

## APPENDICES

Appendix A.

### AN ASSESSMENT OF QUALITY, TRUST AND USABILITY OF INDONESIAN AGRICULTURAL JOURNAL

#### A. Guidelines

1. This research is to fulfill requirement of Doctor of Philosophy degree on Library and Information Science, Faculty of Computer Science and Information Technology, University Malaya, Kuala Lumpur, Malaysia.
2. This survey is aimed to collect data of trustworthiness and usability of IAARD journals.
3. Agency for Agricultural Research and Development (IAARD) publications. The research findings enable to improve quality of IAARD publication.
4. This questionnaire is divided into 4 sections. The first section is guideline for respondents, information of respondents, usability, and trustworthiness.
5. Respondent are researchers within IAARD research institution and Researchers in universities accepted IAARD publication.
6. Respondent are requested to answer the entire question on this questionnaire honestly to prevent bias on research findings. All data are for research purposes only and will be treated confidentially.
7. Any respondent who does not read all the IAARD Publication, please answer only parts of the question related to the journal you read.
8. Please put cross mark [x] to the appropriate answers.
9. Researcher thank to all respondents for the cooperation in this research

#### B. Respondent's Information

1. Gender : Male / Female\*
2. Institution : .....
3. Level of Functional Job Title : .....
4. Field of Research : .....
5. English Mastered Language : Poor / Good / Exelent

### C. Usability of IAARD Publication

1. Which is the IAARD journals in the list below you used to read?

No.	Journal Titles	Crosscheck
1	Ind. Journal of Agricultural Science	
2	Jurnal Penelitian dan Pengembangan Pertanian	
3	Jurnal Tanah dan Iklim	
4	Jurnal Agro Ekonomi	
5	Jurnal Penelitian Pertanian Tanaman Pangan	
6	Jurnal Hortikultura	
7	Jurnal Peneltian dan Pengembangan Tanman Industri	
8	Jurnal Ilmu ternak dan veteriner	
9	Jurnal Enjiniring Pertanian	

2. How long do you get these journals after it was published?

No	Journal Titles	Score			
		1	2	3	4
1	Ind. Journal of Agricultural Science				
2	Jurnal Penelitian dan Pengembangan Pertanian				
3	Jurnal Tanah dan Iklim				
4	Jurnal Agro Ekonomi				
5	Jurnal Penelitian Pertanian Tanaman Pangan				
6	Jurnal Hortikultura				
7	Jurnal Peneltian dan Pengembangan Tanman Industri				
8	Jurnal Ilmu ternak dan veteriner				
9	Jurnal Enjiniring Pertanian				

Note: 1. One month; 2. Two month; 3. Three month; 4. > Three month

3. How many articles of these journals do you read?

No	Journal Titles	Score		
		1	2	3
1	Ind. Journal of Agricultural Science			
2	Jurnal Penelitian dan Pengembangan Pertanian			
3	Jurnal Tanah dan Iklim			
4	Jurnal Agro Ekonomi			
5	Jurnal Penelitian Pertanian Tanaman Pangan			
6	Jurnal Hortikultura			
7	Jurnal Peneltian dan Pengembangan Tanman Industri			
8	Jurnal Ilmu ternak dan veteriner			
9	Jurnal Enjiniring Pertanian			

Note: 1. 100-75 percent; 2. 74-50 percent; 3. Less than 50 percent

4. How do you read the articles of these journals?

No	Journal Titles	Score		
		1	2	3
1	Ind. Journal of Agricultural Science			
2	Jurnal Penelitian dan Pengembangan Pertanian			
3	Jurnal Tanah dan Iklim			
4	Jurnal Agro Ekonomi			
5	Jurnal Penelitian Pertanian Tanaman Pangan			
6	Jurnal Hortikultura			
7	Jurnal Penelitian dan Pengembangan Tanaman Industri			
8	Jurnal Ilmu ternak dan veteriner			
9	Jurnal Enjiniring Pertanian			

Note; 1. All articles; 2. Only interesting articles; 3. Only articles support my Research

5. What is the purposed you reading this/these journal/s?

No	Journal Titles	Score		
		1	2	3
1	Ind. Journal of Agricultural Science			
2	Jurnal Penelitian dan Pengembangan Pertanian			
3	Jurnal Tanah dan Iklim			
4	Jurnal Agro Ekonomi			
5	Jurnal Penelitian Pertanian Tanaman Pangan			
6	Jurnal Hortikultura			
7	Jurnal Penelitian dan Pengembangan Tanaman Industri			
8	Jurnal Ilmu ternak dan veteriner			
9	Jurnal Enjiniring Pertanian			

Note; 1. Expand my knowledge; 2. Support my research; 3. Others, mentioned it

.....  
 .....

#### D. Trustof IAARD journals

6. Do you think that these journals are impartial preview?

No	Journal Titles	Score		
		1	2	3
1	Ind. Journal of Agricultural Science			
2	Jurnal Penelitian dan Pengembangan Pertanian			
3	Jurnal Tanah dan Iklim			
4	Jurnal Agro Ekonomi			
5	Jurnal Penelitian Pertanian Tanaman Pangan			
6	Jurnal Hortikultura			
7	Jurnal Penelitian dan Pengembangan Tanaman Industri			
8	Jurnal Ilmu ternak dan veteriner			
9	Jurnal Enjiniring Pertanian			

Note: 1. Yes; 2. No ; 3. I do not know

7. How many percent of the authors of these journals do you recognize?

No.	Journal Titles	Score			
		1	2	3	4
1	Ind. Journal of Agricultural Science				
2	Ind. Agric. Res and Dev Journal				
3	Ind. Journal of Agric. Science				
4	Ind. Journal for Agricultural Engineering				
5	Ind. Journal for agricultural Climate				
6	Ind. journal for Agroeconomic Science				
7	Ind. journal for food crops				
8	Ind. journal for Horticultural Science				
9	Ind. Journal for Estate Crops				
10	Ind. journal for Animal Husbandry				
11	Indonesian journal for				

Note: 1. None; 2. >25 percent; 3. >50 percent; 4. >75 percent

8. Are you confident of the information provided by these journals?

No	Journal Titles	Score		
		1	2	3
1	Ind. Journal of Agricultural Science			
2	Jurnal Penelitian dan Pengembangan Pertanian			
3	Jurnal Tanah dan Iklim			
4	Jurnal Agro Ekonomi			
5	Jurnal Penelitian Pertanian Tanaman Pangan			
6	Jurnal Hortikultura			
7	Jurnal Penelitian dan Pengembangan Tanaman Industri			
8	Jurnal Ilmu ternak dan veteriner			
9	Jurnal Enjiniring Pertanian			

Note: 1. All; 2. Some; 3. None

9. Please score the accuracy of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

10. Please score the correctness of these journals content!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

11. Please score the information objectivity of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

12. Please score the clarity of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

13. Please score the conciseness of these journals?

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

14. Please score the easy to understand of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

15. Please score the clarity of measurement unit of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

16. Please score the current information level of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

17. Please score the relevance of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

18. Please score that the journal's content include all necessary value?

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

19. Please score that the journal provided comprehensive information!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

20. Please score that the journal provide sufficient information!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

21. Please score the information breadth and depth of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent



22. Please score reliability levels of these journals!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

23. In general, please score the satisfaction level of the trust!

No.	Journal Titles	Score				
		1	2	3	4	5
1	Ind. Journal of Agricultural Science					
2	Jurnal Penelitian dan Pengembangan Pertanian					
3	Jurnal Tanah dan Iklim					
4	Jurnal Agro Ekonomi					
5	Jurnal Penelitian Pertanian Tanaman Pangan					
6	Jurnal Hortikultura					
7	Jurnal Penelitian dan Pengembangan Tanaman Industri					
8	Jurnal Ilmu ternak dan Veteriner					
9	Jurnal Enjiniring Pertanian					

Note: 1. Very Poor, 2. Bad, 3. Fair, 4. Good, 5. Excellent

## Appendix B.

### **AGRIS/CARIS SUBJECT CATEGORIES**

In this Categorization Scheme, agriculture includes fisheries, forestry, food, nutrition and rural sociology. It comprises the production of plants and animals useful to man and the preparation and distribution of these products for man's use.

#### **A. AGRICULTURE IN GENERAL**

A01 Agriculture - General aspects

A50 Agricultural research

#### **B. GEOGRAPHY AND HISTORY**

B10 Geography

B50 History

#### **C. EDUCATION, EXTENSION AND INFORMATION**

C10 Education

C20 Extension

C30 Documentation and information

#### **D. ADMINISTRATION AND LEGISLATION**

D10 Public administration

D50 Legislation

#### **E. ECONOMICS, DEVELOPMENT AND RURAL SOCIOLOGY**

E10 Agricultural economics and policies

E11 Land economics and policies

E12 Labour and employment

E13 Investment, finance and credit

E14 Development economics and policies

E16 Production economics

E20 Organization, administration and management of agricultural enterprises or farms

E21 Agro-industry

E40 Cooperatives

E50 Rural sociology and social security

E51 Rural population

E70 Trade, marketing and distribution

E71 International trade

E72 Domestic trade

E73 Consumer economics

E80 Home economics, industries and crafts

E90 Agrarian structure

#### **F. PLANT SCIENCE AND PRODUCTION**

F01 Crop husbandry

F02 Plant propagation

F03 Seed production and processing

F04 Fertilizing

F06 Irrigation

F07 Soil cultivation

F08 Cropping patterns and systems

F30 Plant genetics and breeding

F40 Plant ecology

F50 Plant structure

F60 Plant physiology and biochemistry

- F61 Plant physiology - Nutrition
- F62 Plant physiology - Growth and development
- F63 Plant physiology - Reproduction
- F70 Plant taxonomy and geography

#### **H. PLANT PROTECTION**

- H01 Protection of plants - General aspects
- H10 Pests of plants
- H20 Plant diseases
- H50 Miscellaneous plant disorders
- H60 Weeds and weed control

#### **J. POSTHARVEST TECHNOLOGY**

- J10 Handling, transport, storage and protection of agricultural products
- J11 Handling, transport, storage and protection of plant products
- J12 Handling, transport, storage and protection of forest products
- J13 Handling, transport, storage and protection of animal products
- J14 Handling, transport, storage and protection of fisheries and aquacultural products
- J15 Handling, transport, storage and protection of non-food or non-feed agricultural products

#### **K. FORESTRY PRODUCTION**

- K01 Forestry - General aspects
- K10 Forestry production
- K11 Forest engineering
- K50 Processing of forest products
- K70 Forest injuries and protection

#### **L. ANIMAL SCIENCE, PRODUCTION AND PROTECTION**

- L01 Animal husbandry
- L02 Animal feeding
- L10 Animal genetics and breeding
- L20 Animal ecology
- L40 Animal structure
- L50 Animal physiology and biochemistry
- L51 Animal physiology - Nutrition
- L52 Animal Physiology - Growth and development
- L53 Animal physiology - Reproduction
- L60 Animal taxonomy and geography
- L70 Veterinary science and hygiene - General aspects
- L72 Pests of animals
- L73 Animal diseases
- L74 Miscellaneous animal disorders

#### **M. FISHERIES AND AQUACULTURE**

- M01 Fisheries and aquaculture - General aspects
- M11 Fisheries production
- M12 Aquaculture production
- M40 Aquatic ecology

#### **N. AGRICULTURAL MACHINERY AND ENGINEERING**

- N01 Agricultural engineering
- N02 Farm layout
- N10 Agricultural structures
- N20 Agricultural machinery and equipment

## **P. NATURAL RESOURCES AND ENVIRONMENT**

- P01 Nature conservation and land resources
- P05 Energy resources management
- P06 Renewable energy resources
- Non-renewable energy resources
- P10 Water resources and management
- P11 Drainage
- P30 Soil science and management
- P31 Soil surveys and mapping
- P32 Soil classification and genesis
- P33 Soil chemistry and physics
- P34 Soil biology
- P35 Soil fertility
- P36 Soil erosion, conservation and reclamation
- P40 Meteorology and climatology

## **Q. PROCESSING OF AGRICULTURAL PRODUCTS**

- Q01 Food science and technology
- Q02 Food processing and preservation
- Q03 Food contamination
- Q04 Food composition
- Q05 Food additives
- Q51 Feed technology
- Q52 Feed processing and preservation
- Q53 Feed contamination and toxicology
- Q54 Feed composition
- Q55 Feed additives
- Q60 Processing of non-food or non-feed agricultural products
- Q70 Processing of agricultural wastes
- Q80 Packaging

## **S. HUMAN NUTRITION**

- S01 Human nutrition - General aspects
- S20 Physiology of human nutrition
- S30 Diet and diet-related diseases
- S40 Nutrition programmes

## **T. POLLUTION**

- T01 Pollution
- T10 Occupational diseases and hazards

## **U. METHODOLOGY**

- U10 Mathematical and statistical methods
- U30 Research methods
- U40 Surveying methods

*Source: Prince-Perciballi. 1998b.*

Appendix C.

**NUMBER OF AUTHOR PER ARTICLES OF IAARD JOURNALS (1995-2010)**

NO. AUTHOR PER ARTICLES	IAARD'S JOURNALS									IAARD	
	TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	ARTICLES	PERCENTAGE
1	6	18	14	27	24	13	26	7	7	142	21,07
2	22	20	15	14	22	19	24	11	19	166	24,63
3	18	29	13	15	29	19	8	30	20	181	26,85
4	20	29	13	3	11	6	10	21	11	124	18,40
5	14	3	7		5	3		5	2	39	5,79
6	4	3	3			3		3	2	18	2,67
7		1								1	0,15
8				1						1	0,15
9			2							2	0,30
Total	84	103	67	60	91	63	68	77	61	674	100

## Appendix D.

**GEOGRAPHIC DISTRIBUTION OF IAARD JOURNAL AUTHORS (1995-2010)**

NO.	AFFILIATION										IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
1	AUSTRALIA	1		6	6						13	0.71
2	ASIA	272	118	199	281	224	168	237	132	166	1797	97.5
2.1	India				3						3	0.16
2.2	Indonesia	264	118	193	224	224	168	227	128	160	1706	92.57
2.3	Japan	1		4	11			6	2	2	26	1.41
2.4	Malaysia	2			29					4	35	1.9
2.5	Pakistan				2						2	0.11
2.6	Philippines	3		1	12						16	0.87
2.7	Sri Lanka			1							1	0.05
2.8	Thailand	2						4			6	0.33
2.9	Bangladesh								2		2	0.11
3	EUROPE	1			14	2	3	1	1		22	1.19
3.1	United Kingdom				0	0	3				3	0.16
3.2	Netherlands				12	2			1		15	0.81
3.3	Belgium	1			2						3	0.16
3.4	Germany							1			1	0.05
4	US OF AMERICA			1	3				2		6	0.33
5	AFRICA		1								1	0.05
5.1.	Kenya		1								1	0.05
6	NA							4			4	0.22
	Total	274	119	206	304	226	171	242	135	166	1843	100

## Appendix E.

**CONTRIBUTION OF AFFILIATION BODIES ON IAARD JOURNALS  
AUTHORS (1995-2010)**

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
1	Institute Pertanian Bogor	82	2	29	23	4	20	25	16	8	209	11.34
2	Balai Besar Sumber Daya Lahan Pertanian	130	23		27					4	184	9.98
3	Balai Besar Mekanisasi Pertanian				9			113			122	6.62
4	Balai Penelitian Tanaman Rempah dan obat		13		14	1	76	6			110	5.97
5	Baalai Penelitian Peternakan		1	92	7						100	5.43
6	Pusat Penelitian Sosial Ekonomi Pertanian dan Kebijakan		9		4				82		95	5.15
7	Balai Penelitian Tanaman Sayur				4	74		1			79	4.29
8	Balai Penelitian Tanaman Hias				12	58					70	3.80
9	Balai Besar Padi		4		17			7	1	34	63	3.42
10	Balai Penelitian Tembakau dan Tamanan Serat						46	5			51	2.77
11	Balai Besar Veriner		9	29	5						43	2.33
12	Balai Besar Genetik dan Plasma Nuftah	1	2		15		1			23	42	2.28
13	Balai Penelitian Tanah	33	1		5					2	41	2.22
14	Balai Penelitian Jagung dan Serealia Lainnya		5		11			6		18	40	2.17
15	Balai Penelitian Tanaman Buah				10	29					39	2.12
16	Balai Besar Pasca Panen Pertanian		5		10	3	3	13			34	1.84
17	Universiti Putra Malaysia	2			28					4	34	1.84

Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
18	Balai Penelitian Kacang-Kacangan dan Umbi		3		3			2		24	32	1.74
19	Pusat Penelitian dan Pengembangan Tanaman Pangan		7		5				1	19	32	1.74
20	Universitas Gadjah Mada			3				7	4	4	18	0.98
21	University of the Phillipines at Los Banos	3		1	12						16	0.87
22	Balai Penelitian dan Pengkajian Jawa Tengah	2		1		9			1		13	0.71
23	Universitas Andalas			6				7			13	0.71
24	Kementerian Perikanan Dan Kelautan		6		6						12	0.65
25	Pusat Penelitian dan Pengembangan Perkebunan		4				7	1			12	0.65
26	Balai Penelitian Tanaman Karet, Bogor							11			11	0.60
27	Balai Besar Pengkajian dan Pengembangan Teknologi Pertanian	2	4						3	2	11	0.60
28	Balai Penelitian Lingkungan Petanian				1					9	10	0.54
29	Lembaga Ilmu Pengetahuan Indonesial			4	4		2				10	0.54
30	Universitas padjajaran			6				3			9	0.49
31	Wageningen University, Netherlands				8				1		9	0.49
32	Pusat Penelitian dan Pengembangan Hortikultura					8					8	0.43
33	Badan Tenaga Atom Nasional	1			5						6	0.33
34	Balai Pengkajian Teknologi Pertanian Jawa Barat	1		1		4					6	0.33
35	Balai Pengkajian Teknologi Pertanian Sulawesi Selatan		5						1		6	0.33
36	Kementeerian Perikanan Dan Kelautan				1	5					6	0.33



## Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
37	Universitas Brawijaya						3		3		6	0.33
38	Universitas Bengkulu								6		6	0.33
39	Balai Penelitian Kelapa						5				5	0.27
40	Badan Pengkajian dan Penerapan Teknologi	1			2			2			5	0.27
41	Instalasi Penelitian dan Pengembangan Teknologi Pertanian			4				1			5	0.27
42	Instalasi Penelitian dan Pengembangan Teknologi Pertanian Berastagi					5					5	0.27
43	Pusat Penelitian Kopi Dan Kakao							5			5	0.27
44	Asian Institute of Technology							4			4	0.22
45	Applied Plant Research, The Netherlands				3	1					4	0.22
46	Balai Pengkajian Teknologi Pertanian Sulawesi Utara		4								4	0.22
47	Hokaido University			1	2			1			4	0.22
48	Instalasi Penelitian dan Pengembangan Teknologi Pertanian Tlekung					4					4	0.22
49	International Rice Research Institute	1			1				2		4	0.22
50	Loka Pengkajian Teknologi Pertanian Tanaman Pangan Jakenan						1	1		2	4	0.22
51	NA							4			4	0.22
52	Pt Perkebunan Nusantara Xi (Persero), Surabaya , Indonesia				4						4	0.22
53	Pusat Penelitian dan Pengembangan Peternakan			4							4	0.22
54	Universitas Negeri Papua									4	4	0.22
55	All India Co-Ordinated Sorghum Improvement Project				3						3	0.16

Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
56	Balai Pengkajian Teknologi Pertanian DIY				3						3	0.16
57	Loka Penelitian Teknologi Pertanian Koya Barat		3								3	0.16
58	Loka Penelitian Teknologi Pertanian Natar		3								3	0.16
59	Obihiro University, Japan			3							3	0.16
60	Perkebunan Nusantara				3						3	0.16
61	Pt Mitratani 27									3	3	0.16
62	Pt. Bina Rukun Jaya					3					3	0.16
63	Saga University, Japan				2					1	3	0.16
64	Tokyo University Of Agriculture (Tua), Japan							3			3	0.16
65	Universitas Hasanuddin				3						3	0.16
66	Universitas Jember				1			1	1		3	0.16
67	University Of Tsukuba, Japan	1			2						3	0.16
68	Al-Azhar, Medan, Indonesia					2					2	0.11
69	Badan Koordinasi Survei dan Pemetaan Nasional	2									2	0.11
70	Balittra							1		1	2	0.11
71	Balai Pengkajian Teknologi Pertanian Jawa Timur					1	1				2	0.11
72	Balai Pengkajian Teknologi Pertanian Kaisimantan Selatan			2							2	0.11
73	Balai Pengkajian Teknologi Pertanian Nusa Tenggara Barat						1		1		2	0.11
74	Balai Pengkajian Teknologi Pertanian Sutlawesi Tengah				1	1					2	0.11

## Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
75	Central Science Laboratory						2				2	0.11
76	Charoen Pokphand Indonesia, Indonesia			1	1						2	0.11
77	CSIRO			2							2	0.11
78	Ghent University, Belgium				2						2	0.11
79	IFPRI							2			2	0.11
80	Instiper, Yogyakarta, Indonesia						2				2	0.11
81	International Board For Soil Research And Management, Bangkok, Thailand	2									2	0.11
82	IP2TP Jeneponto		1			1					2	0.11
83	Institute Teknologi Bandung			1				1			2	0.11
84	Japan International Research Center For Agricultural Sciences, Ibaraki, Japan				2						2	0.11
85	Kyoto University, Japan							2			2	0.11
86	Melbourne University, Australia				2						2	0.11
87	Monash University, Australia			2							2	0.11
88	Okayama University, Okayama, Japan				2						2	0.11
89	Plant Research International Wageningen, The Netherlands				1	1					2	0.11
90	Royal Perth Hospital, Western Australia			2							2	0.11
91	Universitas Lampung			1				1			2	0.11
92	United International University, Bangladesh								2		2	0.11
93	Universitas Juanda	1							1		2	0.11

Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
94	Universitas Lambung Mangkurat							2			2	0.11
95	Universitas Pattimura Ambon			2							2	0.11
96	Universitas Udayana, Denpasar-Bali			1		1					2	0.11
97	University Of Agriculture, Faisalabad, Pakistan				2						2	0.11
98	University of New South Wales				2						2	0.11
99	Universitas Djenderal soedirman									2	2	0.11
100	Universitas Syiah Kuala			2							2	0.11
101	Badan Ketahanan Pangan	1									1	0.05
102	Badan Penelitian dan Pengembangan Pertanian					1					1	0.05
103	Balai Penelitian Agroklimat				1						1	0.05
104	Balai Penelitian Sereal						1				1	0.05
105	Bio Industri Nusantara				1						1	0.05
106	BPPMP	1									1	0.05
107	Balai Pengkajian Teknologi Pertanian Gorontalo								1		1	0.05
108	Balai Pengkajian Teknologi Pertanian Kalteng	1									1	0.05
109	Balai Pengkajian Teknologi Pertanian Kaltim					1					1	0.05
110	Balai Pengkajian Teknologi Pertanian Lampung							1			1	0.05
111	Balai Pengkajian Teknologi Pertanian Maluku								1		1	0.05
112	Balai Pengkajian Teknologi Pertanian Riau					1					1	0.05
113	Departemen Perdagangan								1		1	0.05

## Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
114	Department Of Crop And Disease Management						1				1	0.05
115	Department Of Primary Industries Australia				1						1	0.05
116	Departemen Pertanian						1				1	0.05
117	Dinas Pertanian Tanaman Pangan Kabupaten Pasaman, Sumatera Barat, Indonesia					1					1	0.05
118	Directorate General Of Plantation, Ministry Of Agriculture, Jakarta, Indonesia		1								1	0.05
119	Direktorat Budidaya Tanaman Buah, Jakarta, Indonesia					1					1	0.05
120	Dirjen Sumberdaya Lahan Dan Air, Departemen Pertanian.	1									1	0.05
121	Industrial Technology Institute, Colombo, Sri Lanka			1							1	0.05
122	IP2TP Makasar		1								1	0.05
123	ITS Surabaya.	1									1	0.05
124	JICA									1	1	0.05
125	Kp Penelitian Tanaman Hias Segunung					1					1	0.05
126	Kp Pasar Minggu Balai Penelitian Tanaman Hias					1					1	0.05
127	Kyushu University Japan				1						1	0.05
128	LPRI								1		1	0.05
129	LPTP Sapi, Grati			1							1	0.05
130	MARDI				1						1	0.05
131	Miyagi University, Jepang								1		1	0.05
132	Opticon				1						1	0.05

Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
133	Pemda Kota Depok.	1									1	0.05
134	PT Bio Industri Nusantara, Bandung, Indonesia				1						1	0.05
135	PT Perkebunan Nusantara Iv, Medan, Indonesia				1						1	0.05
136	PT Perkebunan Nusantara V, Pekanbaru, Indonesia				1						1	0.05
137	Pustaka		1								1	0.05
138	Queen Univ				1						1	0.05
139	SPP/SPMA Negeri Banjarbaru, Kalimantan Selatan								1		1	0.05
140	Tohoku University, Jepang								1		1	0.05
141	Uika, Bogor, Indonesia							1			1	0.05
142	Unes			1							1	0.05
143	Unit Penelitian Bioteknologi Perkebunan		1								1	0.05
144	Univ Neg Gorontalo							1			1	0.05
145	Univ Of Wisconsin, USA			1							1	0.05
146	Univ Pancasila			1							1	0.05
147	Univ Papua			1							1	0.05
148	Univ. Clemson University, USA				1						1	0.05
149	Univ. Gent Belgium	1									1	0.05
150	Univ. Mataram	1									1	0.05
151	Univ. Western Australia	1									1	0.05
152	Universitas M Muhammasd Yamin					1					1	0.05

Appendix E continued .

NO.	AFFILIATION	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENT AGE
153	Universitas Medan Area, Medan 20223					1					1	0.05
154	Universitas Muhammadiyah, Medan, Indonesia					1					1	0.05
155	Universitas Tadulako, Palu					1					1	0.05
156	University Of Al Azhar Indonesia, Jakarta, Indonesia				1						1	0.05
157	University Of Hannover, Germany							1			1	0.05
158	University Of Illinois At Urbana-Champaign, Usa				1						1	0.05
159	Unpas									1	1	0.05
160	USDA				1						1	0.05
161	World Agroforestry Centre (ICRAF)		1								1	0.05
		274	119	206	304	226	171	242	135	166	1843	100.00

Apendix F.

**AUTHOR CONTRIBUTION ON IAARDJOURNALS WITH THREE ARTICLES AND ABOVE (1995-2010)**

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
1	Prasetyo, B.H.	7	1	2	5						15	0.81
2	Hikmatullah	5	2		3						10	0.54
3	Kasno, A.	8								1	9	0.49
4	Sabiham, S	9									9	0.49
5	Thahir , R				3			6			9	0.49
6	Triwahyudi, S							9			9	0.49
7	Adiningsih, J. S	5			2					1	8	0.43
8	Gultom, R. Y.							8			8	0.43
9	Paramawati, R				2			6			8	0.43
10	Sinurat, A. P.			7	1						8	0.43
11	Subagyo H	3	2		3						8	0.43
12	Sukarman	5	2		1						8	0.43
13	Widodo, P				2			6			8	0.43
14	Hasyim, A				1	6					7	0.38
15	Hilman, Y				3	4					7	0.38
16	Las, I	5	1							1	7	0.38
17	Setyanto, P	1			3					3	7	0.38
18	Sudarsono	6					1				7	0.38
19	Sumiati, E					7					7	0.38



Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
20	Harsono							6			6	0.33
21	Hutabarat, B.								6		6	0.33
22	Inounu, I			6							6	0.33
23	Prabowo, A							5		1	6	0.33
24	Purwadaria, T.			6							6	0.33
25	Suharta, N.	3	1		2						6	0.33
26	Sumarni, N					6					6	0.33
27	Supriadi		1		2	1	2				6	0.33
28	Supriyati			5					1		6	0.33
29	Hamid, H			5							5	0.27
30	Hendriadi, A.							5			5	0.27
31	Kurnia, U.	5									5	0.27
32	Mardison, S							5			5	0.27
33	Rachmawati, S			1	1			3			5	0.27
34	Setiawati, W				1	4					5	0.27
35	Sitorus, R. P. S	4							1		5	0.27
36	Sudir, S				1					4	5	0.27
37	Syafa'at, N.								5		5	0.27
38	Syahid, S F						5				5	0.27
39	Widowati, S		1		2					2	5	0.27
40	Wigena, I. G. P	4							1		5	0.27

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
41	Abdurachman, A	3	1								4	0.22
42	Agus, F	1	1		2						4	0.22
43	Bermawie, N						4				4	0.22
44	Budiarto, K				3	1					4	0.22
45	Budiharti, U				2			2			4	0.22
46	Darmono		1				2	1			4	0.22
47	Djaenudin, D	1	3								4	0.22
48	Hadi, P.U							4			4	0.22
49	Handaka				2			2			4	0.22
50	Hasanah, M.		2		1		1				4	0.22
51	Hashim, A				3	1					4	0.22
52	Hidayat, A	2			1	1					4	0.22
53	Husen, E				4						4	0.22
54	Idris, K	3								1	4	0.22
55	Ilham, N							4			4	0.22
56	Irianto, G	3				1					4	0.22
57	Kompiang, I . P.			4							4	0.22
58	Laba, I, W.		2				1			1	4	0.22
59	Makarim, A. K.									4	4	0.22
60	Muis, A				4						4	0.22
61	Murtiningsih, R					4					4	0.22

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
62	Nelwan, L O							4			4	0.22
63	Nursyamsi, D.	3			1						4	0.22
64	Reyes, Sg				4						4	0.22
65	Rosliani, R					4					4	0.22
66	Sabari, S. D.					4					4	0.22
67	Santoso, D.	4									4	0.22
68	Saraswati , R.	1			1					2	4	0.22
69	Siregar, H	1							3		4	0.22
70	Sjaifullah					3		1			4	0.22
71	Somantri, A.S.						1	3			4	0.22
72	Subagyono, K	3			1						4	0.22
73	Subhan					4					4	0.22
74	Suganda, H	4									4	0.22
75	Sukristiyonubow0	3			1						4	0.22
76	Sulaeman	4									4	0.22
77	Sulistiadji, K							4			4	0.22
78	Sulyo, Y				3	1					4	0.22
79	Sumaryanto				1				3		4	0.22
80	Suparlan							4			4	0.22
81	Suprihanto				1					3	4	0.22
82	Suwarno.				3					1	4	0.22

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
83	Wahyuni, S				1		2			1	4	0.22
84	Wiyono, J							4			4	0.22
85	Yusdjar, Y								4		4	0.22
86	Adiyoga, W					3					3	0.16
87	Affandi				3						3	0.16
88	Ananto, E. E.							2		1	3	0.16
89	Asandhi , A A					3					3	0.16
90	Bahri, S.		3								3	0.16
91	Baliadi, Y		2		1						3	0.16
92	Broto, W		1			2					3	0.16
93	Daradjat, A. A.									3	3	0.16
94	Dariah, A	2	1								3	0.16
95	Darminto		2	1							3	0.16
96	Darwati, I						3				3	0.16
97	Djajakirana, G	3									3	0.16
98	Dwiningsih, S	3									3	0.16
99	Estuningsih, S. E.			3							3	0.16
100	Gunadi, N					3					3	0.16
101	Hairmansis, A				3						3	0.16
102	Hardiyanto				1	2					3	0.16
103	Hardjowigeno, S	3									3	0.16

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
104	Harjono							3			3	0.16
105	Harmanto							3			3	0.16
106	Haryono	2						1			3	0.16
107	June, T	2	1								3	0.16
108	Kartiwa, B	3									3	0.16
109	Kristina, N. N						3				3	0.16
110	Lie, T. A.				3						3	0.16
111	Maaswinkel, R H M				3						3	0.16
112	Mannetje, L T				3						3	0.16
113	Mariska, I				1		1			1	3	0.16
114	Marwoto		2							1	3	0.16
115	Mathius, I. W.			3							3	0.16
116	Muchtadi, D				3						3	0.16
117	Mulyantara, L. T.							3			3	0.16
118	Muryati				1	2					3	0.16
119	Muslich, M M				2				1		3	0.16
120	Nasrullah	2								1	3	0.16
121	Nurida, N. L.	3									3	0.16
122	Partohardjono, S.									3	3	0.16
123	Pawitan, H.	3									3	0.16
124	Prabawati, S					3					3	0.16

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
125	Purnomo, J	2								1	3	0.16
126	Purwantari, N.D				3						3	0.16
127	Purwoko, B. S.				1		2				3	0.16
128	Rahardjo, M						3				3	0.16
129	Rahim, Aa				3						3	0.16
130	Rauf, A.		1				1			1	3	0.16
131	Rosita, Smd		1				2				3	0.16
132	Rosmeika							3			3	0.16
133	Salokhe, V. M.							3			3	0.16
134	Santosa							3			3	0.16
135	Santoso, B			1			2				3	0.16
136	Santoso, P. J				2	1					3	0.16
137	Sayaka, B								3		3	0.16
138	Simatupang, P					1			2		3	0.16
139	Sinukaban, N	3									3	0.16
140	Soekardi, M	3									3	0.16
141	Subandriyo			3							3	0.16
142	Subiksa, I. G. M	3									3	0.16
143	Sugiarti, T			2	1						3	0.16
144	Suhardi					3					3	0.16
145	Suhardjo, H	2			1						3	0.16

Appendix F continued .

