

THE EVALUATION STUDY ON
THE JAPANESE TECHNICAL COOPERATION PROJECTS
IN REPUBLIC OF THE PHILIPPINES

QUESTIONNAIRE

THE STRENGTHENING OF NATIONAL ARTIFICIAL INSEMINATION PROGRAM

TO

PHILIPPINE EVALUATORS

JAPAN OVERSEAS COOPERATION VOLUNTEERS
JAPAN INTERNATIONAL COOPERATION AGENCY, JAPAN

JANUARY 1994

EVALUATION STUDY
INFORMATION BROCHURE

Introduction and Purpose of Survey

This questionnaire is part of an evaluation study of the project which was assisted by Japan Overseas Cooperation Volunteers, Japan International Cooperation Agency (JOCV/JICA) and you can find the questionnaire is revised a standard format of JICA project-type technical cooperation to go along with JOCV cooperation. The project which is being evaluated is the Strengthening of National Artificial Insemination Program at DA, 1989-1994.

The main purpose of this evaluation study is to identify achievements and problems of this project such that future projects can benefit from the lessons learnt here.

Questionnaire Format

This questionnaire is divided into three (3) main parts:-

1. Degree of Target Achievement
2. Impact
3. Prospects of Sustainability

We seek your fullest cooperation in providing frank and honest opinions, and we assure you that opinions expressed herein will not be attributed to individual persons, and that full confidentiality can be expected.

Evaluation Sheet (評価表)

This evaluation will be carried out in accordance with the following criteria;

- A. Program implementation including technology transfer has been complete as planned, and self-reliance by DA and Local Government Units is possible.
- B. Program implementation including technology transfer has been complete as planned, but in order to be self-reliant DA and LGU's need to make continuous efforts for further development and improvement.
- C. Program implementation including technology transfer has been almost complete as planned, however, difficulty still exists in the application and development of the program.
- D. Program implementation including technology transfer has not been complete as planned.

1. Degree of Target Achievement (目標達成度)

1-1. Conformity to Higher Goals (上位計画との整合性)

This item evaluates whether the project objectives are well in line with the national goals such as increase of farmers profitability and income.

Q. The project objectives are:

- A. precisely in line with the national plan of increase of farmers profitability and income and the Project is most timely.
- B. well in line with the national plan of and the Project, together with other measures, will help achieve the goal.
- C. in line with the national goals, however, the Project is not strong enough to support the national goal.
- D. not in line with the national goal.

Answer	
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Comment:

1-2. Achievement of Project Objectives (案件目的の達成状況)

This item evaluates whether the overall project objectives (increase of farmers profitability and income through introduction of improved technologies) have been achieved or not.

Q. The project objectives are:

- A. The overall project objectives have been achieved as originally planned and DA/LGUs is now ready to be self-reliant.
- B. The overall project objectives have been achieved but in order to be self-reliant DA/LGUs need to make continuous efforts for further development and improvement.
- C. The overall project objectives have been almost achieved, however, difficulty still exists in the implementation of the program.
- D. The overall project objectives have not been achieved satisfactorily.

Answer	
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Comment;

1-3. Output (アウトプット)

This item evaluates the degree of improvement of technology in large animal raising through the efficient AI services in the following fields.

For each area of technology transfer or technological capability will be evaluated on the following items/subjects/fields and this evaluation will be done separately.

1-3-1. Improvement of Farming method in raising large animal.

- a. Forage area planted
- b. Introduction of new method
- c. Improvement of farm management observed

1-3-2. Artificial insemination services

- a. Number of AI technician
- b. Number of animal inseminated
- c. Number of farm served AI
- d. Number of pregnancy diagnosis conducted
- e. Percentage of pregnancy diagnosis conducted
- f. Conception rate
- g. Number of offsprings confirmed
- h. Percentage of offsprings confirmed
- i. Number of seminor conducted
- j. Number of attendance to seminor conducted
- k. Percentage learning New Reporting Form
- l. Utilization of computer system for data analysis
- m. Number of semen produced
- n. Quality of semen produced

1-3-3. Organizational set up

- a. Construction of instructional system
- b. Designation of full time work to AI technician in the program
- c. Conducting regular meeting

1-4. Input - Japan (インプット/日本側)

1-4-1. Dispatch of JOCV volunteers

This item evaluates the dispatch of Japanese volunteers.

