

BENEFIT ANALYSIS			
	GM/ ACRE	GM/HA	C/B
IRRIGATED RICE			
Variety:BS 370			
Variable costs(KES)			
Crop Establishment	14,500	36,250	
Weeding	4400	11,000	
Water Mgt and O & M	2000	5,000	
Fertilizers	12600	31,500	
Crop Protection	700	1,750	
Bird Scaring & Guards	9000	22,500	
Harvesting & Handling	8440	21,100	
Transport	2600	6,500	
Bags	1300	3,250	
Interest on Capital (5%)	2,777	6,943	
Total	58,317	145,793	
Revenue (KES 55/Kg)	114400	286,000	
Gross Margin	56,083	140,208	1.96
Net Farm income			
Gross Margin	56,083	140,208	
Family Labour	2000	5,000	
Net Farm income	54,083	135,208	

Variety:BS 217			
Variable costs(KES)			
Crop Establishment	14,500	36,250	
Weeding	4400	11,000	
Water Mgt and O & M	2000	5,000	
Fertilizers	12600	31,500	
Crop Protection	700	1,750	
Bird Scaring & Guards	9000	22,500	
Harvesting & Handling	8440	21,100	
Transport	2200	5,500	
Bags	1100	2,750	
Interest on Capital (5%)	2,747	6,868	
Total	57,687	144,218	
Revenue (KES 55/Kg)	96800	242,000	
Gross Margin	39,113	97,783	1.68

		39,113	97,783
Family Labour		2000	5,000
Net Farm income		37,113	92,783

Variety: BWG196		GM/ACRE	GM/HA	C/B
Variable Costs				
Crop Establishment		14,500	36,250	
Weeding		4400	11,000	
Water Mgt and O & M		2000	5,000	
Fertilizers		12600	31,500	
Crop Protection		700	1,750	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		8440	21,100	
Transport		4500	11,250	
Bags		2250	5,625	
Interest on Capital (5%)		2,920	7,299	
Total		61,310	153,274	
Revenue (KES 35/Kg)		126000	315,000	
Gross Margin		64,691	161,726	2.06
Net Farm income				
Gross Margin		64,691	161,726	
Family Labour		2000	5,000	
Net Farm income		62,691	156,726	

Variety: IR2793-80-1		GM/ACRE	GM/HA	
Variable Costs				
Crop Establishment		14,500	36,250	
Weeding		4400	11,000	
Water Mgt and O & M		2000	5,000	
Fertilizers		12600	31,500	
Crop Protection		700	1,750	

		9000	22,500	
		8440	21,100	
		3200	8,000	
Bags		1600	4,000	
Interest on Capital (5%)		2,822	7,055	
Total		59,262	148,155	
Revenue (KES 55/Kg)		89600	224,000	
Gross Margin		30,338	75,845	1.51
Net Farm income				
Gross Margin		30,338	75,845	
Family Labour		2000	5,000	
Net Farm income		28,338	70,845	

Variety: ITA310				
Variable Costs		GM/ACRE	GM/HA	
Crop Establishment		14,500	36,250	
Weeding		4400	11,000	
Water Mgt and O & M		2000	5,000	
Fertilizers		12600	31,500	
Crop Protection		700	1,750	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		8440	21,100	
Transport		3200	8,000	
Bags		1600	4,000	
Interest on Capital (5%)		2,822	7,055	
Total		59,262	148,155	
Revenue (KES 55/Kg)		89600	224,000	
Gross Margin		30,338	75,845	1.51
Net Farm income				
Gross Margin		30,338	75,845	
Family Labour		2000	5,000	
Net Farm income		28,338	70,845	

	GM/ACRE	GM/HA	
Crop Establishment	14,500	36,250	
Weeding	4400	11,000	
Water Mgt and O & M	2000	5,000	
Fertilizers	12600	31,500	
Crop Protection	700	1,750	
Bird Scaring & Guards	9000	22,500	
Harvesting & Handling	8440	21,100	
Transport	4000	10,000	
Bags	2000	5,000	
Interest on Capital (5%)	2,882	7,205	
Total	60,522	151,305	
Revenue (KES 55/Kg)	112000	280,000	
Gross Margin	51,478	128,695	1.85
Net Farm income			
Gross Margin	51,478	128,695	
Family Labour	2000	5,000	
Net Farm income	49,478	123,695	

GROSS MARGINS				
UPLAND RAINFED RICE				
Variety: NERICA1	Variety: NERICA1			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers		12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		1,800	4,500	
Bags		900	2,250	
Interest on Capital (5%)		2,010	5,025	
Total		42,210	105,525	
Revenue (KES 35/Kg)		50,400	126,000	
Gross Margin		8,190	20,475	1.19

Margin		8,190	20,475
		2,000	5,000
Net Farm income		6,190	15,475

Variety: NERICA4	Variety: NERICA4			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		1,700	4,250	
Bags		1100	2,750	
Interest on Capital (5%)		2,003	5,006	
Total		42,303	105,756	
Revenue (KES 35/Kg)		61,600	154,000	
Gross Margin		19,298	48,244	1.46
Net Farm income				
Gross Margin		19,298	48,244	
Family Labour		2,000	5,000	
Net Farm income		17,298	43,244	

