	cotton				41.0	1	0	0	1	0	1
3152	cotton	0.0			1	0	0	1	0	0	0
3152	cotton			-7.9	1	0	0	1	0	0	0
3152	cotton				15.4	1	0	0	1	0	0
3152	cotton				-5.1	1	0	0	1	0	0
3153	cotton				1	0	0	1	0	0	0
3153	cotton	-15.4			1	0	0	1	0	0	0
3153	cotton				1	0	0	1	0	0	0
3153	cotton				-48.3	1	0	0	1	0	0
3153	cotton				1	0	0	1	0	0	0
3153	cotton	-13.6			1	0	0	1	0	0	0
3153	cotton				-14.2	1	0	0	1	0	0
3153	cotton				20.8	1	0	0	1	0	0
3153	cotton	-16.7			1	0	0	1	0	0	0
3153	cotton				1	0	0	1	0	0	0
3153	cotton				1	0	0	1	0	0	0
3153	cotton				-38.6	1	0	0	1	0	0
3227	cotton	6.1			1	0	0	1	0	1	1
3227	cotton				1	0	0	1	0	1	1
3227	cotton				1	0	0	1	0	1	1
3239	cotton				0	1	0	0	0	0	0
3239	cotton				-5.4	0	0	0	0	0	0

3239	cotton	-3.4			0	0	0	0	0	0	0
3239	cotton		-3.5		0	0	0	0	0	0	0
3239	cotton	-21.3			0	0	0	0	0	0	0
3239	cotton			0.0	0	0	0	0	0	0	0
3239	cotton		-10.9		0	0	0	0	0	0	0
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton	-7.7			1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton	-4.4			1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton		-8.2		1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton	-10.0			1	0	0	1	0	1	1
3243	cotton	-5.6			1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3243	cotton		-63.5		1	0	0	1	0	1	1
3243	cotton		-22.7		1	0	0	1	0	1	1
3243	cotton		-39.5		1	0	0	1	0	1	1
3243	cotton				1	0	0	1	0	1	1
3246	maize	34.3			1	0	0	1	0	1	1
3246	maize		-51.9		1	0	0	1	0	1	1
3246	maize				1	0	0	1	0	1	1
3246	maize				1	0	0	1	0	1	1
3246	maize			-4.4	1	0	0	1	0	1	1
3246	maize	25.2			1	1	0	1	0	1	1
3247	cotton	17.6			1	0	0	1	0	0	0
3247	cotton				1	0	0	1	0	0	0
3247	cotton	9.2			1	0	0	1	0	0	0
3247	cotton				1	0	0	1	0	0	0
3247	cotton			-0.1	1	0	0	1	0	0	0
3247	cotton			-8.5	1	0	0	1	0	0	0
3247	cotton				131.0	1	0	0	1	0	0
3247	cotton			-22.2	1	0	0	1	0	0	0
3247	cotton				-4.8	1	0	0	1	0	0
3247	cotton	74.6			1	0	0	1	0	0	0
3247	cotton				1	0	0	1	0	0	0