- A. All the volunteers have been dispatched as originally planned.
- B. All the volunteers have been dispatched as planned, however, the Japanese side had some difficulty in recluting the volunteers requested by PNVSCA.
- C. Most volunteers have been dispatched as planned but technology transfer has been somehow affected.
- D. Not all the volunteers have been dispatched as planned and technology transfer has been badly affected.

Answer	
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Comment;

1-4-2. Training of Counterparts in Japan (研修員の受け入れ)

This item evaluates the training of counterparts in Japan.

- A. All the key counterparts have been effectively trained in Japan as planned
- B. Most key counterparts have been effectively trained in Japan
- C. Most key counterparts have been effectively trained in Japan but not well linked to technology transfer in the Philippines.
- D. Counterpart training in Japan has not been executed as planned and badly affected technology transfer in the Philippines.

Answer	
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Comment:

1-4-3. Provision of Vehicles & Equipment (供与機材)

This item evaluates the provision of vehicles & equipment by JOCV/JICA.

- A. All the vehicles & equipment have been provided by JICA for the effective implementation of the program.
- B. Almost all the vehicles & equipment have been provided by JOCV/JICA for the effective implementation of the program.
- C. Almost all the vehicles & equipment have been provided by JOCV/JICA but implementation of the program has been somehow affected by shortage and late arrivals.
- D. Provision of vehicles & equipment has been insufficient for the effective implementation of the program.

Answer	
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Comment:

1-5. Input - Philippines (インプット/フィ側)

1-5-1. Allocation of Counterparts (カウンターパート配置)

This item evaluates the allocation of counterparts by DA & LGUs.

- A. All the counterparts/staff have been allocated as planned for the effective implementaion of the program.
- B. Most of the counterparts/staff have been allocated as planned and the program has been effectively implemented.
- C. Most of the counterparts/staff have been allocated as planned but implementaion of the program has been somehow affected by the shortage of staff and late appointment.
- D. Allocation of the counterparts/staff have been insufficient and it badly affected effective implementation of the program.

Answer	
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Comment;

1-5-2. Budgetary Allocation (予算措置)

This item evaluates the allocation of budget for the program by the Philippine Government.

- A. Budget has been sufficiently allocated as planned for the program by the Government.
- B. Allocation of budget for the program by the Government has been almost as planned and sufficient for the implementation of the program.
- C. Allocation of budget for the program by the Government has been less than planned and effective transfer of technology has been somehow affected by shortage and late approval.

D. Allocation of budget for the program by the Government has been grossly insufficient for the implementation of the program.

Answer	
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Comment:

2. Impact of the Project (案件の効果)

2-1. Contents of Impact (効果の内容)

2-1-1. Technical Impact (技術的效果)

This item evaluates technical impact of the project.

1) Farmers

- A. The project has successfully implemented and improved the technical knowledge and skills in large animal raising.
- B. The project has implemented and improved the technical knowledge in large animal raising however, further upgrading and improvement will be needed.
- C. The project has implemented and improved the technical knowledge in large animal raising however, they do not seem to be as practical as they should be.
- D. The project has failed to make any achievement.

Answer	
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Comment;

1) AI technicians/laboratory technicians

- A. The project has successfully implemented and improved the technical knowledge and skills in artificial insemination.
- B. The project has implemented and improved the technical knowledge in artificial insemination however further upgrading and improvement will be needed.
- C. The project has implemented and improved the technical knowledge in artificial insemination however, they do not seem to be as practical as they should be.
- D. The project has failed to make any achievement.

