Commercial Vegetable & Commercial Field Crop

Expected Budget Book

Rakhine Winter Crops Project
Farmer Field School
June, 2020

RAKHINE WINTER CROPS PROJECT

NEW ZEALAND
FOREIGN AFFAIRS & TRADE
Aid Programme

The Purpose of Expected Budget Book

The Rakhine Winter Crops Project is working with the MOALI (Ministry of Agriculture, Livestock and Irrigation) to improve agricultural productivity and income for farmers. This book is intended for farmers who want to improve agricultural production using GAP.

In this book, you will see that the income, expenditure and net income of each crop has been calculated. At the end of the calculation, you can see how much profit each crop produces. This book was compiled by farmers and technicians so you can be confident about the profit it shows for your selected crops.

If farmers need a loan for crop farming, they can get a loan from a money lender or bank using this book to show the lender that you can make enough profit to repay the loan. Additionally, the detailed list of inputs and their costs can help you to accurately calculate the amount of money you need to buy these inputs and how much money you might need to borrow.

The Project wishes you success with your farming in the future.

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Summary of Income, Expense, Profit, Expense to Income Ratio and Profitability Ranking.

Crop Groups	Income	Expense	Profit/ Loss	Expenditure: Income Ratio	Profitability Ranking
Group (1)					
1. Yard Long Bean	153000	59200	93800	2.58	4
2. Okra	145200	55700	89500	2.61	3
3. Onion	245000	82449	162552	2.97	2
4. Carrot	165000	50200	114800	3.29	1
Group (2)					
5. Chili	189900	50700	139200	3.75	3
6. Tomato	254000	55200	198800	4.60	1
7. Eggplant	158400	48200	110200	3.29	4
8. White eggplant	140800	49200	91600	2.86	5
9. Coriander	220000	52000	168000	4.23	2
Group (3)					
10. Cabbage	174000	43450	130550	4.00	2
11. Cauliflower	174000	48925	125075	3.56	4
12. Broccoli	203000	53925	149075	3.76	3
13. Radish	132000	45775	86225	2.88	5
14. Water spinach	176000	36300	139700	4.85	1
15. Sweet corn	159500	63600	95900	2.51	6
16. Mustard	105600	42200	63400	2.50	7
Group (4)					
17. Bottle gourd	187000	40925	146075	4.57	2
18. Snake gourd	153000	42625	110375	3.59	4
19. Ridge gourd	162000	44925	117075	3.61	3
20. Bitter gourd	130050	47625	82425	2.73	7
21. Cucumber	232320	50500	181820	4.60	1
22. Watermelon	150000	53875	96125	2.78	6
23. Pumpkin	204800	59050	145750	3.47	5
Average CV (0.06 acre)	174547	51154	123392	3.5	
Field Crop Group					
24. Sweet corn (Field Crop)	1393920	506400	887520	2.75	4
25. Ground nut (Field Crop)	600000	295913	304087	2.03	5
26. Chilli (Field Crop)	2439500	488700	1950800	4.99	1
27. Onion (Field Crop)	2450000	538170	1911830	4.55	2
28. Watermelon (Field Crop)	2613600	649700	1963900	4.02	3
Average CFC (1 acre)	1899404	495777	1403627	3.7	

CROP BUDGET

Crop Name:	Yard long bean				
Soil Type: loamy soil Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Bunch (10 fruit)	1800	85	153000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1800		153000
EXPENDITURE:					
Seed (East West seed - Fola)		pack (100 gm)	2	3500	7000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	7	1500	10500
Compound -9:25:25 (Side dressing)		Viss	6	1750	10500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					59200
(A-B) PROFIT/LOSS					93800

Break Even Price per unit	(59200	/1800)	33	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(153000	/59200)	2.6		

Profit/Loss Variation Table

Price (MMK)	60	70	85	90	100
bunches (10 fruit)					
2160	70400	92000	124400	135200	156800
1980	59600	79400	109100	119000	138800
1800	48800	66800	93800	102800	120800
1620	38000	54200	78500	86600	102800
1440	27200	41600	63200	70400	84800

