LPPF=.75		80.1,
LP	- LABOR FORCE (PERSONS)	
P2 P3	- POPULATION, AGES 15-44 (PERSONS) - POPULATION, AGES 45-64 (PERSONS)	
LPPF	- LABOR FORCE PARTICIPATION FRACTION	
serry	(DIMENSIONLESS)	
11 N W W W A	- N W	81, A
UF.K=J.K/	- LABOR UTILIZATION FRACTION (DIMENSIONE	er, a
J	- JOBS (PERSONS)	
LF	- LABOR FORCE (PERSONS)	
upp v-cuo	OTH (LUF,K,LUPDT)	82, A
JUPD . K=SNO	OTH(LUF.K,LUFDT)	82.1.
LUFD	- LABOR UTILIZATION FRACTION DELAYED	
	(DIMENSIONLESS)	
LUF	- FIRST-ORDER EXPONENTIAL INFORMATION DE	Pec)
LUFDT	- LABOR UTILIZATION FRACTION (DIMENSIONAL - LABOR UTILIZATION FRACTION DELAY TIME	dian't
	(YEARS)	
	L(CUPT,LUFD,K,1,11,2)	83, A
UF=1	PICOLIANGENIULE LEVENIUL	83.1,
	.7/.3/.1/.1	83.2,
CUF	- CAPITAL UTILIZATION FRACTION	
	(DIMENSIONLESS)	
TABIL	- A PUNCTION WITH VALUES SPECIFIED BY A - CUP TABLE	TABLE
LUFD	- LABOR UTILIZATION FRACTION DELAYED	
2010	(DIMENSIONLESS)	
ACRICULT	URAL SECTOR	
LOOP 1:	POOD FROM INVESTMENT IN LAND DEVELOPMENT	
FC.K=AL.K	/parm	84. 2
ALT=3.2E9	* Production of the Production	84, A 84.1,
LPC	- LAND FRACTION CULTIVATED (DIMENSIONLES	
AL	- ARABLE LAND (HECTARES) - POTENTIALLY ARABLE LAND TOTAL (HECTARE	
PALT	- POTENTIALLY ARABLE LAND TOTAL (HECTARE	S)
AL.K-AL.J+	(DT) (LDR.JK-LER.JK-LRUI.JK)	85, L
T=VLI		85, L 85.1,
ALI=.9E9	ADAMA AND ANDONADOS	85.2,
AL DT	- ARABLE LAND (HECTARES) - TIME INTERVAL BETWEEN CONSECUTIVE	
	CALCULATIONS (YEARS)	
LDR	- LAND DEVELOPMENT RATE (HECTARES/YEAR)	
LER	- LAND EROSION RATE (HECTARES/YEAR)	
LRUI	- LAND REMOVAL FOR URBAN-INDUSTRIAL USE (HECTARES/YEAR)	
ALI	- ARABLE LAND INITIAL (HECTARES)	
AL-PALI	J+(DT)(-LDR.JK)	86, L 86.1,
ALI=2.3E9		86.2,
PAL	- POTENTIALLY ARABLE LAND (HECTARES)	2000
DT	- TIME INTERVAL BETWEEN CONSECUTIVE	
LDR	CALCULATIONS (YEARS) - LAND DEVELOPMENT RATE (HECTARES/YEAR)	
PALI	- POTENTIALLY ARABLE LAND INITIAL (HECTA	RES)
.K=LY.K*A	L.K*LPH*(1-PL)	87, A 87.1,
FH=.7		87.1,
F	- FOOD (VEGETABLE-EQUIVALENT KILOGRAMS/Y	EAR)
LY	- LAND YIELD (VEGETABLE-BOUIVALENT KILOG	RAMS/
	HECTARE-YEAR)	
AL	- ARABLE LAND (HECTARES)	
LFH	- LAND FRACTION HARVESTED (DIMENSIONLESS - PROCESSING LOSS (DIMENSIONLESS)	1
PC.K=F.K/		80, A
FPC	- FOOD PER CAPITA (VEGETABLE-EQUIVALENT KILOGRAMS/PERSON-YEAR)	
P	- POOD (VEGETABLE-EQUIVALENT KILOGRAMS/Y	EAR)
POP	- POPULATION (PERSONS)	

	AFFC		EQUIVALENT KILOGRAMS/PERSON-YEAR)	
	CLIP	-	A FUNCTION SWITCHED DURING THE RUN	
	IFPC2	-	IFPC, VALUE AFTER TIME=PYEAR (VEGETABLE	-
			EQUIVALENT KILOGRAMS/PERSON-YEAR)	
	IFPC1	-	IFPC, VALUE BEFORE TIME-PYEAR (VEGFTABLE	- E-
	TIME		EQUIVALENT KILOGRAMS/PERSON-YEAR) CURRENT TIME IN THE SIMULATION RUN	