Answer	
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Comment;

2-2. Diffusion of impact (効果の広がり)

2-2-1. Farmers

This item evaluates technical impact of the project.

- A. The project has successfully increased farmers profitability and income.
- B. The project has increased farmers profitability however, it is too early to expect significant economic benefits through upgrading farming skill.
- C. The project has implemented effectively, however field survey should be strengthened.
- D. The project has failed to increase farmers profitability and income.

Answer	
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Comment;

2-2-2.AI services

- A. The project has created significant impact for the improvement of quality and quantity of AI services.
- B. The project has created some impact for the improvement of quality and quantity of AI services.
- C. The project has improved quality and quantity of AI services however further efforts are needed.
- D. The project has failed to improve quality and quantity of AI services.

Answer	
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Comment;

3. Prospects of Sustainability (自立発展の見通し)

3-1. Organizational Sustainability (組織的自立発展性)

This item evaluates the project sustainability as a government program.

- A. Project Activities have been developed into a standard operational procedure which is strong enough to sustain and develop itself after the completion of the project.
- B. Through the implementation of the project project activities become a standard operational procedure however, in order to sustain and develop inself after completion of the project the activities need futher improvement.
- C. Through the implementation of the project project activities become a standard operational procedure, however, it is still too weak as a standard operational procedure to sustain and develop itself after the completion of the project.
- D. The project activities is weak as a standard operational procedure and far from being able to sustain and develop itself after the completion of the project.

Answer	
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Comment;

3-2. Financial Sustainability (財務的自立発展性)

This item evaluates DA/LGUs financial sustainability from the viewpoints of revenue and Government's financial assistance.

- A. DA/LGUs will have no problem at all to sustain and develop itself after the completion of the project because of a sufficient revenue and Government's strong financial assistance.
- B. DA/LGUs will be financially viable to sustain and develop itself after the completion of the project because of revenue and Government's continuous assistance.
- C. DA/LGUs may have some financial difficulty in sustaining and developing

itself after the completion of the project even with revenue and Government's financial assistance.

- D. DA/LGUs will not be financially able to sustain and develop itself after the completion of the project due to insufficient revenue and Government's weak assistance.

Answer	
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Comment:

3-3. Physical & Technical Sustainability (物的・技術的自立発展性)

This item evaluates sustainability at technology transferred to Farmers and AI Technicians/Laboratory technicians.

3-3-1. Farmers

- A. Farmers will have no problem at all to sustain and improve themselves interms of physical & technical strength after the completion of the program.
- B. Farmers will have not much problem t osustain and improve themselves interms of physical & technical strength after the completion of the program.
- C. Farmers will sustain and improve themselves interms of physical & technical strength after the completion of the program. However futher activities are needed to extend.
- D. Farmers will not be able to sustain and improve themselves interms of physical & technical strength after the completion of the program due to insuifficent project activities.

Answer	
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Comment:

3-3-2. AI technicians/Laboratory technicians

- A. AI Technicians/Laboratory technicians will have no problem at all to sustain and improve themselves in terms of technical strength after the completion of the project.
- B. AI Technicians/Laboratory technicians will have not much problem to sustain and improve themselves in terms of technical strength after the completion of the project.
- C. AI Technicians/Laboratory technicians will sustain and improve themselves in terms of technical strength after the completion of the project however it still has some difficulty in the area of application and development in order to sustain and develop itself technically.
- D. AI technicians/Laboratory technicians will not be able to sustain and improve themselves technically due to unsuccessful technology transfer and poor maintenance of the facilities.

Answer	
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Comment;

THANK YOU FOR YOUR COOPERATION!