CROP BUDGET

Crop Name:	Okra				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Bunch (4 fruits)	3630	40	145200
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			3630		145200
EXPENDITURE:					
Seed (East West seed 014, dark color)		Tin (100 gm)	4	3500	14000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	6	1750	10500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					55700
(A-B) PROFIT/LOSS					89500

Break Even Price per unit	(55700	/3630)	15	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(145200	/55700)	2.6		

Profit/Loss Variation Table

Price (MMK)	30	35	40	45	50
bunch (4 fruits)					
4356	74980	96760	118540	140320	162100
3993	64090	84055	104020	123985	143950
3630	53200	71350	89500	107650	125800
3267	42310	58645	74980	91315	107650
2904	31420	45940	60460	74980	89500

CROP BUDGET

Crop Name:	Onion				
Soil Type: Sandy loam Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	245	1000	245000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			245		245000
EXPENDITURE:					
Seed (local variety)		Tin	2	10000	20000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Compound -15:15:15 (nursery)		Viss	0.5	1500	750
Compound -15:15:15 (basal)		Viss	6	1500	9000
Gypsum (basal)		Viss	8	633	5064
Compound -9:25:25 (Side dressing)		Viss	7	1750	12250
Potash (Side dressing)		Viss	3.5	1167	4085
Gypsum (Side dressing)		Viss	8	633	5064
N-21, S-24 (Side dressing)		Viss	8	1067	8536
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					82449
(A-B) PROFIT/LOSS					162552

Break Even Price per unit	(82448.5	/245)	337	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(245000	/82448.5)	3.0		

Profit/Loss Variation Table

Price (MMK)	800	900	1,000	1,100	1,200
Viss					
294	152752	182152	211552	240952	270352
270	133152	160102	187052	214002	240952
245	113552	138052	162552	187052	211552
221	93952	116002	138052	160102	182152
196	74352	93952	113552	133152	152752

CROP BUDGET

Crop Name:	Carrot				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Root	5500	30	165000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			5500		165000
EXPENDITURE:					
Seed (East West seed)		Pack (250 gm)	1	8000	8000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -9:25:25 (Side dressing)		Viss	12	1750	21000
Bitter Salt (Side dressing)		Viss	4	1000	4000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					50200
(A-B) PROFIT/LOSS					114800

Break Even Price per unit	(50200	/5500)	9	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(165000	/50200)	3.3		

Profit/Loss Variation Table

Price (MMK)	20	25	30	40	50
Root					
6600	81800	114800	147800	213800	279800
6050	70800	101050	131300	191800	252300
5500	59800	87300	114800	169800	224800
4950	48800	73550	98300	147800	197300
4400	37800	59800	81800	125800	169800

CROP BUDGET

Crop Name:	Chili (Thandwe Township)				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	211	900	189900
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			211		189900
EXPENDITURE:					
Seed (East West seed - Demon)		pack (10 gm)	1	6000	6000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	9	1500	13500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					50700
(A-B) PROFIT/LOSS					139200

Break Even Price per unit	(50700	/211)	240	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(189900	/50700)	3.7		

Profit/Loss Variation Table

Price (MMK)	700	800	900	1,000	1,100
Viss					
253	126540	151860	177180	202500	227820
232	111770	134980	158190	181400	204610
211	97000	118100	139200	160300	181400
190	82230	101220	120210	139200	158190
169	67460	84340	101220	118100	134980

CROP BUDGET

Crop Name:	Chili (Gwa Township)				
Soil Type: loamy soil	Month	Unit Description	# of Units	Unit Cost	Totals
Planting method: Transplanting					
Standard Unit Area - 0.06 acre					
INCOME:					
Selling surplus	Feb	Viss	211	900	189900
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			211		189900
EXPENDITURE:					
Seed (East West seed)		pack (10 gm)	1	6000	6000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	9	1500	13500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					50700
(A-B) PROFIT/LOSS					139200

Break Even Price per unit	(50700	/211)	240	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(189900	/50700)	3.7		

Profit/Loss Variation Table

Price (MMK)	700	800	900	1,000	1,100
Viss					
253	126540	151860	177180	202500	227820
232	111770	134980	158190	181400	204610
211	97000	118100	139200	160300	181400
190	82230	101220	120210	139200	158190
169	67460	84340	101220	118100	134980

