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The Hebrew University
The Faculty of Agriculture
Rehovot

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JUL 8 1959

# A Report on the Economic Situation of Established Family Farms

Appendix:

Method of Data Collection and Analysis

# The Hebrew University The Faculty of Agriculture Rehovot

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#### APPENDIX:

#### METHOD OF DATA COLLECTION AND ANALYSIS

#### A. Sources of Data

#### a) The Cooperative

The Cooperative keeps a unified account for its own financial activities as well as a separate account for each individual member. The system of book-keeping differs from one co-operative to the other, but all keep to a basic pattern which is prescribed by the audit union.

The basic book-keeping system comprises a separate account for each of the service departments of the Cooperative and a separate account for each settler member. All the purchasing, selling and other financial transactions concerning the settlers are recorded on the individual settler's card. At the end of each month most cooperatives give their settlers a copy of his account comprising all his transactions during the month. This monthly account serves as the main source for the economic data of the individual farm. As can be seen from the attached questionnaire the analysis is based on physical as well as financial data: e.g. quantities of milk, eggs and meat sold as well as quantities of feed, fertilizers, water, etc. purchased. In most monthly accounts of the settlers not all the physical and financial data appear in the detail required for analysis. In these cases we went back to the source records, mostly the summary accounts of the service department: e.g. the grain store or the waterworks, to extract the data pertaining to the individual settler. In this way we collected all the data available in the cooperative. Of course not every cooperative records all the details, for instance 30% of the villages under study do not measure the water consumption of the individual holding or some others do not record an item, as for instance the exact number of poultry sold, but only the poultry by weight. In such cases we only recorded the details on the items available.

#### b) The Farmer

All the details not available in the cooperative have to be supplemented on the farm itself. The main items which are taken from the farmer are:

- 1) Labor. An estimate is made of the total labor days worked by every member of the family on the farm. It is based upon the elimination of days not spent in farming, e.g. outside labor, days of sickness, military service, vacation, etc. and on the employment of hired workers.
  - The number of days spent in each farm-branch can only be estimated according to labor-norms. The total number of days required according to norms is being compared with the actual number spent by the total labor force so as to get an evaluation of labor performance.
- 2) Crop rotation, which includes all the crops grown on the land.
- 3) For every crop a yield estimate is given by the farmer and checked by the field-man.

#### 4) Livestock Inventory

In the dairy herd every head of stock is recorded individually with all the data found in the questionnaire. For the poultry flock 5 groups are noted: Layers, broilers, pullets, chicks and breeding cocks. The inventory of the livestock is taken at the beginning and at the end of the period under study.

- 5) Private Transactions. These include all sales and purchases which do not go through the books of the cooperative. Most of these private transactions are not recorded and thus one has to rely on the memory of the farmer. However, on the basis of the cooperative records and the input output relationships we do have a certain cross check on the quantities sold and purchased privately. In addition the farmer is asked about private loans and new investments.
- 6) Estimate of Capital Worth: All buildings, machinery, livestock irrigation equipment, etc. is estimated at its renewal value at the time of the farm visit.
- 7) Home and Farm consumption: An estimate is made of the quantities of milk, eggs, poultry and vegetable consumed by the family as well as the milk given to calves, manure production and green fodder yields, in order to calculate the total production value of the farm.

#### c) Other Sources:

Some Cooperatives have specialized services which keep records, such as the herd book, the flock record, the incubator sales lists, disease and pest control services etc. All these records serve as a cross check for the data obtained from the farm and the cooperative.

#### B. Method of Data Collection and Processing

As the first step the data in the cooperative is collected. For this purpose preprinted summary forms are used, having 12 monthly columns for all input and output items which occur in the cooperative accounts of the settler. These forms are then summarized and the totals for each item transferred onto the farm questionnaire in its appropriate place. The data from the cooperative service records, such as the herd book, the incubator etc. are transcribed directly into the questionnaire.

#### . C. Farm Visit

Every farm which is analysed is visited by one of the fieldmen. To these visits the fieldmen come equipped with the questionnaire filled with all the data obtained from the cooperative. During the visit the whole questionnaire is gone through together with the farmer, checking the data from the cooperative and filling in the data not available there. In addition, the buildings, livestock and fields are thoroughly surveyed, to compare the farm results with the impression on the farm and the farmer.

The questionnaire with all the summary forms are then taken back to the office where the questionnaire is summarized and analysed by farm branches, efficiency and profitability indices. In most cases the questionnaire has to be referred back to the farmer for further inquiries before it can be finally tabulated.

Most of the items found in the questionnaire are tabulated. Tabulation is carried out on large listing sheets by villages on which the farm are ordered according to the size of their net income from the highest to the lowest.

Finally the farmer's report is made out in which the output, input, profitability and efficiency indices are recorded by the farm branches. This report is handed back to the farmer by the same field-man who made the farm visit. The fieldman prepares a tabulation of the main results and the main causes for the variation of the particular farm from the profitability of all farms analysed in the village. By this method it is very easy for the fieldman to explain the differences and their causes to the individual farmer. It should be remembered here that all farms have an identity number in this survey and no names appear either on the questionnaire or on the village tabulation.

This is the basic scheme of processing and analysis of all the material collected. All specialized analyses such as of farm types or farm branches are then resummarized or retabulated from this basic material.

## QUESTIONNAIRE FOR DETERMINING FARM RENTABILITY

FARM NUMBER

VILLAGE MUMBER

XIX

Year under study 1957/58

a. Family Labour

1. Labour Force

Date of visit

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Member of		ence r	f ated contains	Imputed	Expenses	Work	outside the year	the Farm during
Family	Age	Experi in Ag year	Nr. of estima working during	IL. per day	IL. per year	Working days	IL.	Kind of work
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Total			662		7614	Anti-come government of the community of	harranto (figir e do glito, escriptor el el el establica e presidente	

## b. Hired Labour

Total				
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Branch or kind of work	Nr. of working days during year	Cach	ary paid - IL. Imputed value of farm produce or services	In this work was appearing a public and a public public public and bid design that a province on one or system.

## c. Summary of Labour Input - in Standard workingdays

	-	-			
Crops	Dunan	Nr. of Standard workday		Units	Nr. of Stand. Workda
Grains & Hay - unirrigated		and the state of t	Cows	6.8	184
Other inirrigate crops		Tables See See See See See See See See See S	Young stock	9.8	59
Green Fodder - irrigated	25.4	127	Layers	400	120
Vegetables - irrigated	- Programme	in the second se	.Other Poultry	No. of the Contract of	The second
Orchards, fruit bearing-irrig.	5.3	80	Total Livestock		363
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	And the Management of the Control of		Total farm labour days		672
Total Crops	32.0	215	Percent of Labour efficiency	7	116

2. L a n d

Physical Area - Dunam

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Irrigated Land Unirrigated Land Total cultivated Land Buildings and Yards Uncultivated Land Miscellaneous	25 - 25 2•5	Long term lease Short " "	Total Dunam 25	TT.
Total Farm Area	27.5	Total		20

Field crops, irrig./unirrig.