1) プロジェクト管理者へのアンケート調査結果

A: プロジェクトの実施は計画通り行われている。十分に効果があり目標は達成できた。
 B: プロジェクトの実施は計画通り行われているが、目標達成への努力が必要である。
 C: プロジェクトの実施はほぼ計画通り行われているが、目標達成は困難が伴う。
 D: プロジェクトの実施は計画通り行われていない。

<p>a. 目標達成度</p> <p>a) 上位計画との整合性</p> <p>b) 案件目的の達成状況</p>	<p>C(0), D(0)</p>
<p>b. 日本側インプット</p> <p>a) 協力隊員の派遣</p> <p>b) 研修員の受け入れ</p> <p>c) 機材供与</p>	<p>D(0)</p> <p>N/A(6)</p> <p>D(0) N/A(6)</p>
<p>c. フィリピン側インプット</p> <p>a) カウンターパート配置</p> <p>b) 予算措置</p>	<p>D(0)</p> <p>D(0)</p>

<p>d. 案件の効果</p>	
<p>a) 技術的效果 i. 農民への技術効果</p>	
<p>ii. 人工授精師への技術的效果</p>	
<p>b) 効果の広がり i. 農民への効果の広がり</p>	
<p>ii. 人工授精師への効果の広がり</p>	
<p>e. 自立発展の見通し</p>	
<p>a) 組織的自立発展性</p>	
<p>b) 財務的自立発展性</p>	
<p>c) 物的・技術的自立発展性 i. 農民の物的・技術的発展性</p>	
<p>ii. 人工授精師の物的・技術的自立発展性</p>	

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THE JAPANESE TECHNICAL COOPERATION PROJECTS
IN REPUBLIC OF THE PHILIPPINES

QUESTIONNAIRE

STRENGTHENING OF THE NATIONAL ARTIFICIAL INSEMINATION PROGRAM

TO

BENEFICIARIES

DEPARTMENT OF AGRICULTURE, REPUBLIC OF THE PHILIPPINES

JAPAN OVERSEAS COOPERATION VOLUNTEERS,
JAPAN INTERNATIONAL COOPERATION AGENCY

JANUARY 1994

EVALUATION STUDY
INFORMATION BROCHURE

Introduction and Purpose of Survey

This questionnaire is a part of an evaluation study of the project which was funded by Japan Overseas Cooperation Volunteers, Japan International Cooperation Agency (JOCV/JICA).

The project which is being evaluated is the the Strengthening of National Artificial Insemination Program. (hereinafter referred as "the project")

The main purpose of this evaluation study is to identify achievements and problems of the project such that future projects can benefit from the lessons learnt here as the reference to the final evalutaion.

Questionnaire Format

This questionnaire is divided into three (3) main parts:-

Impact: Proves into the effects of the project, direct or indirect, positive or negative

Effectivenss: studies the extent wherby the objectives of the project are successful

Relevance: investigates whether the objectives of the project are pertinent and worthwhile

We seek your fullest cooperation in providing frank and honest opinions, and we assure you that opinions expressed herein will not be attributed to individual persons, and that full confidentiality can be expected. All published results of this survey will only be in aggregated statistics.

Background of the Project

In 1989, the Japanese government agreed to provide a technical cooperation in the field of livestock industry through strengthening of National Artificial Insemination in large animals. This Project will be completed in 1994.

EVALUATION STUDY

Date: _____

Background Information

1. Respondent's name _____
2. Address _____
3. Main Source of income _____
4. Number of family living with _____
5. Area of own land _____ Ha _____ m²
6. Animals raising

Cattle ;	Bull(hds)	Cow(hds)	heifer(hds)
	Bull Calf(hds)	Fewale Calf(hds)	
Carabao;	Bull(hds)	Cow(hds)	heifer(hds)
	Bull Calf(hds)	Female Calf(hds)	
Pig ;	Boar(hds)	Saw(hds)	Gilt(hds)
	male piglet(hds)	female piglet(hds)	
	* Calf (below 1 year old)		
	* Piglet (Before win)		
Goat ;	Buck(hds)	Doe(hds)	Kid(hds)
Sheep ;	Ram(hds)	Ewe(hds)	Lamb(hds)
Chicken ;	(hds)		
Others ;	(hds)	(hds)	(hds)
7. Kind/area of crops/forege planting/harvesting in year _____
8. Number of Cattle and Carabaoes produced by AI _____
9. Number/price of Cattle and Carabaoes bought/sold in 5years.
(price of each head)

	Cattle		
	Bought(hds):	(pesos)	(pesos) (pesos)
	Sold (hds):	(pesos)	
	Carabaoes		
	Bought(hds):	(pesos)	(pesos) (pesos)
	Sold (hds):	(pesos)	(pesos) (pesos)

* if AI ollspring, please circle

* if you have more please write at the back

.....

