

THESIS WRITING

1. Thesis Contents

The thesis should consist of the following in that order:

- Title page
- Certificate-I
- Certificate-II
- Acknowledgements
- Contents
- Abbreviations Used
- List of Tables/Figures/Plates
- Abstract
- Introduction (Chapter I)
- Review of Literature (Chapter II)
- Materials and Methods (Chapter III)
- Results and Discussion (Chapter IV)
- Summary and Conclusions (Chapter V)
- Literature Cited
- Appendices
- Brief Resume of the Student

TITLE OF THESIS

(IN BOLD & CAPITAL LETTERS)

THESIS

By

(Full name of the student in capital & bold letters)

(Admission Number)

Submitted to

(University Seal)

**BIHAR ANIMAL SCIENCES UNIVERSITY,
PATNA, BIHAR**

**In Partial fulfilment of the requirements
for the degree of**

**MASTER OF VETERINARY SCIENCE
IN**

(whatever is applicable)

(NAME OF THE DEPARTMENT)

(NAME OF THE DISCIPLINE)

Year

Or

DOCTOR OF PHILOSOPHY IN _____

(whatever is applicable)

(NAME OF THE DEPARTMENT)

(NAME OF THE DISCIPLINE)

Year

Name of Major Advisor: Department:

CERTIFICATE-I

This is to certify that the thesis entitled, “_____” (**Title of thesis in bold letters**) submitted in partial fulfilment of the requirements for the award of the degree of **Master of Veterinary Science in the discipline of** (**in bold letters**) of the faculty of Post-Graduate Studies, Bihar Animal Sciences University, Patna, Bihar is the bonafide research work carried out by (**Full name of the student in bold letters**) son/daughter of Sh. (Full name of mother & Father) under my supervision and that no part of this thesis has been submitted for any other degree or diploma.

The assistance and help received during the course of this investigation have been fully acknowledged.

(Signature & Name of the Major Advisor)

Place:

Date:

CERTIFICATE-II

This is to certify that the thesis entitled, “.....”
(Title of thesis in bold letters) submitted by
(Name of the student in bold letters + Admission Number) son/daughter of Shri
..... to the Bihar Animal Sciences University,
Patna, Bihar in partial fulfilment of the requirements for the degree of **Master of Veterinary
Science** in the discipline of **(in bold letters)** has been
approved by the Advisory Committee after an oral examination of the student in
collaboration with an External Examiner.

(Signature & Name)
Chairperson

(Signature & Name)
External Examiner

Advisory Committee _____
(Signature & Name)
Member

(Signature & Name)
Member

(Signature & Name)
Member

(Signature & Name)
Dean’s Nominee

Head of the Department

Dean, Postgraduate Studies

(new page)

ACKNOWLEDGEMENTS

**Place: Patna
student)**

Date:

(Signature & Name of the

(new page)

TABLE OF CONTENTS

| Chapter | Title | Page (give range) |
|---------|-------------------------------|-------------------|
| 1. | Introduction | |
| 2 | Review of Literature | |
| 3 | Materials and Methods | |
| 4 | Results and Discussion | |
| 5 | Summary and Conclusions | |
| | Literature Cited | |
| | Appendix(ces) | |
| | Brief Bio-data of the Student | |

(new page)

LIST OF TABLES

| Table No. | Title | Page |
|-----------|-------|------|
|-----------|-------|------|

(new page)

LIST OF FIGURES

| Fig. No. | Title | Page |
|----------|-------|------|
|----------|-------|------|

(new page)

LIST OF PLATES

| Plate No. | Title | Page |
|-----------|-------|------|
|-----------|-------|------|

Note: All photographs to be scanned and inserted with the text in running pages

Literature Citation

Citation Examples

The references in the text should be given as:

- For reference with a single author: Sharma (2006) or (Sharma 2006)
- For reference with two authors: Sharma and Verma (2006) or (Sharma and Verma 2006)
- For reference with three or more authors: Sharma et al. (2006) or (Sharma et al. 2006)
- While referring to more than one paper: (Sharma 2006; Verma 2006; Sharma et al. 2006) or as Sharma (2006), Verma (2006) and Sharma; et al. 2006.

Literature Cited

1. Referred Journals

Sharma PK. 2001. Cold formation-a serious problem for wheat cultivation in rice-wheat cropping system. *Journal of Agricultural Physics* 1: 76-79

Sharma PK and Kapur OC. 2005. Rainwater harvesting for enhancing crop productivity in hills. *Journal of Water Management* 12: 121-131

Sharma PK, Ladha JK, Verma TS, Bhagat RM and Padre AT. 2003. Rice-wheat productivity and nutrient status in a lantana (*Lantana spp.*) amended soil. *Biology and Fertility of Soils* 1; 37: 108-114.

Note: Give full name of the journal typed in italics.

2. Books/Book Chapters/Thesis

Paul EA and Clark EE. 1966. Soil Microbiology and Biochemistry. Academic Press, Inc.p 354.