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Utilization of irrigated area in Dunam/Month

- 1) Total irrigated area (without orchard)
- 2) Total " crop dunams (without orchard
- 3) Index of irrigated land utilization ( $\frac{2}{1} \times 100$ )

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calves	でありませんなごとからないませんかだがごんなあまる。 ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・		**************************************	<b>.</b>	3700	4650			3794	mersys density of agency (10) for the conference of the	Marting to the control of the contro	77
Total		of the last of the second seco		1	•150	18570			CH C /			
cattle			***************************************		5100	T00/0	TOTAL TOLONOOMORPHIA AND A COLOR	and the mage of state the control of the state of the sta	6754	That See Browning on Linear Color and See See See	4 frestrepsersentillelenseerster	n de company de la company
							Home u	se in k	O'			

<sup>,</sup> impared prices

<sup>\*\*)</sup> Actual prices received or paid

Balance of stock inventory - in Nr. of heads

Commence of the complete and send of the commence of the comme		granterink (francisco) seminara plant, arimm deli anggligation (in propinsi dell'im)	pagement to terroring
Entering	Nr.	Leaving	Nr.
Beginning of year	17	End of year	17
Purchases		Sales	6
Birth	6	Death and home use	
Total	23	Total	23

Output in change of inventory and cattle trade (IL.)

Inventory change	. 588
Output in cattle trade - total	6754
Co-op sales	6754
Private sales	
Home use	

Average head of cattle during year

M	2	าา	u	r	6
7-7	مئت	4.4	u	-	_

K i n d	Nr.	Cattl units
Сомв	6.8	6.8
Heifers	.9	<b>.</b> 5
H. Calves	2.5	.8
B. Calves for rearing	1.4	.5
B. Calves for meat	5.0	1.7
Total	16.6	1

A commercial contraction of the	Gross	Farm	Sa	les	Invent	Gross
	product	use	C 0-cp	Private	+ -	Putput
Cubic m.	100	87	or the design of the second se	13		13
IL.	600	520		80		80
Remarks:						

#### Summary of dairy herd production

	н 40) и (офт) и том том объем бром объем (офт) объем о	Gross	Farm	SE	l e s	Home				
	I t e m	production	7	Co-op	Co-op Private		·			
lent milk	Fresh Milk	31710	1140	29970		600	A plantage and the second seco			
i co					Capping and the capping of the cappi		hanges	Gross	Cash	
Equivof kg	Total Milk						in Inv. + -	Output	Sales	
	Milk	9112	324	8615	na ya renga ujumuu nasani i i i i i i i i i i i i i i i i i i	173		8788	8615	
	Milk products				ALCHO MICH.					
	Inventory change	<b>-</b> 580					- 580	-580		
TI	Cattle trade	6754		6754		The second secon		6754	6754	
	Manure	600	520	· damage and a second a second and a second	80			80	80	
And the second	Total	15886	844	15369	80	173	- 580	15042	15449	

#### Analysis

kg. milk per cow

4660

Price per liter of milk - IL. .288

Dunam fodder per CATTLE UNIT

2.5

			ar m	$\mathfrak{p}$ $r$ $\mathfrak{o}$	d u c	e d	nn anna dh'antamaga ag mar ga tag pada ga dh Baranna ag mar ag m Mar ag mar ag		urchas	ed	Feed Un:	its
Cattle Fodder	140	Ton per	dunam	Prod.	Value	Feed	Units		Value	Feed		Per
rodder	of Duram	Norm	Actual	in Tons	in TL	Per Ton	Total	Ton	in IL	Units	Total	Cattl Unit
Alfalfa	2.6	6-8		18		120	2160		l coming control of the condition of the special control of conditions of the first of the conditions	AND THE PROPERTY OF THE PROPER		
Egypt.Clover	2.8	5-7	Toronto Mary	17		110	1870	the same of				
Mangold	3.7	8-15		7474		100	71,100					
Stavion	3.2	6-10		26		80	2080					
Corn	7.5	3-5		30		80	2400					
Pan <b>si</b> laria		4-5				100						
Sateria	2.8	1-2		4		110	440	. Production against				
Cattle peas		3-4				100						
Cultivated per	ş.	1-2				90		Ŧ.				
Cattle beans	2.8	2-3		7		100	700	and the same of				
Sunflowers		3-4				80		and the second				
											The second secon	
E-17			The section of the se					The state of the s	-Madiffediga sachesia (**), da Sachesha			and the state of t
Total green folder	1	dos=		146		1	14050				14050	1360
"irrig pasture		800F.V				- Andrews				and the same of th		
" natural "						and the state of t		* )				
" silage	<u> </u>							<b>*)</b> 0	52	200	200	20
" hay & straw		•35				350		15.3	1872	5350	5350	520
" concentrate	3		***************************************				The state of the s	18.56	3874	18560	18560	1800
Total fodder		ant the control was been as the first state of		१९ : व्यक्तिकास क्षेत्रको स्थापना स्थापना रहतः (१४८ - १४८ -		- Court Decreases	14050	there are the second of the se	5798	24110	38160	3700

Concentrated feed units in percent of total supply 48
Purchased feed units in percent of total supply 63

Feed needs of the Dairy herd

rear needs of and Dati A lie. O										
G r o uu p	No. of heads	Feed units p.head								
Cows	6.8	<b>150</b> 0	10200							
H.Calves up to 3 months	2.5		3680							
" 3-11 "			•							
" " 12–24 "	•9	1720	1550							
B.Calves up to 3 months	6.4		8570							
" " 3–12 "		T T								
Bulls										
Milk in kg.	31.7	.4	12680							
Total			3668c							

Feed Balance

Surplus	11480	F.V.
Deficit	The state of the s	F.V.

#### Price of feed unit

F	arm	pro	duc	ed		Τ.L.
P	ırch	ase	d		.240	I.L:
T	0	t	а	1	•	I.L.