Interviewer: Name _____
 Position _____
 Office _____

The Project Questionnaire to Beneficiaries

0. Do you think the project has succeeded to increased your income or improved your skill of large animal rasing?

IMPACT

This section is concerned with the impact of the Project, i. e. the effects of the Project; direct or indirect, positive or negative. Kindly answer or write down your comments.

- 1-1. Do you think the Project has contributed to the increase of your income and improvement of the practical skills in rasing large Animals?

- 1-2. Were there any impacts from the project in your farming and also your communitiy?

- 1-3. Have there been any "Nagative Impact" from the projcet on your farming or community?

- 1-4. Any other comment:

EFFECTIVENESS

This section is concerned with the impact of the Project, i.e. the extent wherby the objectives of the Project are successful.
Kindly answer or write down your comments.

2-1. Have you observe actual improvement of your stock and also have you sold them higher price than "Native" ?
If "Yes", please indicate what was the actual sign of improvement and the selling price of your stock as compaved with "native" stock price in that time.

2-2. What is the advantage of AI to your farming as compared with natural breeding?

2-3. If in case you discourage AI or the project, please state the reasons.

2-4. Any other comment: _____

RELEVANCE

This section is concerned with the relevance of the Projcet, i.e. whether the objectves of the Project are pertinent and worthwhile. Kindly answer or write down your comments.

3-1. How would you rate the service of AI technician to you over the past 5 years ?

3-2. Are the services of AI technician still relevant to the current technical needs of your farming ?

3-3. Is there any other extension services which you would like to avail through the project ?

3-4. Have there been major changes in the development of your large animal rasing ?

3-5. Any other comment:

(Thank you for your coperation !)

1) 農家対象のアンケート調査結果A

	調査農家の主要収入	家族人員数	所有土地面積
第3地域 n : 50	<p>(人) 農業 漁業 雇用 自営</p>	<p>(人) 3地域平均 第3地域</p>	<p>(ha) 3地域平均 第3地域</p>
第7地域 n : 43	<p>(人) 農業 漁業 雇用 自営</p>	<p>(人) 3地域平均 第7地域</p>	<p>(ha) 3地域平均 第7地域</p>
第10地域 n : 91	<p>(人) 農業 漁業 雇用 自営</p>	<p>(人) 3地域平均 第10地域</p>	<p>(ha) 3地域平均 第10地域</p>
合計	<p>(人) 農業 漁業 雇用 自営</p>	<p>(人) 3地域平均 第3地域 第7地域 第10地域</p>	<p>(ha) 3地域平均 第3地域 第7地域 第10地域</p>