	PYEAR		YEAR NEW POLICY IS IMPLEMENTED (YEAR)	
100/	1 Varia	5117	(TERCIT TORC E 0 1600 200)	90. A
FPC	1T=230.	/41	(IFPC1T,10PC.K,0,1600,200) 30/690/850/970/1070/1150/1210/1250	90, A 90.1, T
	IPPC1	-	IFPC, VALUE BEFORE TIME=PYEAR (VEGETAB)	CD-
			EQUIVALENT KILOGRAMS/PERSON-YEAR)	
	TABHL	-	A FUNCTION WITH VALUES SPECIFIED BY A '	PABLE
	IPPCIT	-	IFPC1 TABLE INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/	
	TOPC		PERSON-YEAR)	
FPDV	2 0-03	ner	(TERCOT TORC E 0.1600.200)	91, A
IFP	2T=230	/4	L(IFPC2T,IOPC.K,0,1600,200) 80/690/850/970/1070/1150/1210/1250	91.1. T
	IPPC2	-	IFPC, VALUE AFTER TIME=PYEAR (VEGETABLE	E-
			EQUIVALENT KILOGRAMS/PERSON-YEAR)	BANKE
	TABHL	-	A FUNCTION WITH VALUES SPECIFIED BY A IFFC2 TABLE	INDLE
	IFPC2T IOPC		TARREST AND AND AND CARTER (DOLLARS)	
	TOPC		INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/ PERSON-YEAR)	
	K=IO.K		7011 V	92, A
	TAI	-	TOTAL AGRICULTURAL INVESTMENT (DOLLARS,	/
			YEAR)	
	10	-	INDUSTRIAL OUTPUT (DOLLARS/YEAR) FRACTION OF INDUSTRIAL OUTPUT ALLOCATE	n 70
	FIOAA	-	AGRICULTURE (DIMENSIONLESS)	0 10
FIO	AA.K=CL	IP	(FIOAA2.K, FIOAA1.K, TIME.K, PYEAR)	93, A
	FIOAA	-	FRACTION OF INDUSTRIAL OUTPUT ALLOCATE AGRICULTURE (DIMENSIONLESS)	D TO
	CLIP		A FUNCTION SWITCHED DURING THE RUN	
	PIONA		FIGAA, VALUE AFTER TIME=PYEAR	
			(DIMENSIONLESS)	
	FIOAA1	-	FIGAA, VALUE BEFORE TIME-PYEAR	
			(DIMENSIONLESS)	
	TIME		CURRENT TIME IN THE SIMULATION RUN YEAR NEW POLICY IS IMPLEMENTED (YEAR)	
FIO	AA1.K=T	AB	HL(FIOAA1T,FPC.K/IFPC.K,0,2.5,.5)	94, A
FIO	AAlT=.4	1.	2/.1/.025/0/0 FIOAA, VALUE BEFORE TIME=PYEAR	94.1, 7
	FIOAAI	-	(DIMENSIONLESS)	
	TABIL	-	A FUNCTION WITH VALUES SPECIFIED BY A	TABLE
	FIGAAL	7-	FIGAA1 TABLE	
	FPC	-	FOOD PER CAPITA (VEGETABLE-EQUIVALENT	
			KILOGRAMS/PERSON-YEAR) INDICATED FOOD PER CAPITA (VEGETABLE-	
	IPPC	-	EQUIVALENT KILOGRAMS/PERSON-YEAR)	
PIO	AA2.K=T	AB	HL(PIOAA2T, FPC.K/IFPC.K,0,2.5,.5)	95, A 95.1, 7
FIO	AA2T=.4	1/.	2/.1/.025/0/0	32.1, 1
	FIOAA	-	FIGAA, VALUE AFTER TIME=PYEAR (DIMENSIONLESS)	
	TABIL	1	A FUNCTION WITH VALUES SPECIFIED BY A	TABLE
	FIOAA2	-	PYONA? TABLE	
	FPC		FOOD PER CAPITA (VEGETABLE-EQUIVALENT	
			EILOGRAMS/PERSON-YEAR) INDICATED FOOD PER CAPITA (VEGETABLE-	
	IPPC	1	EQUIVALENT KILOGRAMS/PERSON-YEAR)	
LDR	KL=TAI	. K	*FIALD.K/DCPH.K	96, R
	LDR	-	LAND DEVELOPMENT RATE (HECTARES/YEAR)	/
	TAI		TOTAL AGRICULTURAL INVESTMENT (DOLLARS	,
	PTALD		PRACTION OF INPUTS ALLOCATED TO LAND	
	LAMBO	005	DEVELOPMENT (DIMENSIONLESS)	

IPPC.K=CLIP(IFPC2.K,IFPC1.K,TIME.K,PYEAR) 89, A