NO.	AUTHOR	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	ARTICLES	PERCENTAGE
146	Sukiyono, K								3		3	0.16
147	Surmaini, E.	3									3	0.16
148	Susanti, E	2	1								3	0.16
149	Susilowati, D N	1								2	3	0.16
150	Tambunan, A H						1	2			3	0.16
151	Thalib, A			3							3	0.16
152	Tirtosastra, S						2	1			3	0.16
153	Tjahjohutomo, R.							3			3	0.16
154	Wahyudi, At				1		2				3	0.16
155	Wahyuno, D				1		2				3	0.16
156	Waluyo, H.S.				3						3	0.16
157	Widodo, T. W.							3			3	0.16
158	Widyotomo, S							3			3	0.16
159	Wihardjaka, A									3	3	0.16
160	Zauyah, S	2			1						3	0.16

## Appendix G.

**AGRICULTURAL GROUPED COMMODITIES OF IAARD JOURNALS' ARTICLES (1995-2010)**

NO.	GROUP COMMODITIES	NO. ARTICLES									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENTAGE
1	Estate Crops	4	12	1	9	7	43	20	7	0	103	21.55
2	Fisheries	0	6	0	2	0	0	2	3	1	14	2.93
3	Horticulture	3	3	0	12	76	11	8	2	1	116	24.27
4	Animal Husbandry	0	5	51	3	0	0	0	5	0	64	13.39
5	Food Crops	17	17	0	51	3	0	29	20	44	181	37.87
	Total	24	43	52	77	86	54	59	37	46	478	100



## Appendix H.

**AGRICULTURAL COMMODITIES OF IAARD JOURNALS (1995-2010)**

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
1	Rice	11	6		20			17	13	22	89	18.62
2	Corn	3	3		7			8	4	8	33	6.90
3	Soybean	2	5		8			1	2	10	28	5.86
4	Sheep			21							21	4.39
5	Pepper	1	2		1	3	10				17	3.56
6	Cow		2	8					1		11	2.30
7	Chrysant				3	7					10	2.09
8	Chicken		1	7	1				1		10	2.09
9	Tobacco						7	1	1		9	1.88
10	Onion					9					9	1.88
11	Citrus				2	4		2			8	1.67
12	Fish		4						3	1	8	1.67
13	Chili	1				4		1	1		7	1.46
14	Potato				4	3					7	1.46
15	Oil Palm	1	1	1	2	1			1		7	1.46
16	Cashew				1		5	1			7	1.46
17	Manggo				1	4		2			7	1.46
18	Orchids					7					7	1.46

Appendix H continued .

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
19	Peanut	1			2			2		1	6	1.26
20	Ginger		1			1	2	2			6	1.26
21	Bananas					6					6	1.26
22	Tomato				1	3		2			6	1.26
23	Broiler			6							6	1.26
24	Cacao				2			2	1		5	1.05
25	Coconut		1				3		1		5	1.05
26	Cotton		1				4				5	1.05
27	Sugar Cane	1			1			1	2		5	1.05
28	Pumpkin				1	4					5	1.05
29	Sorghum		2		1				1	1	5	1.05
30	Shrimp		1		1			2			4	0.84
31	Duck			4							4	0.84
32	<i>Jatropha</i>						1	2			3	0.63
33	Medicinal Plant		3								3	0.63
34	Rubber							3			3	0.63
35	Cabbage				1	2					3	0.63
36	Jasmine					3					3	0.63
37	Passion Fruit				1	2					3	0.63
38	Cassava				2			1			3	0.63

Appendix H continued .

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
39	<i>Patchouli</i>						2				2	0.42
40	Sweet Potato									2	2	0.42
41	Cardamom						1	1			2	0.42
42	Centella						2				2	0.42
43	Clove						1	1			2	0.42
44	Coffe	2									2	0.42
45	Java Turmeric						2				2	0.42
46	Mentha						2				2	0.42
47	<i>Typonium Flageliforme Lodd</i>						2				2	0.42
48	<i>Pimpinella Pruatjan Molk</i>				1		1				2	0.42
49	Zedoary							2			2	0.42
50	Cucumber					2					2	0.42
51	Durian				1	1					2	0.42
52	Garlic					2					2	0.42
53	Papaya					2					2	0.42
54	Paprika					2					2	0.42
55	Sallaca					1		1			2	0.42
56	Shallot	1								1	2	0.42
57	Shoe Flower					2					2	0.42

Appendix H continued .

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
58	Dairy Cow			1					1		2	0.42
59	Leadtrees				2						2	0.42
60	Sago				2						2	0.42
61	Tea								1		1	0.21
62	Mungbean				1						1	0.21
63	Caladium						1				1	0.21
64	China Grass						1				1	0.21
65	Estate Crops		1								1	0.21
66	<i>Ficus Deltoidea Jack</i>						1				1	0.21
67	Galangal							1			1	0.21
68	Great Morinda		1								1	0.21
69	<i>Kaempferia Galanga</i>		1								1	0.21
70	Kapok							1			1	0.21
71	Kenaf						1				1	0.21
72	Lemon Grass					1					1	0.21
73	Musa Textilis						1				1	0.21
74	<i>Nypa Palm</i>		1								1	0.21
75	<i>Orthosiphon</i>						1				1	0.21
76	Rosela						1				1	0.21
77	Sea Grass		1								1	0.21

Appendix H continued .

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
78	<i>Sonchus Arvensis L</i>						1				1	0.21
79	Sardine				1						1	0.21
80	Tilapia		1								1	0.21
81	Aloe Vera							1			1	0.21
82	<i>Anthurium</i>					1					1	0.21
83	Asparagus					1					1	0.21
84	Ercis					1					1	0.21
85	Garden Croton					1					1	0.21
86	Ginger Flower					1					1	0.21
87	Mangosteen							1			1	0.21
88	Marantha						1				1	0.21
89	Melon					1					1	0.21
90	Mushroom				1						1	0.21
91	Peace Lilies					1					1	0.21
92	Ribbon Dracaena					1					1	0.21
93	Rose					1					1	0.21
94	Sayuran								1		1	0.21
95	Soursop					1					1	0.21
96	Spinach				1						1	0.21
97	Winged Bean		1								1	0.21

Appendix H continued .

NO.	COMMODITIES	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JEP	JAE	JTP	OCCURANCE	PERCENT AGE
98	Cattle								1		1	0.21
99	Dog			1							1	0.21
100	Horse			1							1	0.21
101	Livestock		1								1	0.21
102	Pig			1							1	0.21
103	Poultry								1		1	0.21
104	Quail			1							1	0.21
105	Ruminant		1								1	0.21
106	Green Pea		1								1	0.21
107	Macadamia				1						1	0.21
108	Rattlebox				1						1	0.21
109	Wheat				1						1	0.21
110	Canavalia Virosa				1						1	0.21
		24	43	52	77	86	54	59	37	46	478	100

## Appendix I.

**FIELD OF KNOWLEDGE OF IAARD JOURNALS BASED ON MAIN AGRIS/CARIS  
CATEGORIZATION SHCEME (1995-2010)**

NO.	FIELD OF KNOWLEDGE	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	JEP	JAE	TRI	JTP	OCCURANCE	PERCENTAGE
1	Plant Science And Production	28	13	1	37	48	2	0	34	43	206	28.93
2	Natural Resources And Environment	76	6	0	20	2	4	1	2	2	113	15.87
3	Economics, Development And Rural Sociology	2	16	2	2	4	1	64	0	0	91	12.78
4	Animal Science, Production And Protection	0	5	62	3	0	0	1	0	0	71	9.97
5	Plant Protection	0	8	0	21	26	0	10	0	7	72	10.11
6	Agricultural Machinery And Engineering	0	1	0	1	1	56	1	0	1	61	8.57
7	Processing Of Agricultural Products	0	6	1	16	7	6	1	0	2	39	5.48
8	Agriculture In General	12	0	0	0	1	0	0	12	0	25	3.51
9	Postharvest Technology	0	0	0	1	6	2	5	0	0	14	1.97

Appendix I continued.

NO.	FIELD OF KNOWLEDGE	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	JEP	JAE	TRI	JTP	OCCURANCE	PERCENTAGE
10	Fisheries And Aquaculture	0	4	0	3	0	0	0	0	0	7	0.98
11	Education, Extension And Information	0	0	0	1	1	3	0	0	0	5	0.7
12	Pollution	1			1					3	5	0.7
13	Methodology	0	0	1	0	0	0	1	0	1	3	0.42
	Total	119	59	67	106	96	74	84	48	59	712	100



## Appendix J.

**LANGUAGE OF IAARD JOURNALS (1995-2010)**

NO.	LANGUAGE	IAARD JOURNALS									IAARD	
		TAN	JPP	JTV	JAS	HOR	TRI	JAE	JEP	JTP	ARTICLES	PERCENT AGE
1	Bahasa Indonesia	75	0	57	57	91	61	56	71	54	522	77.56
2	English	9	103	10	3	0	2	12	6	7	152	22.59
	TOTAL	84	103	67	60	91	63	68	77	61	674	100

## Appendix K.

**CITED AUTORS OF IAARD JOURNALS WITH NUMBER OF 15 CITATIONS AND ABOVE(1995-2010)**

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
1	Anonymous	6	3	5	6	33	8	58	14	4	137	0.005
2	Badan Pusat Statistik	9	25	2	7	6	36	9	14	3	111	0.004
3	Adiningsih, J. S	42	3		2	1			22	10	80	0.003
4	Balai Besar Sumber Daya Lahan Pertanian	32	2					1	38	2	75	0.003
5	Soil Survey Staff	38	10					1	4		53	0.002
6	Food and Agriculture Organization	16	9	3			4	1	9	1	43	0.002
7	Subagjo, H.	15	14			1		2	8		40	0.001
8	Simatupang , P.				1		30		8		39	0.001
9	Sinurat, A. P			37					2		39	0.001
10	Widjaja Adhi, IPG	22	1		2	1		1	8	4	39	0.001
11	Agus, F	17	13		1		1		6		38	0.001
12	Prasetyo, B. H	26	10								36	0.001
13	Purwadaria, T.		2	34							36	0.001
14	Suharta, N	17	9			1			6	1	34	0.001
15	Tengkano, W				2	1			29		32	0.001
16	Sudjadi, M	18	2						6	4	30	0.001

Appendix K continued.

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
17	De Datta, S. K	7	2			1	2	1	10	6	29	0.001
18	Ananto, E. E.	1						26	1		28	0.001
19	Damardjati, D.S		7				1	4	8	8	28	0.001
20	Fagi, A.M.	3	3					4	4	13	27	0.001
21	Makarim, A. K.	1	5							21	27	0.001
22	Mariska I		2			17			6	2	27	0.001
23	Bahri, S		4	2					20		26	0.001
24	Rauf, A		14		2	1			9		26	0.001
25	Sukristiyonubowo	19	6						1		26	0.001
26	Buurman, P.	10	13						1	1	25	0.001
27	Kasno, A	11				1		1	2	10	25	0.001
28	Syers J.K.	8	16							1	25	0.001
29	Torrie, J. H.		1	21				1		2	25	0.001
30	Asandhi, A.A		1		23						24	0.001
31	International Rice Research Institute	3	7					2	5	7	24	0.001
32	Maryam, R		5	2					17		24	0.001
33	Santoso, D	14	1			1			8		24	0.001
34	Shoji, S	17	7								24	0.001
35	Steel, R.G.D.		1	23							24	0.001

Appendix K continued.

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
36	Budiarsana, I.G.M.			23							23	0.001
37	Hardjowigeno, S	12	2		3	2			3	1	23	0.001
38	Las, I	9	4				2		3	5	23	0.001
39	Supriadi	1			10	4		1	7		23	0.001
40	Neue, H. U.	1	12							9	22	0.001
41	Abdulrachman, A.	10			4				7		21	0.001
42	Djuwarso, T								20	1	21	0.001
43	Gilkes, R.J.	12	9								21	0.001
44	Kasryno, F						14	2	5		21	0.001
45	Departemen Pertanian Republik Indonesia	4			1	1	6	1	4	3	20	0.001
46	Oldeman, L. R	10	5			2			3		20	0.001
47	Subagyono, K	8	6				1		5		20	0.001
48	Thahir, R	1	1					17	1		20	0.001
49	Direktorat Jenderal Perkebunan	1		1		2	5	2	8		19	0.001
50	Erwidodo.						19				19	0.001
51	Purwadaria H.K		2			1		15	1		19	0.001
52	Rahardjo, M	1	1			15		1		1	19	0.001
53	Robert, D.W.				19						19	0.001
54	Sudaryanto, T		1		5		9	1	2	1	19	0.001

Appendix K continued.

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
55	Suparyono		4							15	19	0.001
56	Supriyati			15			1		3		19	0.001
57	Sutater, T				19						19	0.001
58	Wahid, P					9			10		19	0.001
59	Wassmann, R	3	10							6	19	0.001
60	Darma, J.			17				1			18	0.001
61	Dirjen Pertanian Tanaman Pangan	2			4		1	2	6	3	18	0.001
62	Naito, A								17	1	18	0.001
63	Widowati, S		7						5	6	18	0.001
64	Nursyamsi, D	13							1	3	17	0.001
65	Rachman, A	6	2			7			2		17	0.001
66	Sanchez, P. A	8	8			1					17	0.001
67	Santoso B.			1		5	8		3		17	0.001
68	Sawit, M. H.		1					12	4		17	0.001
69	Setyanto, P	3	3							11	17	0.001
70	Sudiarto					8			9		17	0.001
71	Ferguson, J.H.A.	8	5						3		16	0.001
72	Hamid, H.			12					2	2	16	0.001
73	Khush, G. S		14						1	1	16	0.001
74	Kompiang I.P.			16							16	0.001

Appendix K continued.

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
75	Schmidt F. H.	8	5						3		16	0.001
76	Soejitno, J		2						10	4	16	0.001
77	Sulaeman	14	1							1	16	0.001
78	Sulistiadji, K							16			16	0.001
79	van Noordwijk, M	7	2						7		16	0.001
80	Wurvaningsih, S.				16						16	0.001
81	Al-Jabri, M.	4			1	1			8	1	15	0.001
82	Badan Litbang Pertanian		2				2	2	7	2	15	0.001
83	Cassman, K.G		7			1	1			6	15	0.001
84	Eden-Green, S. J				8	5			2		15	0.001
85	Gomez, A.A.	1	2	2	3			1	1	5	15	0.001
86	Handaka							15			15	0.001
87	Kurnia, U.	12	1						1	1	15	0.001
88	Pasaribu, T.			15							15	0.001
89	Patrick Jr, W. H	5	8							2	15	0.001
90	Rostiana, O		2			6		5	2		15	0.001
91	Santosa							6	3	6	15	0.001
92	Sukarman	1	2						12		15	0.001
93	Sumarno		4			2	1	1	4	3	15	0.001
94	Suprpto	1	1				1	3	6	3	15	0.001

Appendix K continued.

NO.	CITED AUTHOR	IAARD JOURNALS/CITATIONS									IAARD	
		TAN	JAS	JTV	HOR	TRI	JAE	JEP	JPP	JTP	CITATIONS	PERCENT AGE
95	Sutrisno	3	1			1		6	3	1	15	0.001
96	Swastika, D. K. S	1	3				5	2	2	2	15	0.001
97	Syafa'at, N						12		3		15	0.001
98	Wigena I G. P	12			1				2		15	0.001
99	Winugroho, M			3					12		15	0.001

Appendix L.

**LANGUAGES OF IAARD JOURNALS' CITED ARTICLES (1995-2010)**

NO.	LANGUAGE OF CITED ARTICLES	NO. ARTICLES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP		
1	English	1072	1808	1046	584	1024	545	456	718	625	7878	66,59
2	France	16			3						19	0,16
3	Germany							1			1	0,01
4	Indonesia	510	262	299	887	489	354	427	427	261	3916	33,10
5	Netherland	2	1	2	3			5			13	0,11
6	Other				2		1				3	0,03
	Total	1600	2071	1347	1479	1513	900	889	1145	886	11830	100



Appendix M.

**KNOWLEDGE FIELDS OF CITED ARTICLES ON IAARD JOURNALS (1995-2010)**

NO.	FIELD OF KNOWLEDGE	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
1	Plant Science And Production	344	670	13	322	609	499	106	33	519	3115	25.77
2	Natural Resources And Environment	1070	447	1	154	89	30	74	9	93	1967	16.27
3	Plant Protection	10	460	9	326	548	212	7	0	108	1680	13.9
4	Economics, Development And Rural Sociology	37	51	14	218	110	63	76	932	20	1521	12.58
5	Animal Science, Production And Protection	0	80	1175	178	10	12	18	13	12	1498	12.39
6	Processing Of Agricultural Products	3	218	40	129	55	37	204	2	31	719	5.95
7	Methodology	55	88	74	20	18	11	32	95	38	431	3.57
8	Agricultural Machinery And Engineering	1	2	1	19	4	0	254	2	0	283	2.34
9	Human Nutrition	46	54	17	13	3	15	12	7	40	207	1.71
10	Postharvest Technology	0	9	1	25	68	17	58	0	2	180	1.49

Appendix M continued.