CROP BUDGET

Crop Name:	Chili (Taungup Township)				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Tin	2712.857	70	189900.000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			2712.857		189900.000
EXPENDITURE:					
Seed (East West seed)		pack (10 gm)	1	6000	6000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	9	1500	13500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					50700
(A-B) PROFIT/LOSS					139200.000

Break Even Price per unit	(50700	/2713)	19	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(189900	/50700)	3.7		

Profit/Loss Variation Table

Price (MMK)	54	62	70	80	85
Tin					
3255	125093	151137	177180	209734	226011
2984	110444	134317	158190	188031	202952
2713	95794	117497	139200	166329	179893
2442	81145	100677	120210	144626	156834
2170	66495	83858	101220	122923	133774

CROP BUDGET

Crop Name:	Tomato				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	508	500	254000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			508		254000
EXPENDITURE:					
Seed (Lora - 909)		pack (10 gm)	1	13000	13000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	6	1500	9000
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	4	1000	4000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					55200
(A-B) PROFIT/LOSS					198800

Break Even Price per unit	(55200	/508)	109	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(254000	/55200)	4.6		

Profit/Loss Variation Table

Price (MMK)	300	400	500	600	700
Viss					
610	127680	188640	249600	310560	371520
559	112440	168320	224200	280080	335960
508	97200	148000	198800	249600	300400
457	81960	127680	173400	219120	264840
406	66720	107360	148000	188640	229280

CROP BUDGET

Crop Name:	Eggplant				
Soil Type: loamy soil Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Bunch	1056	150	158400
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1056		158400
EXPENDITURE:					
Seed (East West seed - Runnako)		pack (5 gm)	1	4500	4500
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	6	1750	10500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	4	1000	4000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					48200
(A-B) PROFIT/LOSS					110200

Break Even Price per unit	(48200	/1056)	46	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(158400	/48200)	3.3		

Profit/Loss Variation Table

Price (MMK)	100	125	150	200	250
bunch					
1267	78520	110200	141880	205240	268600
1162	67960	97000	126040	184120	242200
1056	57400	83800	110200	163000	215800
950	46840	70600	94360	141880	189400
845	36280	57400	78520	120760	163000

CROP BUDGET

Crop Name:	White eggplant				
Soil Type: loamy soil Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	17600	8	140800
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			17600		140800
EXPENDITURE:					
Seed (East West seed)		small pack	5	1100	5500
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	6	1750	10500
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	4	1000	4000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					49200
(A-B) PROFIT/LOSS					91600

Break Even Price per unit	(49200	/17600)	3	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(140800	/49200)	2.9		

Profit/Loss Variation Table

Price (MMK)	4	6	8	10	12
Fruit					
21120	35280	77520	119760	162000	204240
19360	28240	66960	105680	144400	183120
17600	21200	56400	91600	126800	162000
15840	14160	45840	77520	109200	140880
14080	7120	35280	63440	91600	119760

CROP BUDGET

Crop Name:	Coriander				
Soil Type: Sandy Loam, loamy soil	Month	Unit Description	# of Units	Unit Cost	Totals
Planting method: Direct or Transplanting					
Standard Unit Area - 0.06 acre					
INCOME:					
Selling surplus	Feb	Bunch	8800	25	220000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			8800		220000
EXPENDITURE:					
Seed		pack (500 gm)	4	6000	24000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Compound -15:15:15 (basal)		Viss	6	1500	9000
Urea (Side dressing)		Viss	2	1150	2300
Foliar		Pack	1.2	5000	6000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
(B) Total Costs					52000
(A-B) PROFIT/LOSS					168000

Break Even Price per unit	(52000	/8800)	6	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(220000	/52000)	4.2		

Profit/Loss Variation Table

Price (MMK)	15	20	25	30	35
Bunch					
11000	113000	168000	223000	278000	333000
9900	96500	146000	195500	245000	294500
8800	80000	124000	168000	212000	256000
7700	63500	102000	140500	179000	217500
6600	47000	80000	113000	146000	179000