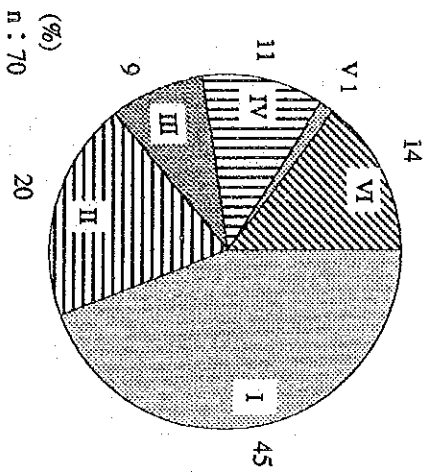
2) 地域毎及び3地域全体の個別農家対象のアンケート調査結果評価B

	1-1	1-2	1-3	2-1	3-2	3-4
質問	プロジェクトがあなたの収入及び、牛、水牛の飼養技術向上に貢献したか？	プロジェクトはあなたの畜産業及び地域にインパクトを与えたか？	プロジェクトはあなたの畜産業及び地域にマイナスのインパクトを与えたか？	実質的にあなたの家畜は改良されたか、また在来種より高く売れたか？	人工受精師はあなたの現在の必要技術に対し答えているか？	プロジェクトによりあなたの家畜飼養技術は大きく改良されたか？
第3地域 (%) n:50	N/A 12 YES 88	N/A 18 YES 76 NO 6	N/A 20 YES 8 NO 72	N/A 14 YES 86	N/A 14 YES 86	N/A 12 NO 2 YES 86
第7地域 (%) n:43	N/A 5 YES 95	N/A 5 YES 95	N/A 5 YES 5 NO 90	N/A 17 NO 2 YES 81	N/A 2 YES 98	YES 14 N/A 46 NO 46
第10地域 (%) n:86	NO 1 NA 1 YES 98	N/A 3 YES 97	N/A 9 YES 13 NO 78	N/A 8 NO 2 YES 90	N/A 2 YES 98	N/A 9 YES 91
全体 (%) n:179	N/A 6 NO 1 YES 94	N/A 7 NO 2 YES 91	N/A 11 YES 10 NO 79	N/A 11 NO 2 YES 87	N/A 6 YES 94	N/A 17 NO 13 YES 71