## The Poultry Flock

## Summary of poultry production in IL.

	0	Tionm	Sales		TT	Inventory	α	
Item	Gross production	Farm use	Co-op	Private	Home	changes +/-	Gross	Cash Sales
Eggs	8008	rain mid fill let itter van men dynt drebe.	7808		200		8008	7808
Inventory changes						1522	1522	
Poultry sales & home u	æ 2230	><	1670		560		2230	1670
Manure	144	144						
Total	11904	144	<b>947</b> 8		760	1522	11760	9478

Eggs	Gross productin	For Farm Incubat- ion	Co-op s Brood Eggs	ales Table Eggs	Private Brood Eggs	sales Table eggs	Home use	Total Output
Units	81101		21483	55618			4000	
IL	8008	enter emission com petro e apartico e equipa graphic del construir e e e e e e e e e e e e e e e e e e e	3700	4108	process, debets on the case to a state of the case of		200	en de contract de la fille de la contract de la co

Manure	Gross production	Farm use	S a 1 Co-op	e s Private	Inventory changes +/-	Total Output
Tin measure	1200	1200		The control of the co		aggar at the grant and the second a
IL.	144	144		The same of the sa		and the second s

## Egg prices

IL.

## Annalyses

Co-op. Brood eggs " Table eggs	0.172
130	
Total private sales All sales	0.101

Nr.	of	Tons	of ]	Feed		29.4	1
Nr.	of	eggs	per	Tons	of	Feed	2760
kg.	of	meat	per	11	11	" 59	
11	11	11	11	11		×20	1190
Tota	al I	umbe	r of	Stand	lard	L	
Eggs	g po	er Toi	n of	Feed			3950

## Fodder

1	n en bestelle de principal de la company de proposition de la company de la company de la company de la company					
Total	concentrated	feed		29.4ton	7161 II	-
			per average layer	kg.	11	

Price per kg. concentrated feed

.244 IL.

## Inventory and Poultry Movements

	At begi	nning o	of year	Pu	rcha	រខខន	-	Total	Remarks
Entry	Nr.	1	IL.	Co-op.		Priva	ate	Nr. of	
		kg.	T-L1 •	Nr.	IL.	Nr.	IL.	birds	
Purchased Eggs									
Chicks				1200	974			1200	
Pullets	305	305	610	The state of the s				305	
Broilers					•••••				***************************************
Layers	444	666	1776					1444	***************************************
Breeding Cocks			ment activities					The second of th	
Total	749	971	2386	1200	974		To the state of th	1949	
Farm incubation		and manuscript in the section of the	Annagan ann ann ann ann ann ann ann an		erroran arroyalaran alba alba sarroran	a nagyophu wax, agayrasanqori may, aqurru			Total purchased
Total entry of bi	rds		a Nagada militara pilikintin interkengangan menangan angganggan melahan		al-intribetalungu ilm incentialunguntin			1949	in IL. 974

	At end of year			Co	Co-op sales			ate sal	.es	Home	use	Total
Exit	Nr.	kg.	IL.	Nr.	kg.	IL.	Nr.	kg.	IL.	Nr.	IL.	Nr. of birds
Purchased Eggs										j	1	
Chicks Pullets	400	E00	1,200	400	4.571	7/-					TO CALL THE	
Broilers	400	500	1200	128 82	154 85	367 124	1	<b></b>	an appearance of the second	The true Creat.	! 2375 <b>9''</b> !'	
Layers		1015	2708	429	591	1179			The state of the s	200	560	
Breeding Cocks	riginalization de				••••••	,	1		Sec. of the control o	and the second		
				ļļ	Universitation of the control of the	Professional - Agreement houses are the same and additional and the			The state of the s			
Total	1077	1515	3908	639	830	1670	Sirand Transference	ments (Made) Centroles	200	200	56a	1916
Deaths in nu	mber	of ch	ickens	<del>obe Š</del> a spang spanacnym parjaga i lyte			The second secon	gr <sup>†</sup> synte <u>nsingWith-united</u> es, unitett-unut	Teneral and the second second second second	Page of the State	mining the magnetic stage of the property of the party of	33
Total exit o	f bir	ds				,	Monacha Meranana Anna Malana					1949

Changes in inventory value	<b>15</b> 22	IL	elli manga dengangga	Remarks:	
•	gamentago fisik versifi a libiga pela terdene dan te	:	Landa of the state of the		

Meat production in weight	kg.
Co-op sales	830
Private sales	
Inventory changes	544
Home rise	375
Total	1749

	_	_	· 2;	
 		***************************************		 
 				 ,

Feed stuff

reed stuii							
			IL.			Hite 6-4-16 o-airth a Thragan Coldaintheach no deol go chrachig airth do an go de airte	1
I t e m	Tons	Со-ор	Private	Total	Price per ton	Designation	Feed Unit
Cattle	18.40	<b>37</b> 88		The state of the s		19-be di diliminilia dan dan da Mila in Berlantin di Berlandi dan dan da dan dan da dan dan dan dan d	
Milk meal	.16	86					
TOTAL CATTLE FEED	18.56		-	3874	208		
Poultry	i - Maria kara manari pangalanan dalahadah mengangan penganggan penganggan penganggan penganggan penganggan pe				- Martin Co. ( Martin Company of the Company		
Layers	13.50	3177					
Batteries	8.35	2138					
Chicks	2/14	595		Arrenta de la composição de la composiçã			
Pullets							
Grain	5.40	1103	The second secon	100 100 100 100 100 100 100 100 100 100			
Miscellaneous		<u>148</u>		- Baller - B			
TOTAL POULTRY FEED	29.39	T ±0		7161	244		
Work Animals					And Andreas Control		
Total concentrated feed		and the same of th					
		Annual constitution of the	The suppose of the su	11035		The company of the second	
Cabbage leaves	or designation of the control of the	14		Transport Berlin (194	abragard i Balling		
Orange Peels		38	Telephone and the second secon		Andrews of the state of the sta		
Silage		The second section of the second section of the second section of the second section s	от на ответство на	52	a men	et de la companya de	
			and the second s			در د	
					All representations and the second se		
	erromania participa de la constanta participa de la constanta participa de la constanta del constanta de la co			And the second s	aude aerine den gegen ge		a Vinagunga a constant
Green fodder & pasture				All and the first had a stable deposit on the same, qualifying an annual services and		nitra an industria paga and the seas and an executed the first and an electrical efficiency deals	
	15.3	1872					
	AND THE PROPERTY OF THE PROPER						
Нау		Marie Company and a strong contract of page 1920.					
II d y	The state of the s			1872			
		Andrew Andrew Control of the Control					a material combination to the temperature of the combination of the co
Straw	Annual for Control to the state of the state						
	A the state of the	Berger of the state of the stat		- which professions who see the second control see the second control second cont		or the same and applicate a data and the same and produced and the same and the same and the same and the same	
	Market et al.	Total Control of the					i describe e receita
Miscellaneous			<u> </u>	-			
Total feed purchased				12959			
Total for cattle use	The second distriction of the second distric			5798			