CROP BUDGET

Crop Name:	Cabbage				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Head	580	300	174000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			580		174000
EXPENDITURE:					
Seed (Chaitai - Paride 004)		pack (10 gm)	1	4500	4500
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Urea (Side dressing)		Viss	5	1150	5750
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	4	1000	4000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					43450
(A-B) PROFIT/LOSS					130550

Break Even Price per unit	(43450	/580)	75	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(174000	/43450)	4.0		

Profit/Loss Variation Table

Price (MMK)	200	250	300	400	500
Head					
696	95750	130550	165350	234950	304550
638	84150	116050	147950	211750	275550
580	72550	101550	130550	188550	246550
522	60950	87050	113150	165350	217550
464	49350	72550	95750	142150	188550

CROP BUDGET

Crop Name:	Cauliflower				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Flower	580	300	174000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			580		174000
EXPENDITURE:					
Seed (silver cup)		Tin (10 gm)	2	5000	10000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Urea (Side dressing)		Viss	4	1150	4600
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					48925
(A-B) PROFIT/LOSS					125075

Break Even Price per unit	(48925	/580)	84	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(174000	/48925)	3.6		

Profit/Loss Variation Table

Price (MMK)	200	250	300	400	500
Flower					
696	90275	125075	159875	229475	299075
638	78675	110575	142475	206275	270075
580	67075	96075	125075	183075	241075
522	55475	81575	107675	159875	212075
464	43875	67075	90275	136675	183075

CROP BUDGET

Crop Name:	Broccoli				
Soil Type: loamy soil	Month	Unit Description	# of Units	Unit Cost	Totals
Planting method: Transplanting					
Standard Unit Area - 0.06 acre					
INCOME:					
Selling surplus	Feb	Bunch	580	350	203000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			580		203000
EXPENDITURE:					
Seed (Tokita)		pack (5 gm)	1	15000	15000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Urea (Side dressing)		Viss	4	1150	4600
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					53925
(A-B) PROFIT/LOSS					149075

Break Even Price per unit	(53925	/580)	93	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(203000	/53925)	3.8		

Profit/Loss Variation Table

Price (MMK)	250	300	350	400	450
bunch					
696	120075	154875	189675	224475	259275
638	105575	137475	169375	201275	233175
580	91075	120075	149075	178075	207075
522	76575	102675	128775	154875	180975
464	62075	85275	108475	131675	154875

CROP BUDGET

Crop Name:	Radish				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Root	4400	30	132000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			4400		132000
EXPENDITURE:					
Seed (EW - Ural 219)		Tin (100 gm)	2	4000	8000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	12	1500	18000
Urea (Side dressing)		Viss	0.5	1150	575
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					45775
(A-B) PROFIT/LOSS					86225

Break Even Price per unit	(45775	/4400)	10	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(132000	/45775)	2.9		

Profit/Loss Variation Table

Price (MMK)	20	25	30	40	50
Root					
5280	59825	86225	112625	165425	218225
4840	51025	75225	99425	147825	196225
4400	42225	64225	86225	130225	174225
3960	33425	53225	73025	112625	152225
3520	24625	42225	59825	95025	130225

CROP BUDGET

Crop Name:	Water spanich				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Bunch	8800	20	176000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			8800		176000
EXPENDITURE:					
Seed (East West seed - Liao 9)		pack (1 kg)	1	7500	7500
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Urea (Side dressing)		Viss	4	1150	4600
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					36300
(A-B) PROFIT/LOSS					139700

Break Even Price per unit	(36300	/8800)	4	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(176000	/36300)	4.8		

Profit/Loss Variation Table

Price (MMK)	10	15	20	30	40
bunch					
10560	69300	122100	174900	280500	386100
9680	60500	108900	157300	254100	350900
8800	51700	95700	139700	227700	315700
7920	42900	82500	122100	201300	280500
7040	34100	69300	104500	174900	245300

CROP BUDGET

Crop Name:	Sweet corn				
Soil Type: loamy soil Planting method: Direct seeding Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Ear	1450	110	159500
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1450		159500
EXPENDITURE:					
Seed (Pan - color 5)		pack (500 gm)	1	20000	20000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	6	1750	10500
Urea (Side dressing)		Viss	6	1150	6900
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					63600
(A-B) PROFIT/LOSS					95900