NO.	FIELD OF KNOWLEDGE	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
11	Agriculture In General	17	10	2	30	22	15	28	11	14	149	1.23
12	Education, Extension And Information	12	14	2	12	8	14	26	28	11	127	1.05
13	Pollution	46	7	5	1	2	0	3	0	39	103	0.85
14	Fisheries And Aquaculture	1	28	1	48	1	0	0	12	0	91	0.75
15	Forestry	2	0	0	5	3	0	0	0	0	10	0.08
16	Administration And Legislation	1	0	0	0	0	0	1	3	1	6	0.05
	<b>Total</b>	<b>1645</b>	<b>2138</b>	<b>1355</b>	<b>1500</b>	<b>1550</b>	<b>925</b>	<b>899</b>	<b>1147</b>	<b>928</b>	<b>12087</b>	<b>100</b>

Appendix N continued.

**PUBLICATION TYPES OF CITED ARTICLES ON IAARD JOURNALS (1995-2010)**

NO.	PUBLICATION TYPES	IAARD JOURNALS									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	NO. ARTICLES	PERCENTAGE
1	Journal	534	1102	728	367	887	390	233	280	374	4895	41.38
2	Monograph	482	450	278	344	226	249	288	553	287	3157	26.69
3	Proceeding	192	202	144	387	100	113	127	54	118	1437	12.15
4	Report	53	57	24	113	44	29	49	46	31	446	3.77
5	Seminar, workshops, and meeting paper	47	74	40	54	44	38	18	57	14	386	3.26
6	Thesis and dissertation	79	36	52	45	8	29	57	50	21	377	3.19
7	Bulletin	19	32	26	60	145	26	23	18	13	362	3.06
8	Instruction manual	105	48	24	30	23	3	34	7	11	285	2.41
9	Newsletter	22	41	16	30	18	15	24	22	6	194	1.64
10	Statistical data	13	14	11	37	11	6	14	39	3	148	1.25
11	Others	54	15	4	12	7	2	22	19	8	143	1.21
	Total	1600	2071	1347	1479	1513	900	889	1145	886	11830	100

Appendix O

**CITED JOURNALS OF IAARD JOURNALS WITH TEN AND ABOVE NUMBER OF CITATIONS (1995-2010)**

NO.	JOURNAL TITLES	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
1	Jurnal Hortikultura	1	4			146	3	1			155	3.17
2	Soil Science Society Of America Journal	86	27	0	6	2	1	2	0	5	129	2.64
3	Jurnal Ilmu Ternak dan Veteriner		3	73	8			2			86	1.76
4	crop science	2	22		3	1	15			42	85	1.74
5	Pemberitaan Penelelitian Tanah Dan Pupuk	37	2		10					8	57	1.16
6	Journal of Animal Science			45	10			1			56	1.14
7	Journal of Economic Entomology		19		3	29	3			1	55	1.12
8	Horticultural Science		3			43	4			2	52	1.06
9	Agronomy Journal	6	20		2	5	4			14	51	1.04
10	Plant Physiology	1	24			8	8	2		4	47	0.96
11	Poultry Science		7	36	4						47	0.96
12	Environmental Entomology		13		3	22	7			1	46	0.94
13	Plant Disease		18			17	5			4	44	0.90
14	Theriogenology			44							44	0.90
15	Jurnal Penelitian dan Pengembangan Pertanian	4	5		12	7	3	1	2	9	43	0.88
16	Jurnal Penelitian Pertanian Tanaman Pangan		3		15			1	2	22	43	0.88
17	Phytopathology		12		2	16	12			1	43	0.88
18	Soil Science	20	20		1					1	42	0.86
19	Plant and Soil	10	13		4	5	4			5	41	0.84

Appendix O continued.

NO.	JOURNAL TITLES	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
20	Plant Cell, Tissue and Organ Culture		20			8	12			1	41	0.84
21	Jurnal Agro Ekonomi	1	4		3	1	5		24	1	39	0.80
22	Journal of Dairy Science		1	33	1			1		1	37	0.76
23	Acta Horticulturae		15			15	2	3			35	0.72
24	Geoderma	27	5		1						33	0.67
25	Journal Of Agricultural And Food Industry		6	3	4	5	1	9		5	33	0.67
26	Theoretical and Applied Genetics		17		1	3	8			4	33	0.67
27	Euphytica	2	10		2	1	7			9	31	0.63
28	Journal of the American Society for Horticultural Science		3			19	5	3			30	0.61
29	Scientia Horticulturae		4			17	7	2			30	0.61
30	Soil Biology & Biochemistry	5	16		2	5				1	29	0.59
31	Jurnal Tanah dan Iklim	15	8		3					2	28	0.57
32	Annual Review of Entomology		4		6	15	2				27	0.55
33	Journal of Econometrics		7						20		27	0.55
34	Journal of Food Engineering		1		1			25			27	0.55
35	Journal of Food Science		8					15		3	26	0.53
36	Penyakit Hewan		3	14	9						26	0.53
37	Applied and Environmental Microbiology		14	3	2		2			4	25	0.51
38	Journal of Agricultural Science	1	7	7		5	1			3	24	0.49
39	Junal Penelitian Tanaman Industri		1		7		16				24	0.49
40	Field Crops Research	2	2			1			2	15	22	0.45
41	Nature	2	3	7	4	2	1			3	22	0.45

Appendix O continued.

NO.	JOURNAL TITLES	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
42	Veterinary Record			20	2						22	0.45
43	Australian Journal of Agricultural Research	2	7	1	1	4	1			5	21	0.43
44	Small Ruminant Research			21							21	0.43
45	Annals of Botany		7			7				6	20	0.41
46	Journal of Horticultural Sciences		3			16		1			20	0.41
47	Journal of Invertebrate Pathology		1			12	7				20	0.41
48	Journal of Soil Science	14	5					1			20	0.41
49	Plant Cell Reports		7			3	5			5	20	0.41
50	Advances in Agronomy	8	4			2	2			3	19	0.39
51	American Journal of Agricultural Economics					2			17		19	0.39
52	British Journal of Nutrition			19							19	0.39
53	Soil Science and Plant Nutrition	9	5		2					3	19	0.39
54	Plant Growth Regulation		9			2	2			5	18	0.37
55	Indonesian Journal Of Agricultural Sciene	3	6			2				6	17	0.35
56	Soil and Tillage Research	11	4					2			17	0.35
57	Agricultural Water Management	14	2								16	0.33
58	Biology and Fertility of Soils	4	5			7					16	0.33
59	Indonesian Agricultural Research And Development Journal	3	7		4	2					16	0.33
60	Research in Veterinary Science			15	1						16	0.33
61	Agriculture, Ecosystems & Environment	8				7					15	0.31
62	Animal Production			14	1						15	0.31
63	Florida Entomologist		5		1	9					15	0.31

## Appendix O continued.

NO.	JOURNAL TITLES	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
64	New Phytologist					13	1			1	15	0.31
65	Veterinary Microbiology			15							15	0.31
66	Zuriat		2		1	1	3			8	15	0.31
67	Crop Protection		2		1	9	1			1	14	0.29
68	Ilmu Dan Peternakan			13	1						14	0.29
69	Journal of Hydrology	11	3								14	0.29
70	Menara Perkebunan	1	7		3		2	1			14	0.29
71	Pemberitaan Lembaga Penelitian Tanaman Industri						14				14	0.29
72	Plant Science	1	7		1	2				3	14	0.29
73	Australian Journal of Biological Sciences		2	9			1			1	13	0.27
74	Australian Journal of Soil Research	8	5								13	0.27
75	Genetics		10			1				2	13	0.27
76	International Journal of Pest Management		6		4	2	1				13	0.27
77	Journal of Applied Bacteriology			1	1	7	3			1	13	0.27
78	Journal of the Science of Food and Agriculture		10		2	1					13	0.27
79	Water Resources Research	11	2								13	0.27
80	American Journal of Clinical Nutrition		11		1						12	0.25
81	Media Komunikasi Penelitian dan Pengembangan Tanaman Industri				4		8				12	0.25
82	Verhandeligen	8	2		2						12	0.25
83	Agrivita	1	2			4				4	11	0.22
84	Biological control		3		1	5	2				11	0.22
85	Entomologia Experimentalis et Applicata		2		2	6				1	11	0.22

Appendix O continued.

NO.	JOURNAL TITLES	JOURNALS / OCCURRENCES									IAARD	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
86	Food Chemistry		7		1		1	2			11	0.22
87	Hydrological Processes	8	3								11	0.22
88	Japanese Journal of Breeding		10							1	11	0.22
89	Journal of Food Protection		4		7						11	0.22
90	Animal Reproduction Science			10							10	0.20
91	Annual Review of Phytopathology		1		1	1	5			2	10	0.20
92	Catena	10									10	0.20
93	Journal of Agricultural Economics					2			8		10	0.20
94	Journal of Experimental Botany		4			5				1	10	0.20
95	Journal of Parasitology			10							10	0.20
96	Nutrient Cycling in Agroecosystems	4	4							2	10	0.20
97	Pemberitaan Penelitian Tanaman Industri				10						10	0.20
98	Plant pathology		2		1	3	4				10	0.20
99	Transactions of the ASAE (American Society of Agricultural Engineers)		2					6		2	10	0.20



Appendix P.

**CITED MONOGRAPHS OF IAARD JOURNALS WITH THREE AND ABOVE NUMBER OF CITATIONS (1995-2010)**

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
1	Principles And Procedures Of Statistic. A Biometrical Approach		1	24						1	26	0.82
2	Malignant Catarrhal Fever In Asian Livestock			17							17	0.54
3	Soil Fertility And Fertilizers	5	1			1	1			4	12	0.38
4	Principles And Practices Of Rice Production	4	2		1			1		2	10	0.32
5	Kedelai				4			3		3	10	0.32
6	Fundamental Of Rice Crop Science		3							7	10	0.32
7	Agricultural Process Engineering				1		1	8			10	0.32
8	The Nature And Properties Of Soil	3	1			1				4	9	0.29
9	Volcanic Ash Soil – Genesis, Properties, And Utilization. Developments In Soil Science	6	2								8	0.25
10	Teknologi Pengelolaan Lahan Kering Menuju Pertanian Produktif Dan Ramah Lingkungan	3			5						8	0.25
11	Reproduction In Farm Animals. 7th Edition			8							8	0.25
12	Monograf Tanaman Lada		1		5		2				8	0.25
13	Jagung		1		3			1	1	2	8	0.25
14	Effective Use Of Agricultural Materials And Insect Pest Control On Soybean				8						8	0.25
15	Biometrical Methods In Quantitative Genetic Analysis		2			1	2			3	8	0.25
16	Tinjauan Perkembangan Ekonomi								7		7	0.22
17	Rice Diseases		2							5	7	0.22

Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTA GE
18	Official Methods Of Analysis Of The Association Of Official Analytical Chemists		5	1		1					7	0.22
19	Sumber Daya Lahan Indonesia Dan Pengolahannya	6									6	0.19
20	Sifat Dan Ciri Tanah	2				1	1			2	6	0.19
21	Rice Genetics III		5							1	6	0.19
22	Konservasi Tanah Dan Air	5								1	6	0.19
23	Humus Chemistry, Genesis, Composition And Reaction	4					2				6	0.19
24	Tumbuhan Berguna Indonesia				2		3				5	0.16
25	The Policy Analysis Matrix For Agricultural Development								5		5	0.16
26	The Pest Of Crops In Indonesia				4		1				5	0.16
27	Standard Evaluation System For Rice		1							4	5	0.16
28	Soil Colloids And Their Association In Aggregates	5									5	0.16
29	Rainfed Lowland Rice: Advances In Nutrient Management Research	2								3	5	0.16
30	Principles Of Soil Chemistry	4	1								5	0.16
31	Price And Investment Policies In The Indonesia Food Crop Sector								5		5	0.16
32	Plant Propagation By Tissue Culture					1	4				5	0.16
33	Plant Pathology						2			3	5	0.16
34	Plant Hormones And Their Role In Plant Growth And Development					5					5	0.16
35	Plant Growth Substances In Agriculture		3			2					5	0.16
36	Perancangan Percobaan Dengan Aplikasi SAS Dan Minitab		1	3						1	5	0.16
37	Heavy Metals In Soil - Blackie Acad	5									5	0.16
38	Fish Smoking And Drying, The Effect Of Smoking And Drying On The Nutritional Properties Of Fish				5						5	0.16

## Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
39	Cashew				2		3				5	0.16
40	Theory Of Econometrics : An Introductory Exposition Of Econometric Methods								4		4	0.13
41	The Origin And Phylogeny Of Indonesian Livestock			4							4	0.13
42	Tanah Sawah Dan Teknologi Pengelolaannya	3								1	4	0.13
43	Rice Post-Harvest Technology							4			4	0.13
44	Red Soils In Indonesia	2	1							1	4	0.13
45	Plant Tissue Culture : Theory And Practice, A Revised Edition						4				4	0.13
46	Penyakit-Penyakit Tanaman Holtikultura Di Indonesia		1			3					4	0.13
47	Peningkatan Produksi Kacang-Kacangan Dan Umbi-Umbian Mendukung Kemandirian Pangan				4						4	0.13
48	Padi Buku 1	3								1	4	0.13
49	Nutrient Requirement Of Poultry			4							4	0.13
50	Molecular Tool For Screening Biodiversity		4								4	0.13
51	Molecular Systematics And Plant Evolution		4								4	0.13
52	Medicinal Herbs Index In Indonesia						4				4	0.13
53	Ilmu Usahatani Dan Penelitian Untuk Pengembangan Petani Kecil						1		3		4	0.13
54	Genotype By Environment Interaction And Plant Breeding									4	4	0.13
55	Fosfat Alam Sebagai Bahan Baku Dan Pupuk Fosfat	3								1	4	0.13
56	Dasar-Dasar Ilmu Tanah	2					1	1			4	0.13
57	Ch4 And N20, Global Emissions And Controls From Ricefields And Other Agricultural And. Industrialsources. 2.	1	3								4	0.13
58	Bacterial Wilt. The Disease And Causative Agent, Pseudomonas Solanacearum				3		1				4	0.13
59	Analisis Ekonomi Proyek-Proyek Pertanian						2		2		4	0.13

Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
60	Verhandeligen		3								3	0.10
61	Tropical Crops: Monocotyledons		1				1			1	3	0.10
62	The Mineralogy, Chemistry And Physics Of Tropical Soils With Variable Charge Clays	2	1								3	0.10
63	The Geology Of Indonesia	1	2								3	0.10
64	The Essential Oils					1	2				3	0.10
65	Temu Putih Tanaman Obat Antikanker							3			3	0.10
66	Teknologi Inovatif Agribisnis Kacang-Kacangan Dan Umbi-Umbian Untuk Mendukung Ketahanan Pangan				3						3	0.10
67	Statistical Procedures For Agricultural Research With Emphasis On Rice									3	3	0.10
68	Statistical Procedures For Agricultural Research					1				2	3	0.10
69	Statistical Methods		1	2							3	0.10
70	Statistical Analysis Of Regional Yield Trials: Ammi Analysis Of Factorial Designs		1							2	3	0.10
71	Soil Microbial Ecology: Application In Agricultural And Environmental Management	2	1								3	0.10
72	Soil Erosion And Conservation	3									3	0.10
73	Soil Chemistry	1			1	1					3	0.10
74	Soil And Plant Analysis		3								3	0.10
75	Rumen Microbial Metabolism And Ruminant Digestion			3							3	0.10
76	Rice : Nutrient Disorders & Nutrient Management									3	3	0.10
77	Responses Of Plants To Environmental Stress						2			1	3	0.10
78	Repelita VI Pertanian								3		3	0.10
79	Recent Advances In Animal Nutrition		1	2							3	0.10
80	Quantitative Genetics In Maize Breeding		1							2	3	0.10

Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
81	Properties And Management Of Soils In The Tropics	1	1				1				3	0.10
82	Projections And Policy Implications Of Medium And Long-Term Rice Supply And Demand In Indonesia.								3		3	0.10
83	Principles Flue Cured Tobacco Production.						2	1			3	0.10
84	Principles And Methods For Assessing Causes And Impacts	3									3	0.10
85	Predicting Rainfall Erosion Losses: A Guide To Conservation Planning.	2								1	3	0.10
86	Plant Physiology	1					2				3	0.10
87	Plant Bacterial Diseases: A Diagnostic Guide.		3								3	0.10
88	Pix-Basf Agricultural Research Farm					3					3	0.10
89	Physiology Of Crop Plants					3					3	0.10
90	Physiology And Biochemistry Of Tobacco Plants						2	1			3	0.10
91	Nutrient Requirements Of Ruminants In Developing Countries			3							3	0.10
92	Mycotoxin Contamination In Grains		3								3	0.10
93	Modern Econometric: An Introduction								3		3	0.10
94	Minerals In Soil Environments	3									3	0.10
95	Mikotoksin Bahan Pangan		2					1			3	0.10
96	Micropropagation Of Orchids.					3					3	0.10
97	Materia Medika Indonesia						3				3	0.10
98	Konservasi Tanah Pada Lahan Kering Berlereng				3						3	0.10
99	Klasifikasi Tanah Danpedogenesis	3									3	0.10
100	Kedelai Teknik Produksi Dan Pengembangan				3						3	0.10
101	Introduction To Soil Microbiology	1	1							1	3	0.10
102	Inseminasi Buatan Pada Ternak			3							3	0.10

Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
103	Indonesia'S Economic Crisis: Effects On Agriculture And Policy Responses				3						3	0.10
104	Ilmu Tanah - Akademika					2	1				3	0.10
105	Ilmu Tanah		1							2	3	0.10
106	Hidrologi Dan Pengelolaan Daerah Aliran Sungai	3									3	0.10
107	Handbook Of Plant Cell Culture						3				3	0.10
108	Handbook Of Applied Hydrology, A Compendium Of Water Resources Technology	3									3	0.10
109	Fundamental Methods Of Mathematical Economics								3		3	0.10
110	Fish Drying And Smoking, Production And Quality				3						3	0.10
111	Fertilizing For Maximum Yield				1		1			1	3	0.10
112	Epidemiology And Plant Diseases Management				1		1			1	3	0.10
113	Energy Allowance And Feeding Systems For Ruminants			3							3	0.10
114	Econometric Models And Economic Forecasts								3		3	0.10
115	Durian: Fruit Development, Postharvest Physiology, Handling And Marketing In Asean		3								3	0.10
116	Duck Production And World Practice			3							3	0.10
117	Drying Farm Crops						1	2			3	0.10
118	Drying Cereal Grains						1	2			3	0.10
119	Draught Animal Systems And Management: An Indonesian Study				3						3	0.10
120	Diversity and Management of Phytophthora in Southeast Asia		1				2				3	0.10
121	Disease Of Poultry			3							3	0.10
122	Diffusion Of Innovations								2	1	3	0.10
123	Crop Protection Compendium: Module II		3								3	0.10

Appendix P continued.

NO.	MONOGRAPH TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
124	Communication Of Innovations: A Cross Cultural Approach				1				1	1	3	0.10
125	Chemistry Of Plant Hormones		1			2					3	0.10
126	Cell And Tissue Culture In Forestry. General Principles And Biotechnology					1	2				3	0.10
127	Cashew (Anacardium Occidentale L.) Monograph On Plantation Crops				2		1				3	0.10
128	Biotrop special publication		1			1	1				3	0.10
129	Atlas Of Rumen Microbiology			3							3	0.10
130	Assessing The Rural Development Impact Of The Crisis In Indonesia.				1				2		3	0.10
131	An Advanced Treatise On Meloidogyne						3				3	0.10

## Appendix Q.

**CITED PROCEEDINGS/PAPERS OF A SEMINAR, WORKSHOPS, AND SCIENTIFIC MEETING OF IAARD JOURNALS WITH  
THREAND ABOVE NUMBER OF CITATIONS (1995-2010)**

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
1	Soil Science Society of Amerian Proceeding	24			2		2	1			29	2.02
2	Australian Central for International Agricultural Research Proceeding		8		6	4	4				22	1.53
3	Prosiding Pertemuan Pembahasan dan Komunikasi Hasil Penelitian Tanah dan Agroklimat.	8			1					7	16	1.11
4	Proceedings of Modsim 97	4			5	1				1	11	0.77
5	2nd International Conference on Science and Technology for the Assessment of Global Climate Change and Its Impact on Indonesian Maritime Continent	2		6				2			10	0.70
6	Prosiding Seminar Nasional Sumberdaya lahan	4					3			3	10	0.70
7	Prosiding Seminar Nasional SumberDaya Lahan Pertanian	2			7					1	10	0.70
8	Prosiding Balai Penelitian Tanaman Sayuran	1								7	8	0.56
9	Proceeding of the 3rd AAAP Animal Science Congres		4	3							7	0.49
10	Proceeding of the ATA 106	1	1							5	7	0.49
11	Prosiding Seminar Ekologi Laut dan Pesisir		2		5						7	0.49
12	Seminar Nasional Diseminasi Hasil Penelitian, Semarang,				7						7	0.49
13	International Symposium: Trichogamma and other parasites						5			1	6	0.42
14	Orasi Pengukuhan Ahli Peneliti Utama			1	1		2	1		1	6	0.42
15	Proceedings of international symposium on soil fertility evaluation	5							1		6	0.42
16	Prosiding Seminar Nasional Teknik Kimia Indonesia		2		3		1				6	0.42
17	Prosiding Simposium Nasional dan Kongres II PERIPI				6						6	0.42
18	Risalah Lokakarya Pengendalian Hama Terpadu Tanaman Kedelai				6						6	0.42



Appendix Q continued.

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
19	rountable discussion on coping with Climate Variability and Change in Food Production	1			5						6	0.42
20	Satellite Workshop on Rice Weed Management				6						6	0.42
21	Semiloka Pembenh Tanah Menghemat Pupuk, Mendukung Peningkatan Produksi Beras	2		3	1						6	0.42
22	Seminar Bulanan Balai Penelitian Tanaman Rempah dan Obat				6						6	0.42
23	2nd Land Resource Evaluation and Planning Project.	1			4						5	0.35
24	Pertemuan Pembahasan dan Komunikasi Hasil Penelitian Tanah dan Agroklimat	4	1								5	0.35
25	Proceeding of the 11th European Symposium On Waterfowl			5							5	0.35
26	Proceeding of the the International Symposium on Tropical Peatland				5						5	0.35
27	Proceedings the 6th Congress FAVA			5							5	0.35
28	Prosiding Pertemuan Teknis Penelitian Tanah dan Agroklimat	3								2	5	0.35
29	Prosiding Seminar Hasil Penelitian Pertanian Lahan Kering dan Konservasi Tanah di Lahan Sedimen dan Vulkanik DAS Bagian Hulu				5						5	0.35
30	Prosiding Seminar Nasional Teknologi Peternakan Dan Veteriner		1		3			1			5	0.35
31	Prosiding Simposium Perikanan Indonesia		3		2						5	0.35
32	Prosiding Simposium Tanaman Pangan III				5						5	0.35
33	Risalah Hasil Penelitian Potensi Sumberdaya Lahan untuk Pengembangan Sawah Irigasi di Kalimantan dan Sulawesi	1	1		2					1	5	0.35
34	Risalah Seminar Hasil Penelitian Tanah dan Agroklimat				5						5	0.35
35	RisalahSeminar Hasil Penelitian Tanah dan Agroklimat	1						4			5	0.35
36	Seminar Anggrek Tahun 1995				5						5	0.35
37	Seminar Ilmiah Nasional Komoditas Sayuran		5								5	0.35
38	Workshop “Penerapan Mekanisasi Pengolahan Biofarmaka untuk Meningkatkan Mutu”			3	2						5	0.35
39	7th World Congress on Genetics Applied to Livestock Production			4							4	0.28
40	8th World Congress on Genetics Applied to Livestock Production			4							4	0.28

Appendix Q continued.

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
41	Diskusi Pengembangan Alsintan/Enjinering Pertanian dalam rangka Menunjang Pembangunan Pertanian Modern							4			4	0.28
42	International Board for Soil Research and Management -Thailand Proceedings: Soil Management and Smallholder Development in the Pacific Island	4									4	0.28
43	International Conference on Cocoa Economy								4		4	0.28
44	International Rice Research Conference		1		1					2	4	0.28
45	Kongres Nasional Perhimpunan Fitopatologi Indonesia ke-XVII dan Seminar Ilmiah			2		2					4	0.28
46	Proceeding National Academi Science				2		1			1	4	0.28
47	Proceeding of Symposium on Management of the Cocoa Pod Borer									4	4	0.28
48	Proceeding of the 1st World Waterfowl Conference			4							4	0.28
49	Proceeding of the Screwworm Fly Emergency Preparedness Conference									4	4	0.28
50	Proceedingof the National Seminar of Soil Science Societyof Indonesia						4				4	0.28
51	Proceedings of RILET- JIRCAS Workshop on Soybean Research			1						3	4	0.28
52	Proceedings of Seminar on Results of Research and Development of Biotechnology							4			4	0.28
53	Proceedings of the National Academy of Sciences	1			1					2	4	0.28
54	Prosiding Kongres Nasional XII dan Seminar Ilmiah Perhimpunan Fitopatologi Indonesia			2		1			1		4	0.28
55	Prosiding Lokakarya Nasional Efisiensi Penggunaan pupuk	1			1			2			4	0.28
56	Prosiding Lokakarya Nasional Pertanian Organik					4					4	0.28
57	Prosiding Seminar Nasional Kimia		4								4	0.28
58	Prosiding Seminar Nasional Reorientasi Pendayagunaan Sumberdaya Tanah, Iklim, dan Pupuk.	2					1			1	4	0.28
59	Prosiding Seminar Sehari Perhimpunan Fitopatologi Indonesia				4						4	0.28
60	Seminar Balai Penelitian Tanaman Pangan Bogor				1			3			4	0.28
61	Seminar Hasil Penelitian Bioteknologi			4							4	0.28
62	Seminar Hasil Penelitian Pendukung Pengendalian Hama Terpadu				4						4	0.28

Appendix Q continued.

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
63	seminar nasional Balai Pengkajian Teknologi Pertanian (BPTP) Nusa Tenggara Barat							4			4	0.28
64	Seminar Tahunan Balai Penelitian Tanaman Pangan Bogor				4						4	0.28
65	Symposium Publications Division. Pergamon Press. Oxford.	1			3						4	0.28
66	5th International Congress of Plant Pathology					3					3	0.21
67	Federation Proceeding: Nutritional Requirements Of The Predominant Rumen Cellulolytic Bacteria			3							3	0.21
68	Forest Hydrology: Symposium Publication Division	3									3	0.21
69	International Workshop on constrains, opportunities, and innovations for wet seeded rice, Bangkok	2	1								3	0.21
70	Kongres dan Temu Ilmiah Nasional II Perhimpunan Mikologi Kedokteran Manusia dan Hewan Indonesia (PMKI)			3							3	0.21
71	Lokakarya Nasional Efisiensi Penggunaan Pupuk					1				2	3	0.21
73	Pelatihan Calon Pelatih untuk Pengembangan Pertanian di Daerah Pasang Surut, Karang Agung Ulu, Sumatera Selatan		1	2							3	0.21
74	Pembahasan Konsep Strategis Pengembangan Peningkatan Mutu Intensifikasi Pertanian Berwawasan Agri bisnis pada Pelita II di Jawa Timur. Batu-Malang			3							3	0.21
75	Proceeding of a Symposium held in conjunction with the Sixth Session of the Indo-Pacific Fishery Commission Working Party on Fish Technology and Marketing		3								3	0.21
76	Proceeding of International Workshop on Bacterial Blight of Rice									3	3	0.21
77	Proceeding of the 15th Symposium On Energy Metabolism In Animals		2	1							3	0.21
78	Proceeding of the 17th WSCC	1								2	3	0.21
79	Proceeding of the 1st International Conference on Crop Security			1	2						3	0.21
80	Proceeding of the European Symposium On Waterfowl		3								3	0.21
81	Proceeding of the Farming Systems Research to Support Transmigration	2								1	3	0.21
82	Proceeding of the International Clay Conference I	2							1		3	0.21
83	Proceeding of the International Workshop an Conservation Farming for Sloping Uplands in Southeast Asia.	1								2	3	0.21
84	Proceedings of the Transactions of the 14th International Congress on Soil Science	2						1			3	0.21

Appendix Q continued.

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
85	Prociding ForUm KomuKasi Ilmiah Jambu Mete				3						3	0.21
86	Prosiding Diskusi Kapas Nasional: Peluang dan program pengembangan kapas di Indonesia		2			1					3	0.21
87	Prosiding Hasil Penelitian Perikanan Air Tawar BPPAT			3							3	0.21
88	Prosiding Lokakarya Nasional Efisiensi Pupuk	1						2			3	0.21
89	Prosiding Lokakarya Nasional Tanaman Pakan Ternak						3				3	0.21
90	Prosiding Lokakarya Penelitian Komoditas Dan Studi Khusus		2					1			3	0.21
91	Prosiding Penanganan Lahan Keying Marginal melalui Pola Usahatani Terpadu di Jambi	1	1							1	3	0.21
92	Prosiding Peningkatan Peran Teknologi Penginderaan Jauh untuk Pembangunan Sosial-Ekonomi dan Lingkungan	1	1							1	3	0.21
93	Prosiding Pertemuan Ilmiah Pengolahan Dan Komunikasi Hasil Penelitian Sapi Perah				3						3	0.21
94	Prosiding Pertemuan Ilmiah Ruminansia		2				1				3	0.21
95	Prosiding Pertemuan Teknis Penelitian Tanah Bidang Konservasi Tanah dan Air	2								1	3	0.21
96	Prosiding Seminar Hasil Penelitian Tanaman Pangan Balittan		1		1			1			3	0.21
97	Prosiding Seminar Nasional Himpunan Kimia Indonesia					3					3	0.21
98	Prosiding Seminar Nasional Kalium	2						1			3	0.21
99	Prosiding Seminar Nasional Perkebunan Kelapa Sawit Rakyat: Perberdayaan Perkebunan Kelapa Sawit Rakyat Sebagai Upaya Penguatan Ekonomi Kerakyatan	1								2	3	0.21
100	Prosiding Seminar Pengembangan Peternakan Dalam Pembangunan Ekonomi Nasional		3								3	0.21
101	Prosiding Seminar Nasional Pengelolaan Sumberdaya Lahan dan Pupuk	1						1		1	3	0.21
102	Prosiding Seminar Nasional Reorientasi Pendayagunaan Sumberdaya Tanah, Iklim, dan Pupuk	1								2	3	0.21
103	Prosiding Simposium Penerapan Pengendalian Hama Terpadu							3			3	0.21
104	Prosiding Temu Pakar dan Lokakarya Nasional Diseminasi Optimasi Pemanfaatan Sumber Daya Lahan Rawa				3						3	0.21
105	Risalah Lokakarya Hasil Penelitian Lahan Kering dan Konservasi Tanah di DAS	1								2	3	0.21

Appendix Q continued.

NO.	PROCEEDING TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
106	Risalah Seminar basil Penelitian Emisi Gas rumah Kaca dan Peningkatan Produktivitas Padi di Lahan Sawah							3			3	0.21
107	second International Symposium on Land Use Change and Soil and Water processes in Tropical Mountain Environments	2	1								3	0.21
108	Semiloka Perkudaan Indonesia		3								3	0.21
109	Seminar Pengembangan Mesin Pemanen Padi Tipe Sisir					3					3	0.21
110	Seminar Antisipasi Kekeringan	1			2						3	0.21
111	Seminar Hari Air Sedunia	1			2						3	0.21
112	Seminar Hasil Penelitian/Pengkajian Penggunaan Pupuk Cair Sipramin				3						3	0.21
113	Seminar Nasional Pengelolaan Pupuk pada Kelapa Sawit	2			1						3	0.21
114	Seminar Nasional Sumber Daya Tanah, Iklim, dan Pupuk	1	2								3	0.21
115	Seminar on Phosphate Rock for Direct Application	2			1						3	0.21
116	Seminar on the Role of Tree Crop Smallholder in the Economy and Poverty Alleviation				3						3	0.21
117	Seminar Perhimpunan Teknik Pertanian				1		1	1			3	0.21
118	Seminar Sehari Pengembangan Agribisnis Nila Merah di Jawa Barat				3						3	0.21
119	Simposium Penelitian Tanaman Pangan IV				3						3	0.21
120	Simposium Tanaman Obat 1		3								3	0.21
121	Temu Karya Industri Hortikultura				3						3	0.21
122	Temu Tugas Dan temu Lapang			3							3	0.21
123	Tobacco-Week P.T. Sadhana Arif Nusa, Tanggal 4 Desember 1997		1		2						3	0.21
124	Western Nutrient Management Conference				3						3	0.21
125	Workshop Aflatoksin Forum Indonesia ke-3				3						3	0.21
126	Workshop on Research Priorities in the Tidal Swamps Rice	3									3	0.21
127	Workshop Veteriner				3						3	0.21

Appendix R.