## CURRENT EXPENSES

	Unit		IL.			The second secon	
I t e m	and quantitie	s Co-op	Private	Total	Price per Unit	Designation	Remarks
Petroleum		133		E TOTAL PLANT CONTRACTOR AND THE	C. C	Home use 40 IL	
Electricity		120		PRIVING STANLARS AND	Andrew Control of the	" " 47 II.	
	To your age of the same of the	120			And the control of th	7/ 11	
					and the state of t		
Fuel and power				253	or constitution of the con		
Seed for fodder							
crops		227			To the state of th		
	`	······································					
akan ng andhanan an an angundun an indianahangan kinda mahapan a mana saka agan manamah kindah dan			- in the paper				
Seeds and plants				227			
and the state of t							
			Constitution of the Consti				
Water				425		n Bullet Manufacture and the state of the st	A Miller and the Control of the Cont
			age of the second				
Imminat as a							
[munizat.of calves " chicks		72					
Spraying Orchard		264	Table of the same		····		
		86					
Veterinary Supply		32		WELFER ANDREWS, rowing, personal and representations			
Expenses for pest control			100	454			
and the superior and th		24		****		Name again name ray aparta grape and an again and an again and a said and a said and a said and a said and a s	
		64					
Orchard		35					
Deep Ploughing		280	emonthron con				
THE REAL PROPERTY AND ADDRESS OF THE PROPERTY		47					
Rent for machinery	enghibringinger		Proposition and Wild Representation and	4 50			?
nterim Summary		and the state of t		1809	and stage of the party of the p		rendur y dermin differen dies eren delse erken die bei volleigen kan deuen verwahre die alle dersekteren.
	COMMINISTRATION OF THE PROPERTY OF THE PROPERT		E STATE OF THE STA		Wate	r per physical	Cub.
					Cipro) Memoria	Dunam	
		~~~~			Ç.		IL.

Wheel

in IL.

## CURRENT EXPENSES

	Unit	morthur man i spessi deleja suelena senga astauning sajan kadalandin	IL		D2:500	Dogianation	Domenter		
I t e m	and quantities	Co-op	Private	Total	Price per Unit	Designation	Remarks		
L i m e		18	samings to again and a series of the again				and the second s		
Fertilizers		306							
			nadana da negeria angarangan		interest in the second				
Fertilizers and				324					
Manure Artf. Insemina-		99		UNI	V 10 10 10 10 10 10 10 10 10 10 10 10 10	The group desired transfer of the transfer of the specific area of the s	destinates a pagas atmosphalapagetis ir risk arresportation of anticonstruction of arresportation of the		
tion Herd book									
Security		72 6		·····					
Cattle miscell.		97							
Poultry "		111			and the same of th				
Transportation &	Completed and any lice's lyid complet case is considerable 1960. Piles externing, delete facts and	nder uit Philippin voorscher Stepen weren besteren ze gener		385	The land of the same of the sa				
Marketing costs	and the state of t				To the second copies should be second				
Co-op Taxes					e posti - atomi il 1	4.00	·		
					NA MARKATANA	Co-op 1106			
Total Taxes	A distribution of the state of	-		440					
Cattle Insurance	And the state of t	345							
Security "		128					·		
		Table of the Control			The state of the s				
Insurance			nde enganteering till mag haass, strangganga aabaan k g g g g g g g	473					
Cattle		2					distribution of the committee of the control of the		
Misc.		337	And the state of t		*PONT Transfer of America				
Miscellaneous			The state of the s	339	A name and a state of financiary of				
Interim Summary	The second second second second or any page 100 to 100 ages 100 ag			1961	South Commence of the Park				

S u m m a r y

IL.

## Summary of expenses in IL.

[float ]	
Total page 9	12959
" " 10	1809
" 1.1	1961
Total other cash expenses	16729

of the spiritual property and the spiritual spiritual property of the spiritual spiritual property of the spiritual proper			
Expenses	Cash	Imputed	Total
Other cash expenses	16729	><	16729
Salary for workers	71	7614	7685
Rent	20	_	20
Purchase of chicks & pulle	s 974		974
Interest	-	-	
Depreciation		1308	1308
Total farm expenses	17794	8922	26716
and the second s			

			•						
			Full (*	Age a	t)	Yearly	Value :	in IL.	
I t e m	L		replacem-					Λt	
	Cubic	Full description	ent valu	ie ing	0}		beginning		Remarks
	Meter		IL.	year		IL.	of year	year	n o m a r k s
	50		7500	23	1 3	225	2550	2325	
	50	1	1650	11	3	50	1150	1100	
	92		140CC	1958		-	_	14000	
Living quarters			23150			275	3700	17425	
Cow shed	RO.		entervisio (()) pro de managente de la proprieta dela proprieta del la proprieta del la proprieta de la propri			g and the officers and the state of the stat		e a destruction de la participa de la particip	renglikus ilmyyta yyd i de ille isaadad menen yydy o dybadada ingospiama a dagaaba samood na rig niy ay penediriyd as abs ar
I ay barn	<b>5</b> 0		2500	36 <u>-</u> 7	2.5	7.8	1272	1234	market, der sydnesse milig de gegen gesterne gesterne gegen verste der der der der krieften der der krieften gegen der der der der krieften der der krieften der
Coen shed		1	1750	6	<u>5</u>	88	1310	1222	
Manure pit				<b> </b>					
Fences		Beton 100 qum.	60C	36			_		
	18	. i	700	10	5	3.5	385	350	
	<b>.</b>		1000	5		100	600	500	
	*			1			2.00		
Total buildings for		and principles and the section of th	THE RESERVE THE PROPERTY OF TH	January Marine M	-	TT-R-or-skip-det sør-skip-groupsparaet stamb	r skiedzinfelen ett der general kannen og general og general og general og general og general og general og ge	and the system of the special later or many in the state of the state	المجالات عديد إنكارات معينات المراجع والمراوع الأطاعة عن المجالات المراجع الأطاعة المداعد المراجع المراجع الأطاعة المحافظة الأطاعة المحافظة الأطاعة المحافظة الأطاعة المحافظة الأطاعة المحافظة الأطاعة المحافظة الم
dairy herd			6550	T-COMPANY OF THE COMPANY OF THE COMP		261	3567	3306	
Poultry houses	1 40		1600	34	2.5		200	240	taken hand filman, in a film order model in an interest prescribe great of here are a 1-1 above them are a 1-1 above the film order to the film or the
	40	1	1600	49	-		200	£ ± U	