Variety:NERICA 10	Variety:NERICA 10		
Variable Cost	Variable Cost	GM/ACRE	GM/HA
Crop Establishment		4500	11,250
Weeding	Weeding	3600	9,000
Water Mgt and O & M		0	0
Fertilizers	Fertilizers	12600	31,500
Crop Protection		1,800	4,500
Bird Scaring & Guards		9000	22,500
Harvesting & Handling		6,000	15,000
Transport		1,900	4,750
Bags		1200	3,000

		2,018	5,044	
		42,618	106,544	
Revenue (KES 35/Kg)		67,200	168,000	
Gross Margin		24,583	61,456	1.58
Net Farm income				
Gross Margin	Gross Margin	24,583	61,456	
Family Labour		2,000	5,000	
Net Farm income		22,583	56,456	

Variety:	NERICA 11			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		2,000	5,000	
Bags		1000	2,500	
Interest on Capital (5%)		2,025	5,063	
Total		42,525	106,313	
Revenue (KES 35/Kg)		56,000	140,000	
Gross Margin		13,475	33,688	1.32
Net Farm Income (GM-Family labour)				
Gross Margin		13,475	33,688	
Family Labour		2,000	5,000	
Net Farm income		11,475	28,688	

Variety:	Dourado Precose			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	

		9000	22,500	
		6,000	15,000	
		2,000	5,000	
		1000	2,500	
Bags				
Interest on Capital (5%)		2,025	5,063	
Total		42,525	106,313	
Revenue (KES 35/Kg)		56,000	140,000	
Gross Margin		13,475	33,688	1.32
Net Farm Income (GM-Family labour)				
Gross Margin		13,475	33,688	
Family Labour		2,000	5,000	
Net Farm income		11,475	28,688	

Variety:	NAM ROO			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		3,000	7,500	
Bags		1500	3,750	
Interest on Capital (5%)		2,100	5,250	
Total		44,100	110,250	
Revenue (KES 35/Kg)		84,000	210,000	
Gross Margin		39,900	99,750	1.90
Net Farm Income (GM-Family labour)				
Gross Margin		39,900	99,750	
Family Labour		2,000	5,000	
Net Farm income		37,900	94,750	

Variety:	WAB181-18			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	

		0	0	
		12600	31,500	
		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		1,600	4,000	
Bags		800	2,000	
Interest on Capital (5%)		1,995	4,988	
Total		41,895	104,738	
Revenue (KES 35/Kg)		44,800	112,000	
Gross Margin		2,905	7,263	1.07
Net Farm Income (GM-Family labour)				
Gross Margin		2,905	7,263	
Family Labour		2,000	5,000	
Net Farm income		905	2,263	

Variety:	TGR94			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		1,700	4,250	
Bags		850	2,125	
Interest on Capital (5%)		2,003	5,006	
Total		42,053	105,131	
Revenue (KES 35/Kg)		47,600	119,000	
Gross Margin		5,548	13,869	1.13
Net Farm Income (GM-Family labour)				
Gross Margin		5,548	13,869	
Family Labour		2,000	5,000	
Net Farm income		3,548	8,869	

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	Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		1,700	4,250	
Bags		850	2,125	
Interest on Capital (5%)		2,003	5,006	
Total		42,053	105,131	
Revenue (KES 35/Kg)		47,600	119,000	
Gross Margin		5,548	13,869	1.13
Net Farm Income (GM-Family labour)				
Gross Margin		5,548	13,869	
Family Labour		2,000	5,000	
Net Farm income		3,548	8,869	

Variety:	Jasmine85			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		3,700	9,250	
Bags		1850	4,625	
Interest on Capital (5%)		2,153	5,381	
Total		45,203	113,006	
Revenue (KES 35/Kg)		103,600	259,000	
Gross Margin		58,398	145,994	2.29
Net Farm Income (GM-Family labour)				
Gross Margin		58,398	145,994	
Family Labour		2,000	5,000	

	56,398	140,994	
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Variety:	TGR78			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		2,200	5,500	
Bags		1100	2,750	
Interest on Capital (5%)		2,040	5,100	
Total		42,840	107,100	
Revenue (KES 35/Kg)		61,600	154,000	
Gross Margin		18,760	46,900	1.44
Net Farm Income (GM-Family labour)				
Gross Margin		18,760	46,900	
Family Labour		2,000	5,000	
Net Farm income		16,760	41,900	

Variety:	Ci Cong Ai			
Variable Cost	Variable Cost	GM/ACRE	GM/HA	
Crop Establishment		4500	11,250	
Weeding		3600	9,000	
Water Mgt and O & M		0	0	
Fertilizers	Fertilizers	12600	31,500	
Crop Protection		1,800	4,500	
Bird Scaring & Guards		9000	22,500	
Harvesting & Handling		6,000	15,000	
Transport		4,700	11,750	
Bags		2350	5,875	
Interest on Capital (5%)		2,228	5,569	
Total		46,778	116,944	
Revenue (KES 35/Kg)		131,600	329,000	
Gross Margin		84,823	212,056	2.81



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		84,823	212,056
		2,000	5,000
Net Farm Income		82,823	207,056



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