Break Even Price per unit	(63600	/1450)	44	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(159500	/63600)	2.5		

Profit/Loss Variation Table

Price (MMK)	90	100	110	120	130
Ear					
1740	93000	110400	127800	145200	162600
1595	79950	95900	111850	127800	143750
1450	66900	81400	95900	110400	124900
1305	53850	66900	79950	93000	106050
1160	40800	52400	64000	75600	87200

CROP BUDGET

Crop Name:	Mustard				
Soil Type: Sandy Loam, loamy soil Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Jan	Bunch (5 plants)	1320	80	105600
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1320		105600
EXPENDITURE:					
Seed	Nov	pack (5 gm)	3	3000	9000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	6	1500	9000
Potassium Nitrate (Side dressing)		Viss	0.5	5000	2500
Bitter Salt (Side dressing)		Viss	2	1000	2000
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
(B) Total Costs					42200
(A-B) PROFIT/LOSS					63400

Break Even Price per unit	(42200	/1320)	32	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(105600	/42200)	2.5		

Profit/Loss Variation Table

Price (MMK)	60	70	80	90	100
Bunch					
1500	47800	62800	77800	92800	107800
1400	41800	55800	69800	83800	97800
1320	37000	50200	63400	76600	89800
1200	29800	41800	53800	65800	77800
1100	23800	34800	45800	56800	67800

CROP BUDGET

Crop Name:	Bottle gourd				
Soil Type: Sandy loam Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	680	275	187000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			680		187000
EXPENDITURE:					
Seed (East West seed- Lina 273)		pack (20 gm)	2	4000	8000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Bitter Salt (Side dressing)		Viss	0.6	1000	600
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					40925
(A-B) PROFIT/LOSS					146075

Break Even Price per unit	(40925	/680)	60	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(187000	/40925)	4.6		

Profit/Loss Variation Table

Price (MMK)	200	250	275	300	350
Fruit					
816	122275	163075	183475	203875	244675
748	108675	146075	164775	183475	220875
680	95075	129075	146075	163075	197075
612	81475	112075	127375	142675	173275
544	67875	95075	108675	122275	149475

CROP BUDGET

Crop Name:	Snake gourd				
Soil Type: Sandy loam	Month	Unit Description	# of Units	Unit Cost	Totals
Planting method: Direct or Transplanting					
Standard Unit Area - 0.06 acre					
INCOME:					
Selling surplus	Feb	Fruit	1530	100	153000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1530		153000
EXPENDITURE:					
Seed (East West seed - Polo F1)		pack (20 gm)	2	5000	10000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Bitter Salt (Side dressing)		Viss	0.3	1000	300
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					42625
(A-B) PROFIT/LOSS					110375

Break Even Price per unit	(42625	/1530)	28	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(153000	/42625)	3.6		

Profit/Loss Variation Table

Price (MMK)	80	90	100	125	150
Fruit					
1836	104255	122615	140975	186875	232775
1683	92015	108845	125675	167750	209825
1530	79775	95075	110375	148625	186875
1377	67535	81305	95075	129500	163925
1224	55295	67535	79775	110375	140975

CROP BUDGET

Crop Name:	Ridge gourd				
Soil Type: Sandy loam Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	1080	150	162000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1080		162000
EXPENDITURE:					
Seed (East West seed - Naga F1)		pack (20 gm)	2	6000	12000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Bitter Salt (Side dressing)		Viss	0.6	1000	600
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					44925
(A-B) PROFIT/LOSS					117075

Break Even Price per unit	(44925	/1080)	42	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(162000	/44925)	3.6		

Profit/Loss Variation Table

Price (MMK)	100	125	150	175	200
Fruit					
1296	84675	117075	149475	181875	214275
1188	73875	103575	133275	162975	192675
1080	63075	90075	117075	144075	171075
972	52275	76575	100875	125175	149475
864	41475	63075	84675	106275	127875