Rearing house	90		3600	3	3	108	3384	3276	
Hom Tik Home	30		1200	22	3	36	444	408	
Mr. of Batteries		Rearing Battery electr.							
		72 Unit Laying Battery	900	5	10	<b>3</b> 0	540	450	
Store	18	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	400	7	10	40	160	120	
			6.00	20	3	18	258	240	
Total poultry buildings			9900	and the service of th	Maria de Maria - Kriginia a de Cara de	332	5066	4734	
					-			TOT	ntegranging distribution from planting order than from the state of th
			La managina		The state of the s	A continue and the cont	at / major commander	sani tajujumpi il com	
					Thursday and sections and				
Total other buildings	Company of the state of the sta			Mar Charles Marc Andrew Green Shandon and Angelo and Angelo		The Principle of the Principle of the State	and the state of t	artin collection and algorithm and collection and a definition of the collection and a second an	
Total farm buildings	; ;		16450	The second production of the second s	And the state of t	593	8633	8040	OF THE MINISTER OF STANDARD MINISTER PROPERTY OF COMMISSION AND ADDRESS OF COMMISSION AND ADDRESS OF COMMISSION AND ADDRESS OF COMMISSION ADDRESS OF COMISSION ADDRESS OF COMMISSION ADDRESS OF COMMISSION ADDRESS OF COMMIS
* Dunchagaga			10400			593	8633	8040	i

<sup>\*)</sup> Purchases and sales according to actual prices

C A P I T A L

I t e m	Full description	Full (*replace- ment value-II	beginn-	depr	early eciation	Value in At beginning of year	At	Designation deprecia	
Brought forward p.12		16450		The state of the s	593	8633	8040	Branch	IL.
Tractors	Ferguson	4500	2	7	315	41.85	3870	Fodder	
Sprayers								Grains	
Floughs								Vegetables	
Cultivators	1/3	80	2	10	8	72	64	Orchards	
Drills									
Rakes			<b></b>				.,		***************************************
Carts			<u> </u>						
Choppers	for tractor	250	1958				250		
Farrows	ar severa analisa iniconi como a regiona con estambia de la constante son es estambilista de la constante de c								
77		(4)100		10	140	1400	1260		
Platform		:1400	1	10	140	1400	1200		
	The state of the s								
								and the constitution and the specimental and the speciments and the speciments are the sp	Andres of depression of the second se
Total tools & machines		6230			463	5657	5444		adiem energiele idean
Pipes 1 Inches	600 Meter	1200	10	10	120	120	ayahayata Piriya ahayan atabuta Araba Araba Araba	Fodder	
2 "	120 "	240	3	10	24	192	- 168	Grains.	
	11		· · · · · · · · · · · · · · · · · · ·	10			100	Vegetables	
•••• ••• •• •• •• •• •• •• •• •• •• ••								Orchards	
Water meter	1	130	10	10	13	13	_		
							and the second seco	Per physical dunam	A annu ang maganina ana ang mana ang m
fotel irrigation equipment		1570			157	325	168	in IL.	
Interim summary - bri	ing forward to page 14	24250	and the second s	- Contract of the Contract of	1213	14615	13652		<u>1</u> 13

<sup>\*)</sup> Purchases and sales according to actual prices

I t e m	Full	description	Full (*( replacem. value - IL.	Age at beginning of year	depr	arly eciation IL.	Value in At beginning of year	At	Designation of de- preciation	
Brought forward p. 13	Managementalises of Agreement to the Advisor trace of the Language Agreement (Agreement of the Language Agreement of the L		24250			1213	14615	13652	Branch IL.	
									Fodder Grains Vegetables Orchards	
Draught animals .				and management of the state of		aagadususiittei kiitti jälkoosaksi dassee altiitiis	ANTONIO DE PIRO, DONIO UNITO ROCAZIO UNITARE REPUBBLICA DE PRESENTA	n er stag egydd y o gynhafyd y ddiwl y ddiwl andd 'i haf fy hyflw o Thart faw shafd y		
	Lemons Oranges Valencia	) 2 dunams )	680	21–22		45	725	680		
	New plantation	n	200	1958	-	_		200		
	Clementina	4.6 dunams	2555	4-6-21		50	2605	2555		
		-						bory and a series of the serie		, a nagy <b>á thái phá</b> con <b>áin</b> a
Total crchards			3435			95	3330	3435		nas andriver of
			,							na be (Alakahan alil Taylor bat or-
Total stores								nast kapanin kali kali kali kali kali kali kali kali	Capital per standard dun <b>am</b>	
Total farm capital			27685			1308	17945	17087		partonical co

<sup>\*)</sup> Purchases and sales according to actual prices

A	At begin	ning of y	ear	At en	d of year	
Assets	Farm	Co-op	Total	Farm	Co-op	Total
Living quarters	3700			17425	, ,	
Buildings for dairy herd	3567		r Marie and the State of the St	3306	er termenade for sea having -makes of makes species a ser and produced particles and sealest design of makes of	· · · · · · · · · · · · · · · · · · ·
Poultry buildings	5066					
Machines	5657			4 <b>73</b> 4 5444		
[rrigation equipment	325			168		
)raught animals						
rchards	3330			3435		
Stores						
Sattle Poultry	19150			18570		
other livestock	2386			3908		
Joans to others						
Credit in the Co-op.	3300					
Total in assets	42781			70565		***
100m 11 000000	45101		-	39565		1

Liabilities	The	Year	How	%	Debts At æginning	in IL.	Year	ly cash yments	Managanginter-between
(including current accounts)	Lender	loan rec'd	many years	Interest		of year	Principal	Interest	Tota
								Harry Tanganan Maria Panganan Maria Panganan Maria Panganan Maria Panganan Maria Panganan Maria Panganan Pangan Panganan Panganan Panganan Panganan Panganan Panganan Pangan Panganan Pangan Pangan Pangan Pangan Pangan Pa	
						Property and the second			
Total exceeding a year	a digi dan sampan dikali maji apadaman da pinda da di da Baran di da d		- Mari Pirita da Maria Maria da Artin de Artin d					And the second s	- en de galle Papalle (g. 166 1894) Translateri, talk dy st. Austria
Private debt						1000			
Debt at current acc.						3594			
Total less than a year			ameli a de de de julija ya kwe ngang ng diga ng	The second secon	And the State of the State of	4594			<del>nderskelle</del> oger som engles tiller fla
Total			The second of th						etheregy quie Navanerae.
Imputed interest -	IL.		n kralifer des verdensemmen forenen i de en pelemenge i sekte gele de de de en transpirate provincia de enfer y pelemente de de une en des enferies de	Tota	al interes	st - 1	L.		er mystek yferefferfir i feldere Gruef ar enflyddiol (dr. 1956 a 1974