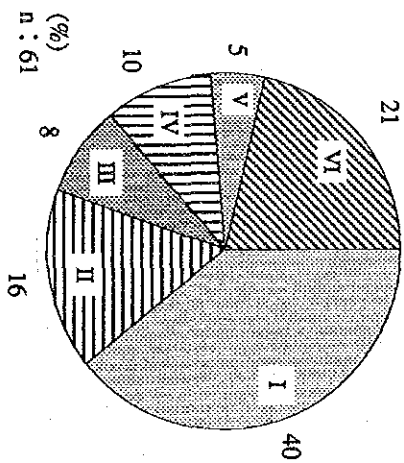
3) 農家対象のアンケート調査結果C

人工授精のインパクト

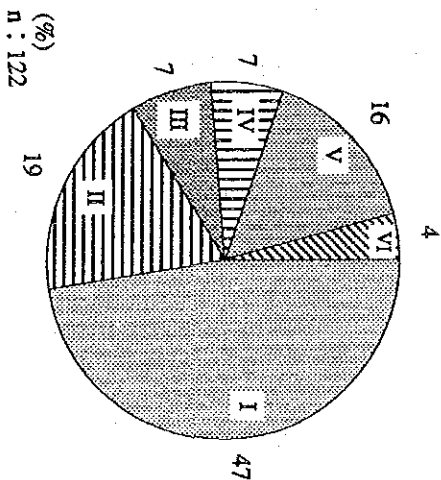
第3地域



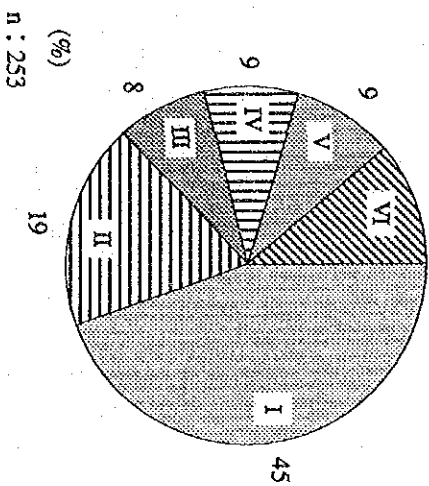
第7地域



第10地域



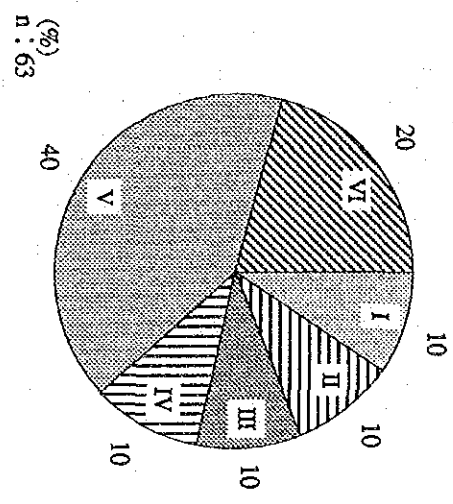
3地域合計



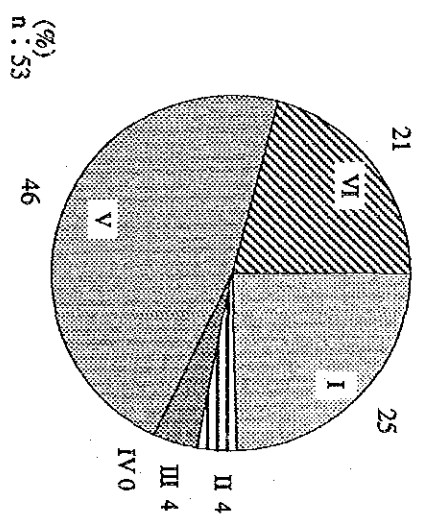
在来種、他の牛よりも
 I. 高価である
 II. 体型がよい、体格が大きい
 III. 成長が早い
 IV. 品質がよい
 V. 長が早い
 VI. その他

4) 農家対象のアンケート調査結果D 希望普及サービス

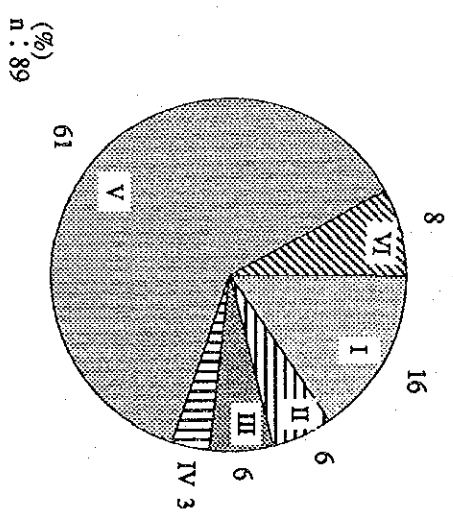
第3地域



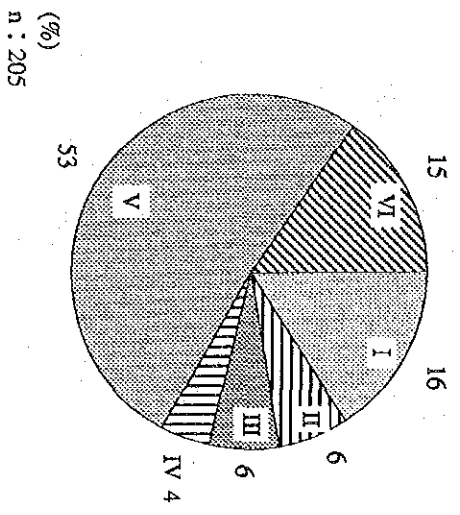
第7地域



第10地域



3地域合計



- I. 衛生一般指導
- II. 畜産一般指導
- III. 畜産繁殖指導
- IV. 畜産飼養指導
- V. 畜産飼料指導
- VI. 畜産疾病指導

COMPARISON OF THE MARKET PRICE BETWEEN AI OFFSPRING & OFFSPRING BY LOCAL BULL

1. COMPARISON OF MONTHLY INCOME

A.I. P 876 / month (average from 18 samples)

L.B. P 387 / month (average from 12 samples)