CROP BUDGET

Crop Name:	Bitter gourd				
Soil Type: Sandy loam Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	1530	85	130050
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			1530		130050
EXPENDITURE:					
Seed (East West seed - Palee)		pack (20 gm)	2	6000	12000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	3.5	1750	6125
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	0.3	1000	300
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					47625
(A-B) PROFIT/LOSS					82425

Break Even Price per unit	(47625	/1530)	31	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(130050	/47625)	2.7		

Profit/Loss Variation Table

Price (MMK)	65	75	85	100	150
Fruit					
1836	71715	90075	108435	135975	227775
1683	61770	78600	95430	120675	204825
1530	51825	67125	82425	105375	181875
1377	41880	55650	69420	90075	158925
1224	31935	44175	56415	74775	135975

CROP BUDGET

Crop Name:	Cucumber				
Soil Type: Sandy loam Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	2904	80	232320
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			2904		232320
EXPENDITURE:					
Seed (East West seed - Shwe Yati)		pack (10 gm)	2	6000	12000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	6	1500	9000
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	0.3	1000	300
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					50500
(A-B) PROFIT/LOSS					181820

Break Even Price per unit	(50500	/2904)	17	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(232320	/50500)	4.6		

Profit/Loss Variation Table

Price (MMK)	60	70	80	100	150
Fruit					
3485	158588	193436	228284	297980	472220
3194	141164	173108	205052	268940	428660
2904	123740	152780	181820	239900	385100
2614	106316	132452	158588	210860	341540
2323	88892	112124	135356	181820	297980

CROP BUDGET

Crop Name:	Watermelon				
Soil Type: Sandy loam Planting method: Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	150	1000	150000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			150		150000
EXPENDITURE:					
Seed (Known you seed - 855)		Pack (400 seed)	0.5	18000	9000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	2	1500	3000
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -15:15:15 (Side dressing)		Viss	7.5	1500	11250
Compound -9:25:25 (Side dressing)		Viss	1	1750	1750
Urea (Side dressing)		Viss	0.5	1150	575
Potassium Nitrate (Side dressing)		Viss	0.6	5000	3000
Bitter Salt (Side dressing)		Viss	0.6	1000	600
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					53875
(A-B) PROFIT/LOSS					96125

Break Even Price per unit	(53875	/150)	359	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(150000	/53875)	2.8		

Profit/Loss Variation Table

Price (MMK)	500	750	1,000	1,500	2,000
Fruit					
180	36125	81125	126125	216125	306125
165	28625	69875	111125	193625	276125
150	21125	58625	96125	171125	246125
135	13625	47375	81125	148625	216125
120	6125	36125	66125	126125	186125

CROP BUDGET

Crop Name:	Pumpkin				
Soil Type: Sandy Loam, loamy soil Planting method: Direct or Transplanting Standard Unit Area - 0.06 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Fruit	256	800	204800
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			256		204800
EXPENDITURE:					
Seed (seed energy)		Small pack	20	1000	20000
Ploughing		Acre	0.06	75000	4500
EM - Concentrated (Bokashi)		Liter	0.5	2000	1000
Mollasses (Bokashi)		Liter	1	1700	1700
Rice bran (Bokashi)		Viss	4.5	700	3150
Trichoderma		Pack	1	1500	1500
Compound -15:15:15 (basal)		Viss	6	1500	9000
Compound -9:25:25 (Side dressing)		Viss	7	1750	12250
Bitter Salt (Side dressing)		Viss	0.6	1000	600
Alcohol (EM 5)		Litres	0.1	2000	200
Vinegar (EM 5)		Litres	0.1	1500	150
Neem pesticide		Litres	0.25	6000	1500
Fungicide (unity)		Pack (10 g)	1	2000	2000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	1	1500	1500
(B) Total Costs					59050
(A-B) PROFIT/LOSS					145750

Break Even Price per unit	(59050	/256)	231	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(204800	/59050)	3.5		

Profit/Loss Variation Table

Price (MMK)	600	700	800	900	1,000
Fruit					
307	125270	155990	186710	217430	248150
282	109910	138070	166230	194390	222550
256	94550	120150	145750	171350	196950
230	79190	102230	125270	148310	171350
205	63830	84310	104790	125270	145750