Summary of capital at end of year - IL.	Farm	Co-op.	Total
Living quarters	17425		
Farm capital	39565		
Short term debts	4594		
Long term debts			
Equity	52396		

## S U M M A'R Y

Production and Output	Gross Production	Farm	S a 1	es	Home use	Changes in	Gross	Cash sales
in IL.	Production	use	Co-op	Private	use	inventory + -	Output	Sares
Fodder and grains	2920	2659	261	The state of the s	The state of the s	A contract of the contract of	261	261
Vegetables & potatoes			Page - space to the space to th		1			
Orchards	5110		5110	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0			5 <b>1</b> 10	5110
Miscellaneous crops			4					
Total crops		•••••	authorized data	7.00				
Dairy herd	15886	844	15369	80	173	- 580	15042	15449
Laying flock	11904	144	9478	a de la companya de l	760	1522	11760	9478
Other poultry					And the second s			
Other livestock				de de la company				
Investments which do								-
not appear in inventory			•	<u>.</u>				
								······································
				1				
		•						
				1 1 1 1				
				e de la companya de l				
N2 2 2				12 miles				
Miscellaneous		*********************	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·		THE RESEARCH SHOWN CONTRACTOR AND ADDRESS OF THE PARTY OF		
Total	35820	3647	30218	80	933	942	32173	30298

Measure of profitability	IL.
Gross production	35820
Gross output	32173
Total cash expenses + depreciation	19102
Net income	13071
Imputed labour expenses	7614
Net profit	5457
Nr. of family labour days	662
Income per family labour day	19.7
•	

THE PROPERTY OF CONTROL OF THE PROPERTY OF THE	orchard	poultry	dairy	green fodder
Concentr. feed	mental and the second	7161	3874	
Green fodder		Market and control of the second of the seco	52	
Пау		decimands of the adjustment	1872	many) per destruction destruct
Straw	And the second s	Control of Control	To the control of the	
PURCH FODDER	g 1,500 or 980 o	7161	5798	
Pest control	86			
Seeds	The American Comments of the C	mary and the second sec		227
Water	85	o de la companya de l		340
Tractor	90	entre	Andrew att working	360
Fertilizers	64	and the company of th		260
Rent	-	——————————————————————————————————————	-	20
Depr. of Machinery	93	Marketon control of the control of t		370
" " Irrig.Equip.	31	en eigen geben ber eigen ge		126
" " Orchard	95	Proposition of the Control of the Co		errore version en entre constante de la consta
TOTAL EXPENSES FOR FIELD WORK	544			1703
Paid Work Days		en eine eine eine eine eine eine eine e	· ·	71
Chicks		974		
Pest Control Livst.	And the state of t	264	104	
F u e 1		123	130	AND CONTRACTOR OF THE CONTRACT
Production Expenses		111	274	The region of th
Taxes .	66	132	242	merinania internita intern
Insurances		73	400	marin mercen mer
Misc.	50	102	187	era gamma proprieta
TOTAL WISC. EXPENSES	116	805	1337	and the second s
Depr. of Buildings		332	261	
TOTAL EXPENSES	660	9272	7396	1774

TOTAL EXP. for GREEN

147 Work Days

1764

FCDDER PRODUCED ON THE FARM

= 251 Prutot per feed unit.

THE PROPERTY OF THE PROPERTY O	orchard	poultry	dairy	green fodder
Concentr. feed	Transfer and Parket Company	7161	3874	- Comparison of the Comparison
Green fodder	Consider a particular de la constanta de la co	PROPERTY OF THE PROPERTY OF TH	52	Parkers and the second
Нау	Port War International	The state of the s	1872	No della controlla control
Straw			-	
PURCH FODDER		7161	5798	
Pest control	86			
Seeds	everine and the second	The state of the s	market of the control	227
Water	85	- Constant Proposalisti Walk		340
Tractor .	90	Management of the second	values and account of the training of the trai	360
Fertilizers	64	The country of the co	er <del>de l'experience de l'exper</del>	260
Rent		-	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	20
Depr. of Machinery	93	**************************************	NATION PROPERTY MANAGEMENT	370
" " Irrig Equip.	31		-	126
" " Orchard	95		Andrew Company	
TOTAL EXPENSES FOR FIELD WORK	544			1703
Paid Work Days			**************************************	71
Chicks		974		
Pest Control Livst.		264	104	englandis (Barris Printin reella il nei deligioni (Carris Printin Reella il nei deligioni)
Fuel		123	130	
Production Expenses		111	274	
Taxes	66	132	242	
Insurances		73	400	
Misc.	50	102	187	
TOTAL MISC. EXPENSES	116	805	1337	
Depr. of Buildings		332	261	
TOTAL EXPENSES	660	9272	7396	1774

TOTAL EXP. for GREEN

147 Work Days

1764

FCDDER PRODUCED ON THE FARM

<sup>= 251</sup> Prutot per feed unit.

#### PURCHASES FROM THE CO-OP. SUPPLY STORE

		Cattl	e Feed	d			Principle and the second and the second as a	P	o u	1 t :	. у		Fe	e d	n, physiography (Shallace in Grandenschaft) a new marie (Sallace i Sallace i Shallace i Shallace				Grain		Sac	1-0	
Date of	Conc.F		Conc	-	1						Fodd e				- C n	a i ns	Mi	scell	for w	vork nals		K.S	Total
Purchase	for C	OWB	for o	calves	Pow	der	For Layer		Pul	or lets	Fo Chi	r cks	Batte	or eries	GI	a I IIS	MIT	scem		-	+	-	
	Quant.	I.P.	Qiant.	I.P.	Q.	I.P.	Q.	I.P.	<u>વ.</u>	I.P.	ಧ್ಯ•	I.P	ે.	I.P.	<u> ૨</u> .	I.P.	Ω,•	I.P.	- ૨	I.P.	I.P.	I.P	1.P.
X ·. 57	800	157				20	550	119					800	178	950	190		12					676
XI	750	146				20	850	182					800	181	700	140		4					673
XII	1.350	262					1000	214					900	203	615	123		8					810
I 58	1.600	310					1300	278					450	102	567	113		9					812
II	1.150	235		3		20	1000	230					300	77	300	63		4					632
III	1.450	302		3			350	84			200	56	700	189	150	32		4					670
ſΛ	1.700	360				26	_	-			650	182	1.200	<b>32</b> 9	500	105		4					1006
₹ ;	1.700	366					850	211			400	114	700	192	400	. 84		35				Andrews (1981) (1981)	1002
\lambda_I	1.600	344					1100	273			600	172	<b>7</b> 00	192	250	53	٠	12					1046
<b>V</b> II	1.750	359					<b>17</b> 00	4 <b>1</b> 3			250	71	650	178	250	53		32					1106
AIII .	1.750	359					2600	632					650	179	300	63		4					1237
(	1.600	333					2200	541					500	138	400	84		20					1116
IX (	600	124																					124