**CITED LITERATURES OF IAARD JOURNALS WITH THREE AND ABOVE NUMBER OF CITATIONS (1995-2010)**

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
1	Keys to Soil Taxonomy	16	5		3			1			25	0.21
2	Ilmu tanah	1	1			10	2			2	16	0.14
3	Official Methods Of Analysis Of Association Of Official Analytical Chemistry		7	5		2		2			16	0.14
4	Plant Physiology	1	1			4	5			4	15	0.13
5	Principles And Procedures Of Statistic. A Biometrical Approach			15							15	0.13
6	Soil Survey Manual	9	2		1			1			13	0.11
7	Soil Fertility and Fertilizer	5				1	1			4	11	0.09
8	Agricultural process engineering				1		1	8			10	0.08
9	Cashew				4		6				10	0.08
10	Principles and Practices of Rice Production	4	2		1			1		2	10	0.08
11	Petunjuk Teknis Evaluasi Lahan untuk Komoditas Pertanian	1	3		3	1		1			9	0.08
12	Price and Investment Policies in the Indonesian Food Crops Sector								9		9	0.08
13	Rainfall TypeS Based onWet and Dry Period Ratios for Indonesia with W. N. Guinea	9									9	0.08
14	SAS User's Guide: Statistics		1	7			1				9	0.08
15	An Agroclimatic Map of Java	7								1	8	0.07

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
16	Biometrical Method in Quantitative Genetic Analysis		2			1	2			3	8	0.07
17	Frontier Production Functions, Technical Efficiency And Panel Data: With Application To Paddy Farmers In India		2						6		8	0.07
18	Guidelines for Soil Profile Description	6	2								8	0.07
19	Rainfall type based on wet and dry period ratios for Indonesia with Western New Guinea		5		3						8	0.07
20	Soil Survey Laboratory Methods Manual	2	6								8	0.07
21	Statistik Indonesia	3		1	2	1			1		8	0.07
22	Tanah-Tanah Pertanian di Indonesia	6	2								8	0.07
23	The Nature and Properties of Soil	3				1				4	8	0.07
24	Fundamental of rice crop science									7	7	0.06
25	Konservasi Tanah dan Air	6								1	7	0.06
26	Plant pathology		2				2			3	7	0.06
27	Prinsip dan Prosedur Statistika Suatu Pendekatan Biometrik			5					1	1	7	0.06
28	Statistical Procedures for Agricultural Research	2	2	1		1				1	7	0.06
29	Statistik Perdagangan Luar Negeri Indonesia				1		4		2		7	0.06
30	Statistik Pertanian				2	1		4			7	0.06
31	Medical herb index in Indonesia.				1		5				6	0.05
32	Penuntun Analisa Tanah	6									6	0.05
33	Phosphate sorption isotherm for evaluating the phosphate requirement of soils	6									6	0.05
34	Plant Propagation By Tissue Culture		1			1	4				6	0.05
35	Sifat dan Ciri Tanah	2				1	1			2	6	0.05

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
36	Soil Survey Labora-tory Methods and Procedures for Collecting Soil Samples	6									6	0.05
37	Stability parameters for comparing varieties									6	6	0.05
38	Standard evaluation system for rice		2							4	6	0.05
39	Input-Output Analysis in Developing Countries Sources, Methods and Aplications								5		5	0.04
40	Methods for Chemical Analysis of Soils	2	3								5	0.04
41	Nutrient loss and on site cost of soil erosion under different land use systems in South East Asia	3	2								5	0.04
42	Perancangan Percobaan dengan Aplikasi SAS dan MINITAB		1	3						1	5	0.04
43	Plant Tissue Culture : Theory and Practice						4			1	5	0.04
44	Reproduction In Farm Animals			5							5	0.04
45	Soil Genesis and classification.	4	1								5	0.04
46	The Pest of Crops in Indonesia				4		1				5	0.04
47	The Policy Analysis Matrix for Agricultural Development								5		5	0.04
48	The use of phosphate rock for direct application to soil	3	2								5	0.04
49	Analisa Ekonomi Proyek-proyek Pertanian				1	1	2				4	0.03
50	Analisis usahatani melati : Potensi, kelayakan dan prospeknya					4					4	0.03
51	Animal Nutrition			4							4	0.03
52	Atlas Of Rumen Microbiology			4							4	0.03
53	Attractiveness of methyl eugenol baited traps to oriental fruitly (Diptera;Tephritidae): Effect of dosage, placement, and color					4					4	0.03



## Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
54	Beberapa sifat kimia tanah seri Sanggauledo (Anionic Acroperox) Kalimantan Barat.	2	1		1						4	0.03
55	Buku Statistik Peternakan			4							4	0.03
56	Chemical, mineralogical and P-sorption characteristics of some red soils from West Java. .	3	1								4	0.03
57	Effects of seed treatment chemicals and Bacillus subtilis on snap bean seedling diseases, growth, and yield. T		4								4	0.03
58	Formulation and Estimation of Stochastic Frontier Production Function Models								4		4	0.03
59	Fosfat Alam sebagai Bahan Baku dan Pupuk Fosfat	3								1	4	0.03
60	Fundamentals of Rice Crop Science		4								4	0.03
61	Handbook for Rhizobia.		4								4	0.03
62	Ilmu Usaha Tani dan Penelitian Untuk Pengembangan Petani Kecil						1		3		4	0.03
63	Instructions and tables for computing potential evapotranspiration and the water balanced	4									4	0.03
64	Kesubrrran lanah.	3								1	4	0.03
65	Korelasi Antara Aktifitas Enzim Mananase Dan Selulase Terhadap Kadar Serat Lumpur Sawit Hasil Fermentasi Dengan Aspergillus Niger			3			1				4	0.03
66	Nutrient balances in terraced paddy fields under traditional irrigation in Indonesia.	3	1								4	0.03
67	Nutrient Requirement of Poultry			4							4	0.03
68	On estimation of Technical Inefficiency in Stochastic Production Function Model		2						2		4	0.03
69	Patogenisitas Isolat Beauveria bassiana (Balsamo) Vuillemin dalam Mengendalikan Hama Penggerek Bonggol Pisang, Cosmopolites sordidus Germar					4					4	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
70	Peningkatan Nilai Gizi Lumpur Sawit Melalui Proses Fermentasi: Pengaruh Jenis Kapang, Suhu Dan Lama Proses Enzimatis			4							4	0.03
71	Penuntun Analisa Fisika Tanah	4									4	0.03
72	Penyakit-penyakit tanaman hortikultura di Indonesia		1			3					4	0.03
73	Percepatan Proses Penanganan Proses Lepas Panen dengan Alsintan dalam rangka Menurunkan Kontaminasi Aflatoksin pada Komoditas Kacang Tanah		2					2			4	0.03
74	Plant hormones and their role in plant growth and development					4					4	0.03
75	Pola Penanganan Pengolahan Hasil Tanaman Padi							4			4	0.03
76	Principles of Soil Chemistry	3	1								4	0.03
77	Produksi Biofertilizer untuk Efisiensi Penggunaan Pupuk dalam Budi Daya Tanaman yang Aman Lingkungan		1		3						4	0.03
78	RAPFISH: A Rapid Appraisal Technique to Evaluate The Sustainability Status of Fisheries	1							3		4	0.03
79	Reconnaissance Land Resource Surveys 1 : 250.000 scale. Atlas Format Procedures	1			3						4	0.03
80	Rice disease 2nd ed									4	4	0.03
81	Soil organic matter characteristics as affected by tillage management	3			1						4	0.03
82	Soil Survey Laboratory Information Manual		4								4	0.03
83	Some characteristics of Andosols from Western Indonesia	3	1								4	0.03
84	Statistics of Indonesia.		1					3			4	0.03
85	Statistik Perkebunan Indonesia 1994-1996: Kelapa Sawit			2	1	1					4	0.03
86	Tataniaga dan Perilaku Konsumen Bunga Potong					4					4	0.03

## Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
87	The analysis of adaptation in a plant breeding program									4	4	0.03
88	Tumbuhan berguna Indonesia				1		3				4	0.03
89	A method to determine a phosphorus absorption maximum of soils as measured by the Langmuir isotherm	1			1		1				3	0.03
90	A Model for Technical efficiency Effects in a Stochastic Frontier Production Function for Panel Data		1						2		3	0.03
91	Algebraic Models Of The Lactation Curves For Milk, Fat And Protein Production, With Estimates Of Seasonal Variation.			3							3	0.03
92	Analisis Keunggulan Komparatif Usaha Tani Lada, Karet, Kopi Dan Kakao				1		2				3	0.03
93	Analysis of individual variability of the shape of lactation curve for milk fat and protein contents in Italian simmental cows			3							3	0.03
94	Are intensive agricultural practices environmentally and ethically sound	2	1								3	0.03
95	Assesing the Rural Development Impact of the Crisis inIndonesia				1				2		3	0.03
96	Associations among productivity, production response and stability indexes In oat varieties									3	3	0.03
97	Bacillus subtilis QST713		3								3	0.03
98	Bacteriophage Typing of Ralstonia solanacearum, P. syzygii, and Blood Disease Bacterium of Banana				1	2					3	0.03
99	Biological control of Etiella pod borer of soybean. I. Larva parasitoids of Etiella pod borer in Indonesia-possibility of using larva parasitoids				3						3	0.03
100	Biology of Liriomyza		2		1						3	0.03
101	Characteristics of Pseudomonas solanacearum					3					3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
102	Chemical and mineralogical properties of Ultisols of Sasamba area, East Kalimantan	1	2								3	0.03
103	Chemical and Physical Analyses Required for Soil Classification	2	1								3	0.03
104	Chemical characteristics of volcanic ash soils	2	1								3	0.03
105	Chrysanthemum White Rust					3					3	0.03
106	Colorimetric Estimation of Indolacetic Acid	1	2								3	0.03
107	Communication of Innovations, A Cross-Cultural Approach				1				1	1	3	0.03
108	cpDNA and mtDNA primers in plants		3								3	0.03
109	Crop Evapotranspiration, Guidelines for computing crop water requirements	3									3	0.03
110	Crop Requirements for Land Evaluation		3								3	0.03
111	Crystalline Cellulose Degradation By A Strain Of Cellulomonas And Its Mutants Derivatives		1	2							3	0.03
112	Defaunation Of The Rumen. In: Rumen Microbial Metabolism And Ruminant Digestion			3							3	0.03
113	Diffusion of Innovations								2	1	3	0.03
114	Drying and Storage of Grains and Oilseeds							3			3	0.03
115	Drying Cereal Grains						1	2			3	0.03
116	Econometrics Model and Economic Forecast								3		3	0.03
117	Economics								3		3	0.03
118	Effect of Beauveria bassiana on migratory grasshoppers (Orthoptera: Acrididae) in spraytower bioassac					3					3	0.03
119	Effect of rice-soil puddling on water percolation	2	1								3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
120	Effect of Season on Growth and Development of Chrysanthemum in the Vegetative Phase		2			1					3	0.03
121	Effect of stock plant environment on lateral branching and rooting		2			1					3	0.03
122	Effects of land use and management systems on water and sediment yields: Evaluation from several micro catchments in Southeast Asia	2	1								3	0.03
123	Efficiency Estimation from Cobb-Douglas Production Function with Composed Error								3		3	0.03
124	Energy Allowance And Feeding Systems For Ruminants			3							3	0.03
125	Evaluation Of A New Laboratory Procedure For Estimating The Fermentation Kinetic Of Tropical Feeds			3							3	0.03
126	Factors relating to peanut yield increase after seed treatment with <i>Bacillus subtilis</i>		3								3	0.03
127	Fertilizing For Maximum Yield				1		1			1	3	0.03
128	Field water management to save water and increase its productivity in irrigated lowland rice	2	1								3	0.03
129	Formation of clay from granite and its distribution in relation to climate and topo-graphy	2	1								3	0.03
130	Fundamental Methods of Mathematical Economics								3		3	0.03
131	FZB24® <i>Bacillus subtilis</i> – mode of action of a microbial agent enhancing plant vitality		3								3	0.03
132	Glycemic index of foods: a physiological basic for carbohydrate exchange.		3								3	0.03
133	Greenhouse and field evaluation of biological control of <i>Fusarium</i> head blight on durum wheat		3								3	0.03
134	Guide to hydrological practices	2	1								3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
135	H2U(hydrogramme unitaire universale): A Transferfunction model using fractal characteristics of thehydrographic network. p. 478-482.	3									3	0.03
136	Hasil-Hasil Penelitian Tanaman Obat							3			3	0.03
137	Heavy Metals in Soil.	3									3	0.03
138	Hidrologi dan Pengelolaan Daerah Aliran Sungai	3									3	0.03
139	Hubungan antara erapan P dengan beberapa sifat kimia tanah serta kelarutan fosfat alam pada tanah Oxic Rhodic Paleustalfs dart daerah Pasir Bungur Jawa Barat.	3									3	0.03
140	Hubungan kuantitas dan intensitas kalium untuk menduga kemampuan tanah dalam persediaan hara kalium	3									3	0.03
141	Indonesian Statistical Yearbook		2						1		3	0.03
142	Industrialisasi pertanian sebagai strategi agribisnis dan pembangunan pertanian dalam era globalisasi				2				1		3	0.03
143	Inseminasi Buatan pada Ternak			3							3	0.03
144	Instantaneous response functions of overland flow and subsurface stormflow for catchment models	3									3	0.03
145	Introduction to Econometrics: Principles and Applications								3		3	0.03
146	Introduction to Soil Microbiology	1	1							1	3	0.03
147	Isolasi Dan Seleksi Kapang Mesofilik Penghasil Mananase			3							3	0.03
148	Kajian Distribusi Suhu, RH dan Aliran Udara Pengeriung untuk Optimasi Disain Pengeriung Efek Rumah Kaca							3			3	0.03
149	Kajian Metode Rehabilitasi Lahan untuk Meningkatkan dan Melestarikan Produktivitas Tanah	3									3	0.03
150	Karakteristik tanah Oxisols sebagai dasar pengelolaan lahan: Studi kasus pada Oxisols diSanggauledo, Propinsi Kalimantan Barat.	3									3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
151	Keracunan makanan		3								3	0.03
152	Kesesuaian lahan untuk tanaman pertanian dan tanaman kehutanan	1	1		1						3	0.03
153	Klasifikasi Tanah dan Pedogenesis	3									3	0.03
154	Komposisi patotipe patogen hawar daun bakteri pada tanaman padi stadium tumbuh berbeda		1							2	3	0.03
155	Konsentrasi optimum mepiquat klo-rida untuk peningkatan hasil umbi bawang merah kulti-var Bima Brebes di Majalengka					3					3	0.03
156	Lahan Kering Untuk Pertanian	2			1						3	0.03
157	Land Evaluation	2			1						3	0.03
158	Laporan penyusunan peta pewilayahan komoditas pertanian, skala 1: 50.000, di Kabupaten Donggala, Sulawesi Tengah	2	1								3	0.03
159	Laporan Tahunan							2		1	3	0.03
160	Leafminer in vegetables, ornamental plants and weeds in Indonesia: surveys of host crops, species compositions and parasitoids		2		1						3	0.03
161	Management of soil erosion consortium: An innovative approach to sustainable land management in the Philippines	2	1								3	0.03
162	Managing soil erosion for sustainable agriculture in Dong Cao Catchment. MSEC-Vietnam Annual Report	2	1								3	0.03
163	Measurement Of Digestibility Of Alfalfa Protein Concentrates By In Vitro And In Vivo Methods			3							3	0.03
164	Methane emission from rice paddies and possible mitigation strategies		1							2	3	0.03
165	Methane emission from rice soils of the Philippines	1	2								3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
166	Methane production from anaerobic soil amended with rice straw and nitrogen fertilizers		2							1	3	0.03
167	Methane production in Minnesota peat lands		2							1	3	0.03
168	Micropropagation of Orchids.					3					3	0.03
169	Mineral nutrition of higher plants		1							2	3	0.03
170	Mineralogical characteristics of volcanic ash soils.	3									3	0.03
171	Modern Econometric: An Introduction								3		3	0.03
172	Nutrient Requirements Of Ruminants In Developing Countries			3							3	0.03
173	Opportunities to manipulate nutrient by water interactions in rainfed lowland rice systems									3	3	0.03
174	Peanut Production, Import And Export In Indonesia.		3								3	0.03
175	Pedoman Klasifikasi Landform	3									3	0.03
176	Pengaruh jenis media dan pemupukan NPK terhadap pengakaran krisan Dalam K. Suhardi, T. Sutater, Y. Sulyo, dan Maryam Abn (Ed.)		3								3	0.03
177	Pengaruh teknik rehabilitasi lahan terhadap produktivitas tanah dan kehilangan hara	3									3	0.03
178	Pengelolaan hara dan pengaturan drainase untuk menanggulangi kendala produktivitas sawah baru	3									3	0.03
179	Pengendalian Patogen Penyakit Busuk Pangkal Batang Lada dengan Cara Manipulasi Lingkungan.		3								3	0.03
180	Pengeringan Kakao dengan Energi Surya Menggunakan Rak Pengering dengan Kolektor Tipe Efek Rumah Kaca							3			3	0.03
181	Penggunaan Bahan Pakan Lokal Dalam Pembuatan Ransum Ayam Buras			2	1						3	0.03



Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
182	Peningkatan Produktivitas Tanah Gambut yang Disawahkan dengan Pemberian Bahan Amelioran Tanah Mineral Berkadar Besi Tinggi	3									3	0.03
183	Peranan efisiensi penggunaan pupuk untuk melestarikan swa sembeda pangan	2			1						3	0.03
184	Percolation losses of water in relation to pre-puddling tillage and puddling intensity in a puddlesandy loam rice ( <i>Oryza sativa</i> L.) field	2	1								3	0.03
185	Perkembangan penelitian bahan tanaman jambu mete						3				3	0.03
186	Physiology of corp plants					3					3	0.03
187	PIX-BASF Agricultural Research farm					3					3	0.03
188	Plant analysis an interpretation manual									3	3	0.03
189	Plant growth promoting rhizobacteria: Their potential in improving crop productivity.		3								3	0.03
190	Plant Growth Substance in Agriculture.		1			2					3	0.03
191	Potential of methane emission in major rice ecologies. Climate Biosphere Interaction.		1							2	3	0.03
192	Predicting Rainfall Erosion Losses	3									3	0.03
193	Prediction of Firm Level Technical Efficiencies with a Generalized Frontier Production Function and Panel Data		1						2		3	0.03
194	Principles of cultivar development				1					2	3	0.03
195	Principles of flue-cured tobacco production.						2	1			3	0.03
196	Profit GKSI (Gabungan Koperasi Susu Indonesia).								3		3	0.03
197	Projections and Policy Implications of Medium and Long-Term Rice Supply and Demand in Indonesia.								3		3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
198	Prospek Pengembangan Sistem Usaha Pertanian Modern di Lahan Pasang Surut Sumatera Selatan	1	1					1			3	0.03
199	Puddling tropical rice soils: 1. Growth and nutritional aspects	2	1								3	0.03
200	Quantitative Genetics in Maize Breeding		1							2	3	0.03
201	Recent Studies on the Abundance of the Oriental and Meditereanean Fruitlies and the Status of Their Parasite					3					3	0.03
202	Repelita VI Pertanian								3		3	0.03
203	Restrukturisasi Penggilingan Padi di Indonesia							3			3	0.03
204	Rice : Nutrient Disorders & Nutrient Management									3	3	0.03
205	Rice Milling Machine							3			3	0.03
206	Sago palm. Metroxylon sagu Rottb. Promoting The conservation and use of underutilized and neglected crops		2				1				3	0.03
207	Sediment and nutrient balance under traditional irrigation at terraced paddy field systems	2	1								3	0.03
208	Soil and Plant Analysis		3								3	0.03
209	Soil and water management for increased water and fertiliser use efficiency for rice production	3									3	0.03
210	Soil chemistry	1			1	1					3	0.03
211	Somatic hybrid plans produced by electrofusion between Solanum melongena L. and Solanum torvum Sw				1		2				3	0.03
212	Statistical Analysis of Regional Yield Trials: AMMI analysis of factorial design		1							2	3	0.03
213	Statistical Methods		1	2							3	0.03
214	Statistical procedurs for agricultural research									3	3	0.03
215	Statistical Year Book of Indonesia		1					1	1		3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
216	Step-by-Step Basic Statistics Using SAS: Student Guide							3			3	0.03
217	Stochastic Production Frontier and Panel Data: Measuring Economic Efficiency on Rice Farms in West Java		1						2		3	0.03
218	Strategies for improving rainfedlowland rice production systems in CentralJava	1								2	3	0.03
219	Temu Putih Tanaman Obat Antikanker							3			3	0.03
220	Temulawak (Curcuma xanthorrhiza Roxb.) tumbuhan obat Indonesia						3				3	0.03
221	The bacterial wilt caused by Pseudomonas solanacearum				1	2					3	0.03
222	The Ecology of Fruit Flies					3					3	0.03
223	The effect of soil puddling on the soil physical properties and the growth of rice and post-rice crops	2	1								3	0.03
224	The Essential Oils					1	2				3	0.03
225	The geology of Indonesia. vol. 1A, General geology of Indonesia andadjacent archipelagoes	1	2								3	0.03
226	The Mineralogy, Chemistry, and Physics ofTropical Soil with Variable Charge Clays	3									3	0.03
227	The Rawa Lakbok (South Priangan, Java)	2	1								3	0.03
228	The Stripper Gatherer System for Small-Area Rice Harvesting							3			3	0.03
229	Theory of Econometrics: An Introductory Exposition of Econometric Methods								3		3	0.03
230	Tinjauan Penelitian Peningkatan Kualitas Beras melalui Perbaikan Teknologi Penyosohan							3			3	0.03
231	TOR TIPE-A survei kapabilitas tanah	1	2								3	0.03
232	Utilization Of Feeding stuffs From The Oil Palm			3							3	0.03

Appendix R continued.

NO.	LITERATURE TITLES	IAARD JOURNAL / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENT AGE
233	Visual and Olfactory Stimuli and Fruit Maturity Affect Trap Captures of Oriental Fruit Flies (Diptera: Tephritidae)					3					3	0.03
234	Wet seeded rice: water use efficiency, productivity and constraints to wider adoption	2	1								3	0.03
235	World Rice Market to 2025 and The Indonesian Rice Economy		1					2			3	0.03

## Appendix S.

**CITED AGRICULTURAL COMMODITIES OF IAARD BASED ON AGRICULTURAL SECTORS(1995-2010)**

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
<b>A</b>	<b>ANIMAL HUSBANDRY</b>											
1	Gallus gallus domesticus		12	117	73				5		207	3.84
2	Ovis aries			195	3						198	3.67
3	Bos primigenius		5	107	48			2	1	1	164	3.04
4	Bos taurus			41	5		1		28		75	1.39
5	Capra aegagrus hircus		2	61	6						69	1.28
6	Bovinae/Bovine		1	53	7						61	1.13
7	Duck		2	35	4						41	0.76
8	Ruminansia		1	25	1						27	0.5
9	Sus		4	18	1			1			24	0.44
10	Leucaena leucocephala		17								17	0.32
11	Bubalus bubalis			10	1			1			12	0.22
12	Canis lupus familiaris			10			2				12	0.22
13	Equus ferus caballus			12							12	0.22
14	Meleagris gallopavo			5	1			2			8	0.15
15	Felis catus			7							7	0.13
16	Rabbit			7							7	0.13
17	Alfalfa		1	2	1		1			1	6	0.11

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
18	Cat Fish		6								6	0.11
19	Coturnix ypsilophora		1	4	1						6	0.11
20	Waterfowl			5							5	0.09
21	Anser			2							2	0.04
22	Gliricidia sepium			2							2	0.04
23	Trifolium pratense		1				1				2	0.04
24	Turfgrass		1				1				2	0.04
25	Alcelaphus buselaphus			1							1	0.02
26	Bison bison			1							1	0.02
27	Bouteloua eriopoda		1								1	0.02
28	Damaliscus korrigum			1							1	0.02
29	Festuca arundinacea		1								1	0.02
30	Helix pomatia			1							1	0.02
31	Lolium perenne	1									1	0.02
32	Ovine			1							1	0.02
33	Passer			1							1	0.02
34	Polytrias indica					1					1	0.02
35	Sus scrofa			1							1	0.02
	<b>Total A.</b>	<b>1</b>	<b>56</b>	<b>725</b>	<b>152</b>	<b>1</b>	<b>6</b>	<b>6</b>	<b>34</b>	<b>2</b>	<b>983</b>	<b>18.22</b>
<b>B.</b>	<b>FISHERIES AND AQUACULTURE</b>											
36	Fish		13	2	45				8	7	75	1.39

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
37	Oreochromis niloticus		2		15						17	0.32
38	Shrimp		13	1				1			15	0.28
39	Sea Weed				12						12	0.22
40	Prawn		1					3	1		5	0.09
41	Channa marulloides		1								1	0.02
42	Coral Reef								1		1	0.02
43	Ctenolucius hujeta		1								1	0.02
44	Cyprinus carpio/ Carp		1								1	0.02
45	Lutjanus campechanus		1								1	0.02
46	Mackerel				1						1	0.02
47	Merlangius merlangus		1								1	0.02
48	Pangasius Jambal		1								1	0.02
49	Salmo salar		1								1	0.02
50	Sardine		1								1	0.02
51	Sardinella lemuru		1								1	0.02
52	Siganus vulpinus		1								1	0.02
53	Tridacna gigas							1			1	0.02
	<b>Total B.</b>	<b>0</b>	<b>39</b>	<b>3</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>7</b>	<b>137</b>	<b>2.54</b>
<b>C.</b>	<b>FOOD CROPS</b>											<b>0</b>
54	Oryza sativa	111	286	2	129	12	11	112	71	252	986	18.28
55	Glycine max	14	56	2	128	12	12	14	8	62	308	5.71

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
56	Zea mays	23	73	2	34	12	5	34	16	65	264	4.89
57	Solanum tuberosum	1	30		11	102	9	1	1	3	158	2.93
58	Arachis hypogaea	5	14		15	3	2	12		18	69	1.28
59	Triticum	8	36		1	2	6	4	2	6	65	1.21
60	Manihot esculenta	4	30	1	1		1	5		5	47	0.87
61	Sorghum bicolor	2	15		18		2	2		6	45	0.83
62	Ipomoea batatas		5	1	1	8	2	1		13	31	0.57
63	Vigna unguiculata	4	4			10	2			5	25	0.46
64	Vigna radiata		17		2	1		1		3	24	0.44
65	Legume	2	9		2	1	1			1	16	0.3
66	Metroxylon sagu		9	4			2				15	0.28
67	Food Crops		2	1	1		1		7		12	0.22
68	Millet	1	3		2	1	1	1		2	11	0.2
69	Solanum				7		3				10	0.19
70	Hordeum vulgare		4				1	1		2	8	0.15
71	Cajanus cajan		1		1					4	6	0.11
72	Grains	2	1		3						6	0.11
73	Cereal		2				2				4	0.07
74	Pistacia vera						1	3			4	0.07
75	Avena sativa									3	3	0.06
76	Pennisetum glaucum		3								3	0.06



Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
77	Triticosecale		2				1				3	0.06
78	Vicia faba						1	1		1	3	0.06
79	Colocasia esculenta		1							1	2	0.04
80	Secale cereale					2					2	0.04
81	Carya illinoensis						1				1	0.02
82	Chenopodiumgrain		1								1	0.02
83	Dioscorea						1				1	0.02
84	Dry Bean		1								1	0.02
85	Eugenia Uniflora				1						1	0.02
86	Ginkgo Biloba					1					1	0.02
87	Lupinus Albus		1								1	0.02
88	Maranta arundinacea				1						1	0.02
89	Plectranthus esculentus						1				1	0.02
90	Setaria Italica		1								1	0.02
	<b>Total C.</b>	<b>177</b>	<b>607</b>	<b>13</b>	<b>358</b>	<b>167</b>	<b>69</b>	<b>192</b>	<b>105</b>	<b>452</b>	<b>2140</b>	<b>39.67</b>
<b>D.</b>	<b>HORTICULTURAL COMMODITIES</b>											<b>0</b>
91	Musa acuminata		2	1	3	65	8				79	1.46
92	Allium cepa	2	5			60	1	3		3	74	1.37
93	Chrysanthemum indicum		15		3	55	1				74	1.37
94	Capsicum/ Chili	2	5		1	34		6	1		49	0.91
95	Solanum lycopersicum	1	21		4	1	10	11			48	0.89

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
96	Mangifera indica		1		3	27		16			47	0.87
97	Jasminum sambac					36	1				37	0.69
98	Malus domestica		5		8	11	4	6			34	0.63
99	Rosa					32	2				34	0.63
100	Carica papaya		3			26		2			31	0.57
101	Allium sativum		1			18	3	1		1	24	0.44
102	Brassica oleracea	1	3			14	3		2		23	0.43
103	Cucumis sativus		2		2	10	7	1			22	0.41
104	Dendrobium					18	1				19	0.35
105	Anthurium					16	1				17	0.32
106	Psophocarpus tetragonolobus				16						16	0.3
107	Capsicum annuum		1			12	1	1			15	0.28
108	Cucumis melo L.		8		1	4		2			15	0.28
109	Durio		10			3		1			14	0.26
110	Garcinia mangostana					4	2	8			14	0.26
111	Centella Asiatica						13				13	0.24
112	Sallaca edulis					5		8			13	0.24
113	Annona muricata/ Soursop					12					12	0.22
114	Dianthus caryophyllus		6			5	1				12	0.22
115	Phaseolus vulgaris	0	8	0	1	1	0	0	0	1	11	0.2
116	Vitis vinifera			1	1	4	3	2			11	0.2

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
117	Citrullus lanatus		1	8		1					10	0.19
118	Citrus sinensis		1			6		3			10	0.19
119	Pleurotus ostreatus		10								10	0.19
120	Mushroom		7					2			9	0.17
121	Persea americana		8				1				9	0.17
122	Lilium					7	1				8	0.15
123	Cucurbita		4			2	1				7	0.13
124	Passiflora edulis					7					7	0.13
125	Aloe vera			2				3	1		6	0.11
126	Asparagus					5	1				6	0.11
127	Bean		1			2	1			2	6	0.11
128	Daucus carota		2			2	1			1	6	0.11
129	Prunus					2	2	2			6	0.11
130	Solanum melongena		1		1	2		1		1	6	0.11
131	Cicer arietinum		1		1		2			1	5	0.09
132	Ananas comosus					2	2	1			5	0.09
133	Cymbidium					5					5	0.09
134	Lactuca sativa		3			2					5	0.09
135	Prunus persica		2			1	1	1			5	0.09
136	Raphanus sativus		1			4					5	0.09
137	Tagetes		5								5	0.09

## Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
138	Dianthus		3				1				4	0.07
139	Geranium					3	1				4	0.07
140	Ornamental Plant		4								4	0.07
141	Petunia				1			3			4	0.07
142	Sauropus androgynus			3	1						4	0.07
143	Tamarindus indica				2	2					4	0.07
144	Apium graveolens				1	1		1			3	0.06
145	Etlingera elatior					3					3	0.06
146	Gladiolus communis					1	2				3	0.06
147	Hisbiscus					1	2				3	0.06
148	Maranta leukoneura		1				2				3	0.06
149	Momordica charantia		1			2					3	0.06
150	Spathiphyllum					3					3	0.06
151	Alocasia Micholitziana						2				2	0.04
152	Arabidopsis						1			1	2	0.04
153	Cucurbita maxima		2								2	0.04
154	Fragaria ananassa		1			1					2	0.04
155	Garbera					2					2	0.04
156	Phalaenopsis					2					2	0.04
157	Pisum					1				1	2	0.04
158	Prunus dulcis						2				2	0.04

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
159	Spinacia oleracea		2								2	0.04
160	Taenophyllum					2					2	0.04
161	Tribal Bean		2								2	0.04
162	Zinnia Elegans		1							1	2	0.04
163	Abelmoschus esculentus						1				1	0.02
164	Actinidia deliciosa							1			1	0.02
165	Alstroemeria					1					1	0.02
166	Amaranth		1								1	0.02
167	Anethum graveolens							1			1	0.02
168	Aphelandra						1				1	0.02
169	Averrhoa carambola							1			1	0.02
170	Casuarina Equisetifolia	1									1	0.02
171	Cattleya					1					1	0.02
172	Ceratozamia Hildae						1				1	0.02
173	Cucurbita pepo		1								1	0.02
174	Cynara cardunculus		1								1	0.02
175	Dolichos Lablab L.		1								1	0.02
176	Ficus Benyamina					1					1	0.02
177	Gloriosa Superba						1				1	0.02
178	Lachenalia					1					1	0.02
179	Lansium domesticum							1			1	0.02

