AGRONOMIC RECOMMENDATIONS & CROP ROTATIONS FOR ZIMBABWE

FERTILISER (grams/cup)

Cup size	Comp. D	Comp. L	Gypsum	AN
# 2	2.2	2.2	2	1.8
# 5	5.5	5.5	5	4.4
# 8	8.8	8.8	8	7.1
# 12	13.2	13.2	12	10.8

RECOMMENDATIONS: variety x spacing x fertiliser

Natural Region I - III:-

							Fertiliser: cup size & rate:-									Depths of
	Suggested	Seed rate	Spacing after thinning(cm):-			Population	Comp. D:-		Comp. L:-		Gypsum	1st AN	2nd AN			planting
Crop	Varieties	(kg/ha)	Rows	In-row	No.seeds	(plants/ha)	Cup	kg/ha	Cup	kg/ha	kg/ha	Cup	Cup	kg/ha	Special instructions	(cm)
MAIZE	SC627	30	75	60	2	44,444	# 12	293				# 8	# 5		Plant 3 seeds/station, thin to 2.	4-7cm
	SC513/521															4-7cm
GROUNDNUT	Natal Common	80	75	4	1	333,333										3cm
	Nyanda															3cm
SUNFLOWER	PAN7369	6	75	60	2	44,444			# 5	122		# 5			Plant 3-4 seeds/station, thin to 2.	2-3cm
COTTON	S79214	25	75	60	1	22,222			# 8	196		# 5			Plant 4-6 seeds/station, thin to 1.	2
SORGHUM	Macia	10	75	10	1	133,333						# 12			) Drible seed (3-5cm apart)	2-3cm
SOYABEAN	Solitaire	80	75	10	1	133,333									) & thin to 10cm spacing	1-2cm

Natural Region IV-V:-

							Fertiliser: cup size & rate:-								
	Suggested	Seed rate	Spacing after thinning(cm):-			Population	Comp. D:-		Comp. L:-		Gypsum	1st AN	2nd AN		
Crop	Varieties	(kg/ha)	Rows	In-row	No.seeds	(plants/ha)	Cup	kg/ha	Cup	kg/ha	kg/ha	Cup	Cup	kg/ha	Special instructions
MAIZE	SC521	30	75	75	2	35,556	# 8					# 8	# 5		Plant 3 seeds/station, thin to 2.
	SC407/403														
GROUNDNUT	Nyanda	80	75	4	1	333,333					150				
	Natal Common														
SUNFLOWER	PAN7369	6	75	75	2	35,556			# 5			# 5			Plant 3-4 seeds/station, thin to 2.
COTTON	S79214	25	75	75	1	17,778			# 8			# 5			Plant 4-6 seeds/station, thin to 1.
SORGHUM	Macia	10	75	10	1	133,333						# 12			) Drible seed (3-5cm apart)
COWPEAS	IT18	30	75	10	1	133,333									) & thin to 10cm
NYIMO/BEANS			75	10	1	133,333									) spacing
(bambara nut)															

	Depths of planting (cm)
	2-3cm
	2-3cm
	2-3cm
	1-2cm

	Depths of planting (cm)
	4-7cm
	4-7cm
	3cm
	3cm
	2-3cm
	2
	2-3cm
	2-3cm
	2-3cm
	2-3cm

ROTATION OPTIONS

Rotation options x area (ha) (based on 1.0ha per family):-

	A: NR I - III			B: NR IV-V		
Crop Rotat:	A1	A2	A3	B1	B2	B3
Maize	0.67	0.67	0.67	0.33		0.33
Groundnut	0.17		0.17	0.17		
Sunflower	0.16					0.17
Cotton		0.16			0.67	
Sorghum				0.33	0.17	0.33
Soyabean		0.17	0.16			0.17
Cowpeas				0.17	0.16	
Nyimo						
Totals	1.00	1.00	1.00	1.00	1.00	1.00