(	600	125																					125
	18,400	3782		6		86	13.500	3 <b>17</b> 7			2.100	595	8350	2138	5382	1103		<b>1</b> 48					11035

SUMMARY ACCOUNT FOR THE ANALYSIS OF FAMILY FARMS

Farm number 1 XIX
Year 1957/58 Family Farm Project

1 1 C O M C	Total Ir	ncome	Octo	ber	Nove	mber	Dece	mber	Janu	ary	Febr	uary	Mai	ch:	Αp	ril	М	ay	Jun	ıe	Ju	ly	Au <sub>é</sub>	gust	Sep	tember
1 11 0 0 11 0	I.P.	Qty	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Qty.	I.È.	Qty.	I.P.	Qty.	I.P.	Qty.	I.P.	Jty.
Dairy herd	A CARECTORIO TO SERVICE AND ELLA SERVICE STORE TO SERVICE AND SERVICE SERVICE STORE SERVICE SE	e de la composition della comp			AND THE COMMENT AND THE STREET AND AND THE STREET	en entimatate to a source de la company	TOOKS AND NAME PERSON	and the state of t		n een <b>eeste e</b> en stad gehinderske van de stad ge	**************************************					TARRETON CONTROL		OVER MANUAL PROPERTY.							A TOMAN AND MANAGEMENT	
Milk (kg)	8615	29970	585	2000	617	2123	701	2313	619	2173	631	2093	913	3107	956	3438	945	3386	812	2879	711	2547	565	1921	560	1990
Bull calves	3794		1791												2003					ar and an area of the area of						
Cow sales	2960		500		1100			The state of the s	-		• 4				No.		1360				-	ente produces es	E - 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
			-									L I I KARPAN IN DAN TAN TAN TAN TAN TAN TAN TAN TAN TAN T				antant voupe the month					andertelevit undergebrie					
David																Mary in agriculture agricultur						And the second s		,		
Poultry	3700	21483	800	4100	600	3503	777	1005	007	1610	047	1070	4.6.4	070	5.45	1010									,	
Brood Eggs (units) Table Eggs (units)	4108				699 153		333	1905	283	1618	217		164		317	1810	177	1011	200	1352	119	914	208	1597		1416
TROTE ESS (MILTO)	7100	01000	202	2100	לכו	1907	1 707	4365	595	7475	488	5949	464	5937	287	4061	259	3499	191	2734	261	3606	272	4128	573	9197
Geese				- Andready Control of States of Stat	- A-A-C-Transmissary-page in - Delivery	A PERSON AND AND AND AND AND AND AND AND AND AN	Andreas de la constante de la	terita manaja prija data managania	-								To the state of th			Andreas and the state of the st						
Breeding cocks	124		12	5	-									Apparatus configuration of the property of the							4	3	64	. 52	44	22
Meat from layers(uni	ts) 1179		<b>1</b> 25	34	266	140	202	64	119	41	196	60	246	75	6	3	7	5					10	6	2	1
Broilers (units)	367		37	5	38	6	82	12	11	2	12	2	4	1	5	1			46	28	4	1	87	55	41	15
							4 Processing											The state of the s								
Citrus Fruit (kg.)				And the state of t	Professional Control of Control o		Williams of the state of the st	,													·					
Clementines	1610	8039			1378	6749	153	845			:		<b>7</b> 9	999								and demonstration of the second district of t				
Shamuti	2539												820	9651	1422						297	a a · · · · · · · · · · · · · · · · · ·				40
VVal encia	253		-	- Anna Carlo			dental de									<b>15</b> 8	<b>1</b> 868				95					
Lemons	708		·				Printers and the Second						549	6997							159	Commission and Commis				
			·																							
Hay and grains returned empty sacks residual payments Work for the Co-op.	129		9		9		۷ .		29		-				18				15		21		28			
Interest					ω ** •																· · · · · · · · · · · · · · · · · · ·					
Sale of seeds	261		1004		38		185		4656				38	סתרי ו ך							had serve som den verken serve som verke en mente, je sale selv, greger om en bete		en en en seulen seus en se en en en selecte, en			
TOTAL INCOME	30347		4061		4298		2019		1656		<b>1</b> 544		4699		35 <b>9</b> 2		2906		1264		1671	1	1234		1403	

Farm Number Y e a r 1 XIX 1957/58

Expenses	Total E	lxp.	October	Novem	ber	Decembe	er J	anuary	Februar	y Marc	:hı	April	TO COMMENT OF THE PARTY OF THE	May		June		July		Augus	t	Septembe
Expenses	I.L.	Qty.	I.L. Qty.	I.L.	Qty.	I.L.	Qty. I	.L. Qt	y. I.L. Q	ty. I.L	Cty	I.L.	Qty.	I.L.	Qty.	I.L.	Qty.	I.L.	Qty.			I.L. Qty.
Purchases in the Co-op. Store																						
Concentrated feed	3,874		274	216		285		316	257	32	9	392		382		350	,	3 <b>7</b> 2		363		7.70
Hay, straw Silage	1,872	15.3										908		533		350 264		)16		ربر		338 167
Seeds for folder crops	52 227		88	14				14	59		6	38										4.0
Fertilizers	324		55	52		25		18	59 30			22		17		61				19		10 25
Expenses for the Dairy Herd													-									
Artifical insemination	99		9	10		10	an and the state of the state o	20				40		10								
Cattle insurance and veterinary Herd book	99 577 175		39 14	39 14		39 14	-	39 14	39 14		9	39 14		39		39 14		39 14		39 14		148
	110		14	14		14		14	14	1	4	14		14		14		14		14		21
Expenses for the poultry fock																						
Purchase of chicks Pest control	974 264									53	14			7410					4000			
Miscellaneous	111			53					15	1	.2	63		41		30		30		37		48
Concentrated feed	7,161		510	53 507		549		503	374	36	4	620		637		689		747		878		16 783
Expenses for field crops										ŀ										·		
Machinery rent	450	·	20									24		76		212		36		47		35
Land rent Water	450 20 425 86		20 35	7.5		7.5		7.5						,						•		Ì
Pest control in the orchards	86		22	35		35		35	35		5	35		35		35		35		35		40 86
General Expenses		·	The second secon							Administrative surpressions						ndry marteny respec						
Hired Labour Interest	71		23	42		6		#. **														
Miscellaneous	339		76 36			35					8			112						Εď		
Petrol and electricity	340		36	18		35 56	.	12	52		8	38		27		44				58 39		
New Investments																						
Dairy herd									-								1					
Poultry flock Living quarters	8,800			7 800		E 010				***************************************												
Equipment	0,000			3,800		5,000		4		***												
Taxes							-							A. Company of the Com								
Co-op Taxes	1,106		85	85		85	Palacan i specialistica de la compansa de la compan	85	85	Q	5	85		ø۶		۵r		ar		~		~
Income tax Pension funl	1,260 864 30 56		85	75		110		110	110	11	0	110		85 110		85 110		85 110		128 110		128 110
National insurance	30				-	464	· ·	g						400								-10
Cooperative shares	56	-	56					C				)			and the state of t	14		6		7		