CROP BUDGET

Crop Name:	Corn (CFC)				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 1 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Ear	17424	80	1393920
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			17424		1393920
EXPENDITURE:					
Seed (Pan - color 5)		Pack	9	20000	180000
Ploughing		Acre	1	75000	75000
EM - Concentrated (Bokashi)		Liter	3	2000	6000
Mollasses (Bokashi)		Liter	12	1700	20400
Rice bran (Bokashi)		Viss	60	700	42000
Trichoderma		Pack	13	1500	19500
Compound -15:15:15 (basal)		Viss	30	1500	45000
Compound -9:25:25 (Side dressing)		Viss	30	1750	52500
Urea (Side dressing)		Viss	30	1150	34500
Alcohol (EM 5)		Litres	1	2000	2000
Vinegar (EM 5)		Litres	1	1500	1500
Fungicide (unity)		Pack (10 g)	8	2000	16000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	8	1500	12000
(B) Total Costs					506400
(A-B) PROFIT/LOSS					887520

Break Even Price per unit	(506400	/17424)	29	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(1393920	/506400)	2.8		

Profit/Loss Variation Table

Price (MMK)	60	70	80	90	100
Ear					
20909	748128	957216	1166304	1375392	1584480
19166	643584	835248	1026912	1218576	1410240
17424	539040	713280	887520	1061760	1236000
15682	434496	591312	748128	904944	1061760
13939	329952	469344	608736	748128	887520

CROP BUDGET

Crop Name:	Ground nut (CFC)				
Soil Type: Sandy loam Planting method: Direct seeding Standard Unit Area - 1 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Basket	60	10000	600000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			60		600000
EXPENDITURE:					
Seed (Sin Paday Thar 11)		Basket	6	10000	60000
Ploughing		Acre	1	75000	75000
Trichoderma		Pack	2	1500	3000
Urea (basal)		Viss	4	1150	4600
T-Super (basal)		Viss	10	1067	10670
MOP (basal)		Viss	4	1167	4668
Gypsum (basal)		Viss	75	633	47475
Rhizobium		Pack	1	500	500
Harvesting external labor cost		Acre	1	90000	90000
(B) Total Costs					295913
(A-B) PROFIT/LOSS					304087

Break Even Price per unit	(295913	/60)	4,932	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(600000	/295913)	2.0		

Profit/Loss Variation Table

Price (MMK)	8000	9000	10,000	11,000	12,000
Basket					
72	280087	352087	424087	496087	568087
66	232087	298087	364087	430087	496087
60	184087	244087	304087	364087	424087
54	136087	190087	244087	298087	352087
48	88087	136087	184087	232087	280087

CROP BUDGET

Crop Name:	Chili (CFC)				
Soil Type: loamy soil Planting method: Transplanting Standard Unit Area - 1 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	3485	700	2439500
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			3485		2439500
EXPENDITURE:					
Seed (East West seed)		pack (10 gm)	5	6000	30000
Ploughing		Acre	1	75000	75000
EM - Concentrated (Bokashi)		Liter	3	2000	6000
Mollasses (Bokashi)		Liter	6	1700	10200
Rice bran (Bokashi)		Viss	60	700	42000
Trichoderma		Pack	3	1500	4500
Compound -15:15:15 (basal)		Viss	45	1500	67500
Compound -15:15:15 (Side dressing)		Viss	75	1500	112500
Potassium Nitrate (Side dressing)		Viss	1.5	5000	7500
Calcium Nitrate (Side dressing)		Viss	15	1500	22500
Alcohol (EM 5)		Litres	1	2000	2000
Vinegar (EM 5)		Litres	1	1500	1500
Fungicide (unity)		Pack (10 g)	5	2000	10000
Insecticide (Imidacloprid Dozer)		Pack (10 g)	5	1500	7500
Harvesting external labor cost		Acre	1	90000	90000
(B) Total Costs					488700
(A-B) PROFIT/LOSS					1950800

Break Even Price per unit	(488700	/3485)	140	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(2439500	/488700)	5.0		