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
180	Morus					1					1	0.02
181	Mucuna pruriens		1								1	0.02
182	Nelumbo nucifera		1								1	0.02
183	Nyctanthes Arbotristis						1				1	0.02
184	Olea europaea						1				1	0.02
185	Oncidium					1					1	0.02
186	Pelargonium					1					1	0.02
187	Petroselinum hortense							1			1	0.02
188	Phaseolus lunatus				1						1	0.02
189	Polianthes Tuberosa						1				1	0.02
190	Pouteria sapota		1								1	0.02
191	Psidium guajava					1					1	0.02
192	Pyrus communis				1						1	0.02
193	Rosa rugosa							1			1	0.02
194	Salvia Canariensis					1					1	0.02
195	Schefflera Arbicola					1					1	0.02
196	Solenostemon					1					1	0.02
197	Spathoglottis					1					1	0.02
198	Tradescantia spathacea									1	1	0.02
199	Vanda					1					1	0.02
200	Vigna sesquipedalis	1									1	0.02

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
201	Viola tricolor					1					1	0.02
202	Volvariella		1								1	0.02
	<b>Total D.</b>	<b>8</b>	<b>168</b>	<b>15</b>	<b>52</b>	<b>561</b>	<b>95</b>	<b>91</b>	<b>4</b>	<b>14</b>	<b>1008</b>	18.69
<b>E.</b>	<b>ESTATE CROPS COMMODITIES</b>											
203	Piper nigrum	4	13		54	10	47		1		129	2.39
204	Nicotiana tabacum	1	4		3	40	38	6	2	4	98	1.82
205	Theobroma cacao	1	22		15	2	3	19	18		80	1.48
206	Gossypium hirsutum		3	2	9	6	57		1		78	1.45
207	Cocos nucifera		1	1	14	3	39	2	4		64	1.19
208	Anacardium occidentale		3		22	1	37				63	1.17
209	Elaeis guineensis	13	8	6	10	3	3	4	16		63	1.17
210	Saccharum officinarum	4	18		3	2	2	1	18	1	49	0.91
211	Citrus		17		1	16		8			42	0.78
212	Hevea brasiliensis	4	3		3		4	22	5		41	0.76
213	Zingiber officinale		1		22		17	1			41	0.76
214	Coffea robusta	4	1	1	3	7		8	7		31	0.57
215	Mentha		1		1		19	1			22	0.41
216	Camellia sinensis		4		10	2		1	3		20	0.37
217	Syzygium aromaticum				3	3	12	2			20	0.37
218	Ricinus communis						5	14			19	0.35
219	Pogostemon cablin				2		13				15	0.28

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
220	Curcuma Xanthorhiza						13				13	0.24
221	Morinda citrifolia			1	11		1				13	0.24
222	Macadamia		10		1		1				12	0.22
223	Pimpinella Pruatjan		6				3				9	0.17
224	Sonchus arvensis						8				8	0.15
225	Hibiscus sabdariffa						7				7	0.13
226	Hot Pepper		2			4		1			7	0.13
227	Medicinal Plants						7				7	0.13
228	Pinus		4			3					7	0.13
229	Vanilla planifolia				3		2	2			7	0.13
230	Beta vulgaris		2	2		2					6	0.11
231	Curcuma longa						5	1			6	0.11
232	Curcuma Zedoaria						1	5			6	0.11
233	Aleurites moluccana		1		4						5	0.09
234	Helianthus annuus			1		1	3				5	0.09
235	Piper Betle			4			1				5	0.09
236	Rhizophora/ Mangrove		5								5	0.09
237	Trifolium		2	1	1	1					5	0.09
238	Typhonium Flagelliforme						5				5	0.09
239	Andrographis paniculata			2	1		1				4	0.07
240	Brassica napus		2							2	4	0.07



Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
241	Ceiba pentandra					1	1	2			4	0.07
242	Cinnamomum						1	3			4	0.07
243	Juglans regia		2		1		1				4	0.07
244	Musa textilis						4				4	0.07
245	Azadirachta indica	1	1				1				3	0.06
246	Canavalia sericea		3								3	0.06
247	Cymbopogon citratus				3						3	0.06
248	Cymbopogon nardus					3					3	0.06
249	Ficus Deltoidea						3				3	0.06
250	Kaempferia galanga				1		1	1			3	0.06
251	Zingiber cassumunar				2		1				3	0.06
252	Abrus Precatorius				1		1				2	0.04
253	Albizzia		2								2	0.04
254	Branchystegia Spiciformis					2					2	0.04
255	Castanea dentata		1			1					2	0.04
256	Conifer		2								2	0.04
257	Eucalyptus					1	1				2	0.04
258	Kaempferia Rotunda							2			2	0.04
259	Medicago sativa		2								2	0.04
260	Picea		1							1	2	0.04
261	Pimpinella Alpina		1				1				2	0.04

## Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
262	Plantago Major					2					2	0.04
263	Polianthes tuberosa					2					2	0.04
264	Solanum khasianum				2						2	0.04
265	Zingiber Purpureum						2				2	0.04
266	Ageratum conyzoides				1						1	0.02
267	Alpinia					1					1	0.02
268	Alstonia angustiloba						1				1	0.02
269	Amomum compactum						1				1	0.02
270	Apocynaceae				1						1	0.02
271	Aquilaria malaccensis						1				1	0.02
272	Aromatic Plants		1								1	0.02
273	Caesalpinia sappan		1								1	0.02
274	Calamus								1		1	0.02
275	Ceropegia Bulbosa Roxb						1				1	0.02
276	Clotoria Ternate									1	1	0.02
277	Cornus sericea					1					1	0.02
278	Corydalis Ambigua		1								1	0.02
279	Costus Speciosus				1						1	0.02
280	Delbergia Retusa						1				1	0.02
281	Elettaria Cardamomun							1			1	0.02
282	Eurycoma Longifolia Jack						1				1	0.02

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
283	Hyacinthoides									1	1	0.02
284	Imperata Cylindrica		1								1	0.02
285	Jatropha				1						1	0.02
286	Lagerstroemia Parviflora						1				1	0.02
287	Linum usitatissimum		1								1	0.02
288	Myrica gale							1			1	0.02
289	Myristica fragrans				1						1	0.02
290	Origanum vulgare					1					1	0.02
291	Paederia Foetida						1				1	0.02
292	Panax ginseng		1								1	0.02
293	Pedaliium Murex					1					1	0.02
294	Phaleria Macrocarpa						1				1	0.02
295	Phylanthus urinaria				1						1	0.02
296	Piper Colobrinum		1								1	0.02
297	Plumbago Zeylanica					1					1	0.02
298	Podophyllum Peltatum							1			1	0.02
299	Robinia pseudoacacia						1				1	0.02
300	Rosmarinus officinalis					1					1	0.02
301	Talinum fruticosum						1				1	0.02
302	Terminalia Chebula					1					1	0.02
303	Trigonella Foenumgraccum									1	1	0.02

Appendix S continued.

NO.	AGRICULTURAL COMMODITIES	IAARD JOURNALS / OCCURRENCES									CUMMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JEP	JAE	JTP	OCCURENCES	PERCENTAGE
304	Vitex Trifolia						1				1	0.02
305	Zingiber							1			1	0.02
	<b>Total E.</b>	<b>32</b>	<b>155</b>	<b>21</b>	<b>212</b>	<b>125</b>	<b>384</b>	<b>110</b>	<b>76</b>	<b>11</b>	<b>1126</b>	<b>20.88</b>
	<b>Grand Total</b>	<b>218</b>	<b>1025</b>	<b>777</b>	<b>847</b>	<b>854</b>	<b>554</b>	<b>404</b>	<b>229</b>	<b>486</b>	<b>5394</b>	<b>100</b>

Appendix T

**IMPARTIAL PREVIEW OF IAARD JOURNALS**

NO.	IMPARTIAL PREVIEW	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Yes	8	5	12	12	17	10	10	5	17	96	13,41
2	No	27	56	30	95	39	32	36	10	55	380	53,07
3	No opinion	19	31	22	54	26	30	20	6	32	240	33,52
	<b>Total</b>	<b>54</b>	<b>92</b>	<b>64</b>	<b>161</b>	<b>82</b>	<b>72</b>	<b>66</b>	<b>21</b>	<b>104</b>	716	100

Appendix U

**RECOGNITION OF AUTHOR OF IAARD JOURNALS**

NO.	RECOGNIZED AUTHOR	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	None	5	20	6	12	13	6	13	7	5	87	12,00
2	< 50%	33	63	41	127	51	46	51	12	60	484	66,76
3	> 50%	15	8	16	19	18	19	18	2	39	154	21,24
	<b>Total</b>	<b>53</b>	<b>91</b>	<b>63</b>	<b>158</b>	<b>82</b>	<b>71</b>	<b>82</b>	<b>21</b>	<b>104</b>	725	100

## Appendix V

**CONFIDENCE OF IAARD JOURNALS**

NO.	TRUST	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	None				1					1	2	0,29
2	Some	19	41	33	52	36	28	23	12	33	277	40,09
3	All	29	48	29	103	45	42	39	10	67	412	59,62
	Total	48	89	62	156	81	70	62	22	101	691	100

## Appendix W

**ACCURACY OF IAARD JOURNALS**

NO.	ACCURACY	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor										0	0,00
2	Bad			1	2	5	3	2	2	2	17	2,77
3	Good	15	22	19	51	36	25	19	9	9	205	33,39
4	Very good	34	56	39	91	35	38	34	8	8	343	55,86
5	Excelence	3	11	6	10	5	2	8	2	2	49	7,98
	Total	52	89	65	154	81	68	63	21	21	614	100

## Appendix X

**CORRECTNESS OF IAARD JOURNALS**

NO.	CORRECTNESS	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor										0	0,00
2	Bad	15		1	1	4	1	3	3	1	29	3,83
3	Good	34	10	19	46	26	23	18	18	25	219	28,93
4	Very good	3	71	38	99	49	46	38	38	68	450	59,45
5	Excelence	3	12	6	12	4	2	5	5	10	59	7,79
	Total	55	93	64	158	83	72	64	64	104	757	100

## Appendix Y

**OBJECTIVENESS OF IAARD JOURNALS**

NO.	OBJECTIVENESS	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENT AGE
1	Poor						1		1		2	0,28
2	Bad	2		3	3	5		4		2	19	2,67
3	Good	16	21	18	50	25	24	17	11	31	213	29,96
4	Very good	35	60	36	94	49	44	40	9	64	431	60,62
5	Excelence	1	12	6	12	3	1	4		7	46	6,47
	Total	54	93	63	159	82	70	65	21	104	711	100

## Appendix Z

**CLARITY OF IAARD JOURNALS**

NO.	CLARITY	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor								1		1	0,14
2	Bad	2	1		2	5	2	2	1	2	17	2,39
3	Good	13	23	24	40	24	22	15	12	19	192	27,04
4	Very good	36	63	35	103	51	45	40	5	78	456	64,23
5	Excelence	2	6	5	14	2	2	5	2	6	44	6,20
	<b>Total</b>	<b>53</b>	<b>93</b>	<b>64</b>	<b>159</b>	<b>82</b>	<b>71</b>	<b>62</b>	<b>21</b>	<b>105</b>	<b>710</b>	<b>100</b>

## Appendix AA

**CONCISENESS OF IAARD JOURNALS**

NO.	CONCISENESS	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor		1		1	1		2	1	1	7	0,99
2	Bad	2	2	4	4	2	7		4	2	27	3,82
3	Good	21	36	30	72	37	31	29	10	43	309	43,77
4	Very good	30	51	25	73	37	30	28	5	56	335	47,45
5	Excelence	1	5	2	8	3	3	3		3	28	3,97
	<b>Total</b>	<b>54</b>	<b>95</b>	<b>61</b>	<b>158</b>	<b>80</b>	<b>71</b>	<b>62</b>	<b>20</b>	<b>105</b>	<b>706</b>	<b>100</b>



## Appendix AB

**EASY OF UNDERSTANDING OF IAARD JOURNALS**

NO.	EASY TO UNDERSTAND	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor										0	0,00
2	Bad	4	3	3	3	3	4	4	5	1	30	4,20
3	Good	19	35	26	37	21	21	27	11	17	214	29,93
4	Very good	29	55	29	100	57	42	30	5	75	422	59,02
5	Excelence	2	2	5	20	3	3	2		12	49	6,85
	Total	54	95	63	160	84	70	63	21	105	715	100

## Appendix AC

**CLARITY OF MEASUREMENT UNITOF IAARD JOURNALS**

NO.	CLARITY OF MEASUREMENT UNIT	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor				1	1		1			3	0,43
2	Bad	3		4	3	4	1	4	5	1	25	3,61
3	Good	14	39	23	56	33	29	29	8	32	263	38,01
4	Very good	29	46	30	84	44	33	22	6	64	358	51,73
5	Excelence	4	5	3	12	2	3	6	1	7	43	6,21
	Total	50	90	60	156	84	66	62	20	104	692	100

Appendix AD

**CURRENCY OF IAARD JOURNALS**

NO.	CURRENCY	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor								1		1	0,14
2	Bad	2	2	2	8	9	6	2	4	7	42	5,68
3	Good	20	33	33	64	39	38	19	11	37	294	39,73
4	Very good	30	50	50	75	31	22	34	4	54	350	47,30
5	Excelence	9	8	8	9	3	3	8	1	4	53	7,16
	Total	61	93	93	156	82	69	63	21	102	740	100

Appendix AE

**RELEVANCE OF IAARD JOURNALS**

NO.	RELEVANCY	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor	1									1	0,14
2	Bad	2	1	4	2	2		3	2		16	2,27
3	Good	14	22	12	42	26	23	26	8	28	201	28,47
4	Very good	32	60	38	102	49	43	29	11	67	431	61,05
5	Excelence	4	10	7	14	5	4	5		8	57	8,07
	Total	53	93	61	160	82	70	63	21	103	706	100

## Appendix AF

**ALL NECESSARY VALUES OF IAARD JOURNALS**

NO.	ALL NECESSARILY VALUES	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor										0	0
2	Bad	1		3	4	3	1	3	2	2	19	2,71
3	Good	16	46	29	63	45	36	26	13	37	311	44,43
4	Very good	28	40	26	79	32	32	29	5	59	330	47,14
5	Excelence	4	5	4	10	3	2	5	1	6	40	5,71
	Total	49	91	62	156	83	71	63	21	104	700	100

## Appendix AG

**COMPREHENSIVENESS VALUES OF IAARD JOURNALS**

NO.	COMPREHENSIVENESS	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENTAGE
1	Poor	1		1			1				3	0,43
2	Bad	5	14	7	13	6	4	4	6	4	63	8,96
3	Good	27	47	31	89	46	42	42	13	55	392	55,76
4	Very good	19	30	25	52	27	20	13	2	39	227	32,29
5	Excelence		2		5	1	2	3	1	4	18	2,56
	Total	52	93	64	159	80	69	62	22	102	703	100

## Appendix AH

**ADEQUACY VALUES OF IAARD JOURNALS**

NO.	SUFFICIENT	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENT AGE
1	Poor	1	1	1		1	1	1	1	1	8	1,13
2	Bad	4	8	8	16	7	7	4	3	3	60	8,51
3	Good	28	51	34	73	43	40	27	15	49	360	51,06
4	Very good	20	30	18	63	28	22	26	3	48	258	36,60
5	Excelence		2	2	5	2	2	4		2	19	2,70
	Total	53	92	63	157	81	72	62	22	103	705	100

## Appendix AI

**COVERAGE VALUES OF IAARD JOURNALS**

NO.	BREAD AND DEPTH	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENT AGE
1	Poor				1						1	0,14
2	Bad	2	10	11	14	10	11	5	4	7	74	10,56
3	Good	30	48	31	91	43	41	31	12	56	383	54,64
4	Very good	20	31	15	48	25	18	20	3	36	216	30,81
5	Excelence	1	3	3	5	2	2	6	1	4	27	3,85
	Total	53	92	60	159	80	72	62	20	103	701	100

## Appendix AJ

**RELIABILITY VALUES OF IAARD JOURNALS**

NO.	RELIABILITY VALUES	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENT AGE
1	Poor										0	0,00
2	Bad	2	23	2	4	1		1	1	1	35	4,11
3	Good	12	62	25	48	31	31	26	26	27	288	33,84
4	Very good	36	9	28	92	44	37	29	29	66	370	43,48
5	Excelence	3	94	6	17	7	4	8	8	11	158	18,57
	Total	53	188	61	161	83	72	64	64	105	851	100

Appendix AK

**OVER ALL TRUST VALUES OF IAARD JOURNALS**

NO.	OVER ALL SATISFACTION	IAARD JOURNALS									CUMULATIVE	
		TAN	JAS	JTV	JPP	HOR	TRI	JAE	JEP	JTP	FREQUENCIES	PERCENT AGE
1	Poor	1									1	0,14
2	Bad	3	5	6	7	6	4	2	3	1	37	5,35
3	Good	20	37	29	59	29	33	27	13	38	285	41,18
4	Very good	24	48	20	83	20	35	29	4	60	323	46,68
5	Excelence	6	4	6	10	6	1	6	1	6	46	6,65
	Total	54	94	61	159	61	73	64	21	105	692	100