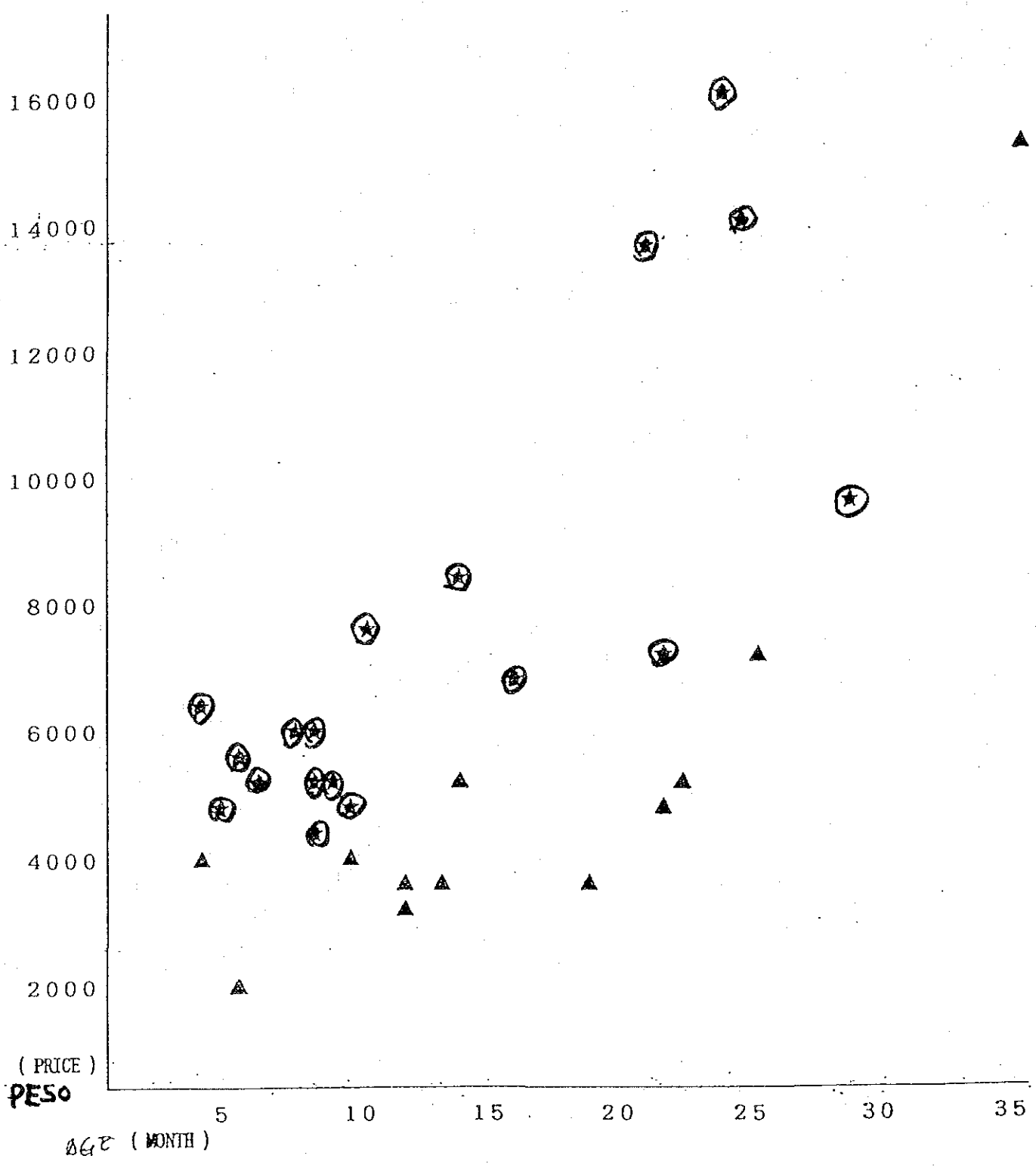
2. COMPARISON OF PRICE ON 6 MONTHS OFFSPRING

A.I. P 5,256

L.B. P 2,322

※ The DATA was collected from the field price survey in R-III, R-VII and R-X.

ACTUAL MARKET PRICE ON AI OFFSPRINGS & LB OFFSPRINGS



★ - AI OFFSPRING
▲ - LB OFFSPRING