Profit/Loss Variation Table

Price (MMK)	500	600	700	800	900
Viss					
4182	1602300	2020500	2438700	2856900	3275100
3834	1428050	1811400	2194750	2578100	2961450
3485	1253800	1602300	1950800	2299300	2647800
3137	1079550	1393200	1706850	2020500	2334150
2788	905300	1184100	1462900	1741700	2020500

CROP BUDGET

Crop Name:	Onion (CFC)				
Soil Type: Sandy loam Planting method: Transplanting Standard Unit Area - 1 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	3500	700	2450000
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			3500		2450000
EXPENDITURE:					
Onion seed		Tin	20	10000	200000
Ploughing		Acre	1	75000	75000
EM - Concentrated (Bokashi)		Liter	3	2000	6000
Mollasses (Bokashi)		Liter	6	1700	10200
Rice bran (Bokashi)		Viss	60	700	42000
Compound -15:15:15 (basal)		30 viss bag	1	45000	45000
Potassium Nitrate (Side dressing)		Viss	2	5000	10000
Alcohol (EM 5)		Litres	1	2000	2000
Vinegar (EM 5)		Litres	1	1500	1500
Fungicide (unity)(100 ml)		Bottle	5	2000	10000
Insecticide (Imidacloprid Dozer)(10 g)		Pack	5	1500	7500
Gypsum		viss	90	633	56970
20-10-10 comound fertilizer		viss	30	1400	42000
Potash		viss	30	1000	30000
(B) Total Costs					538170
(A-B) PROFIT/LOSS					1911830

Break Even Price per unit	(538170	/3500)	154	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(2450000	/538170)	4.6		

Profit/Loss Variation Table

Price (MMK)	500	600	700	800	900
Viss					
4500	1711830	2161830	2611830	3061830	3511830
4000	1461830	1861830	2261830	2661830	3061830
3500	1211830	1561830	1911830	2261830	2611830
3000	961830	1261830	1561830	1861830	2161830
2500	711830	961830	1211830	1461830	1711830

CROP BUDGET

Crop Name:	Water melon (CFC)				
Soil Type: Sandy loam Planting method: Transplanting Standard Unit Area - 1 acre	Month	Unit Description	# of Units	Unit Cost	Totals
INCOME:					
Selling surplus	Feb	Viss	2904	900	2613600
Selling surplus					
Consumption					
Keep for seed					
(A) Total Income			2904		2613600
EXPENDITURE:					
EW Padamyar/ Known You 855/Here/Hero		20 g (400 seed Pack)	8	18000	144000
Ploughing		Acre	1	75000	75000
EM - Concentrated (Bokashi)		Liter	3	2000	6000
Mollasses (Bokashi)		Liter	6	1700	10200
Rice bran (Bokashi)		Viss	60	700	42000
Trichoderma		Pack	3	1500	4500
Compound -15:15:15 (basal)		Viss	45	1500	67500
Potassium Nitrate Foliar Spray		Viss	2	5000	10000
Calcium Nitrate (Side dressing)		Viss	45	1500	67500
9-25-25 (Side dressing)		Viss	90	1750	157500
Bitter Salt (Side Dressing)		Viss	12	1000	12000
Alcohol (EM 5)		Litres	1	2000	2000
Vinegar (EM 5)		Litres	1	1500	1500
Fungicide (Dimetohmorph)		Bottle	4	5000	20000
Fungicide (Synergy)		Pack	3	5000	15000
Insecticide (Imidacloprid Dozer) 70 WP(10 g)		Pack	10	1500	15000
(B) Total Costs					649700
(A-B) PROFIT/LOSS					1963900

Break Even Price per unit	(649700	/2904)	224	MMK	(Total Costs/ Yield by unit)
Expenditure:Income Ratio	(2613600	/649700)	4.0		

Profit/Loss Variation Table

Price (MMK)	700	800	900	1,000	1,100
Fruit					
3100	1520300	1830300	2140300	2450300	2760300
3000	1450300	1750300	2050300	2350300	2650300
2904	1383100	1673500	1963900	2254300	2544700
2800	1310300	1590300	1870300	2150300	2430300
2700	1240300	1510300	1780300	2050300	2320300

RAKHINE WINTER
CROPS PROJECT

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