Private Expanses							-									and the second s		-				
Co-op. Store Cash drawn from the coop.	1,530		128	128		128		128	128	12 65	8	127 400		127		127		127		127		127
	6,154		5c <sup>0</sup>	480		600		300	400	65	0	400		127 650		250		300		700		127 924
fotal Expenses	37,241		2,053	5,568		7,441	1	,602	1,598	2,46	2	2,960	- Common Trigotom Told	3,735		2,314		1,961		2,601	L	3,006

## THE HEBREW UNIVERSITY THE FACULTY OF AGRICULTURE

REHOVOT

#### REPORT TO THE FARMER

Economic Analysis of the farm operation for the year 1957/58

#### CONTENTS

- 1. Area
- 2. Labour force
- 3. Farm capital

## Results of farm branches

- 4. Vegetables
- 5. Orchards
- 6-7 Dairy herd
- 8-9 Poultry flock
- 10. Summary

#### A rea

At your disposal are 25 cultivatable irrigated dunams

- " unirrigated "

Total 25
=====

vow utilized the irrigated land ..... Months/Dunam in the surveyed years.

you utilized the irrigated land .... Months/Dunam in the surveyed year .... " " " previous "

Crops dunam	Survey	year	Previous years						
or ops dutam	irrigated	unirrigated	irrigated	unirrigated					
Grains									
Green fodder	25.4								
Нау									
Vegetables and potatoes									
Other crops									
Orchards	6.6								
Total	32								

## Labour Force

According to norms you should have invested	578 working days as follows:
Hay, grains and green fodder	127
Orchards	88
Vegetables and potatoes	
Dairy herd	243
Poultry flock	120
Miscellaneous	
Total	578
Actually you invested during the year of these you and your family worked " " paid labourers "	672 working days 662 " " 10 " "
The number of invested working days amounted	therefore to 116 %
of the norms in the surveyed year as against	· · · · · · · /s
in the previous year.	

## Farm Capital

The value of your farm capital at amounted to	the beginning of the	year 42781 I.P.
The value of your farm capital at amounted to	the end of the year	<b>3</b> 9565 I.P.
The value therefore $\frac{inereased}{decreased}$	by	3216 I.P.
<u>l t e m s</u>	At the beginning of year	At the end of year
Farm buildings	8633	8040
Irrigation and other equipment	5982	5612
Orchards	3330	3435
Dairy herd	19150	18570
Poultry flock	2386	3908
Drought animal		
Credit in the Cooperative	3300	
Miscellaneous		

## Vegetables

Surveyed year Utilized area-dunam Yield - ton Gross output - I.P.	year	Yield per dunam-ton Price per ton - I.P. Gross output per dunam - I.P.	Surveyed year	Previous year
Expenses during surv.year Paid work days Seeds and plants Water Machinery Expenses of Drought Animal Fertilizers Rent	-I.P.	Measure of profitability  Gross output - I.P.  Current expenses -I.P.  Net income - I.P.  Net income—per dunam I.P.	Surveyed year	Previous year
Depreciation of equipment Pest control Taxes and miscellaneous T o t a 1				

## ORCHARDS

Fruit bearing orchards	- dunam	5.3	Yield per dunam - ton	5.4
Young orchards	- dunam	1.3	Price per ton - I.P.	180
Yield	- ton	28.5	Gross output per dunam - I.P	
Gross output	- I.P.	5110		

## Expenses

Hired workers	
Cultivation expenses	449
Depreciation	95
Taxes and miscellaneous	116
Total	660
	=====

## Measure of profitability

Gross output	5110	I.P.
Expenses	660_	I.P.
Net income	4450	I.P.

## DAIRY HERD

Annual average number of cattle	Surveyed year	Previous year	Bala		f stock inventoumber of heads	ory
C o w s Heifers Calves Bull calves	6.8 .9 2.5 6.4		Stock at be of year Purchases Births	g. 17  6	Stock at end of year Sales Deaths	17 6

	Surveyed year	Previous year
Total milk production - liter	31710	
Average milk yield per cow - liter	4660	
Price of milk - prutot per liter	288	
Price of purchased feed - unit - prutot	240	
Price of farm produced feed - unit - prutot	251	
Concentrated feed units in percent of total supp	ly 48	
Purchased feed units in percent of total supply	63	

## DAIRY HERD (CONT.)

Income	Surveyed year	Previous year	Expenses	Surveyed year	Previous year
Milk	8788		Concentrated fodder	3874	
Inventory charges	<del>-</del> 580		Purchased hay, straw	1924	
Sales of cattle	6754		Exp. of farm produced		
Manure	<u> </u>		fodder	1774	
Total gross output	15042		Hired labour		
reliefe in faction of a property of the filter of the state of the sta	=======		Taxes and miscellaneou	s 1337	
		ŕ	Depr. of buildings and equipment T ot a 1	<u>261</u> 9170	

Net income per cow - I.P.	863 ======	
	=====	
Net Income -I.P.	5872	
Expenses - I.P.	9170	
Gross output - I.P.	15042	
measure of profitability	Surveyed year	Previous year

POULTRY FLOCK

## Utilization of poultry fodder (Number of Standard eggs per ton of feed)

	Per ton of	70	
Total consumption of feed - ton 29.4	feed		Monetary proportion
Total eggs 81100	2760	70	68
Total kg. of meat $1749 \times 20 = 34980$	1190	30	32
Total Standard eggs 115080	3950	100	100

#### Inventory of poultry - units

	At beginning of year	At end of year
Chicks		
Pullets	305	400
Broilers		
Layers	$7^{\dagger})^{\dagger}$	677
Breed cocks		

Purchased chicks - 1200

Purchased pullets - \_\_\_

## POULTRY FLOCK (CONT.)

<u>Income</u>	Surv. year	Previous year
Eggs	8008	
Inventory changes	1522	
Poultry sales and home use  Manure	2230	
Total gross output	11760	

Expenses	Surv.	Previous year
Purchased feed	7161	A de la constant de l
Exp. of grain production		
Hired labour		
Purchased chicks	974	
Pest control	264	
Fuel	123	
Taxes and misc.	418	
Depr.of buildings and equipment	332	•
Total	92 <b>7</b> 2	

Previous year

## Measure of profitability

	Surveyed year
Gross output	11760
Expenses	9272
Net Income	2,488
Net income per ton of feed	85
	Congel in the lan Tradition and Congress and

- 10 -

## Summary of profitability in surveyed year - I.P.

	Gross output	Gross input	Net income		
Vegetables and potatoes					
Orchards	<b>511</b> 0	660	4450		
Dairy herd	15042	9170	5872		
Poultry flock	11760	9272	2488		
Miscellaneous *	261	_	261		
Total	32173	19102	13071		
	=======				
Previous year - tota	1 =======	=======	======		
Miscellaneous * Sales of fodder seeds					
				******	