Crips RW and Matocha JE. 1987. Effect of long-term tillage and cropping systems on soil physical properties. In: Proceedings of the Southern Regional No.-Tillage Conference (TJ Gerik and BD Harris, eds), College Station, Texas. P.84

Sharma PK, Ladha JK and Bhushan L. 2003. Soil physical effects of puddling in rice-wheat cropping systems. In: Improving the Productivity and Sustainability of Rice-Wheat Systems: Issues and Impacts (JK Ladha ;et al., eds.). ASA Special Publication Number 165. American Society of Agronomy, Inc. Madison, Wisconsin, USA. P 97-113

Verma S. 2006. Physical characterization of an acid Alfisol under maize-wheat cropping. Ph D Thesis, p 176. Department of Soil Science, Bihar Animal Sciences University, Patna, Bihar, India

3. Institution/Society Publications

Vander Heide WM, Tripp R and de Boef WS. 1996. Local Crop Development: an annotated bibliography. IPGRI (International Plant Genetic Resources Institute). Rome, Italy.

4. Government Publication

Chandel AS and Kamal RM. 1995. Dynamics of agricultural biotechnology: SAARC bibliographical database. Dhaka, Bangladesh.

5. Online citations to online-only journals and books should include the author(s), title, website and date of access.

John NA. Durability of available potash after application in soil
<http://soilsoc.org.usa>(20th October, 2008).

Note: The references in the 'Literature cited' should be arranged alphabetically (and chronologically under the given alphabet) but without numbers.

General Instructions

(Thesis may be written in Times Roman 12 pt font on Single/double side of paper in 1.5 space)

| | |
|-------------------------|--|
| Title of thesis | It should be exactly the same as approved in the synopsis |
| Introduction | It should be contained within 2-3 typed pages. Briefly introduce the problem highlighting its importance along with the proposed hypothesis. Avoid too many references. |
| Review of literature | Review the most relevant literature aspect wise. Give references under each aspect in chronological order, starting with the earliest ones. If there are more references involving the same aspect, give only a few important ones including the earliest and the latest. The review should not be too descriptive but concise and should have link from one aspect to another. The last para must conclude the research gaps that the proposed research would like to address. Avoid giving irrelevant references. |
| Materials and Methods | Give complete description of all experimental procedures employed. Give only the reference(s) in case of standard method(s) used. Describe new methods developed or improved in detail. Specify the instruments used, along with their make etc. |
| Results and Discussion | The data may be presented in tables, figures, illustrations, etc. Data given in the tables should not be repeated in figures. The data pertaining to figures should be given in tables as appendices. Small tables should be adjusted in the running text but others should be given separately and inserted appropriately. Photographs/sketches should be scanned and inserted in the text at appropriate places. Findings should be presented in an orderly and logical manner, and discussed simultaneously. Interpret the data presented in the results. Bring out clearly the conclusions by giving supporting evidence from published literature. Don't conceal the negative results but interpret them objectively. Cite relevant references. Give results in past tense; present tense may be used in discussion, giving sound reasoning. |
| Summary and Conclusions | Summarize the sections on Introduction, Materials and Methods, and Results and |

Discussion. Bring out clearly the conclusions by giving supporting evidence from published literature. The conclusions must be based on the objectives. No objective should go without conclusion.

Literature Cited
Brief Bio-data
of
student

As per details given above.

One-page bio-data of the student as per the format.

The format of the Bio-data of the Student

Brief Bio-data of the student

Name

Father's Name

Mother's Name

Date of Birth

Permanent Address

Academic Qualification
s:

(Starting with 10th Class)

10th Class: Month, Year; School; Board/University; Marks (%);
Division

12th Class

-do-

B.Sc. (Ag)/B.V. Sc./B.Sc. (Home
Science)/B.Sc. (Basic Sci.)
Month; College/Institute; University; Marks
(%)/OGPA; Division

M.Sc. (Ag)B.V. Sc./B. Sc.
(Home
Science)/M.Sc. (Basic
Science)
OGPA; Division

Ph.D./M.V. Sc.
(Discipline)

-do-

Thesis title in M.Sc. (applicable to Ph.D. students only)

Fellowships/Scholarships/Gold Medals/Awards/Any Other

Distinction

Year: Distinction

Year: Distinction, and so on

Publications: (Give numbers only)

Total:

Research papers (in peered journals):

Scientific Popular Articles:

Others:

Visits Abroad along with duration and purpose of visit:

1.

Abstract One-page note, highlighting very briefly the significance of the research project, treatments, important results (with few significant data) and conclusions. The matter should be printed in single space in prescribed format.

The format of the Abstract (One-page only)

Name of the Department
Bihar Animal Sciences University,
Patna, Bihar

Title of the thesis:

Name of the student:

Admission number:

Major discipline:

Minor discipline(s):

Date of thesis submission:

Total pages of the thesis:

Major Advisor:

ABSTRACT

Student

(Signature/Name/Date)

Major Advisor

(Signature/Name/Date)

Head of the Department

Note: The M.V.Sc. students shall submit 05 copies, copies, ten copies as the above format and five copies also as per the above format.

Paper and Typing

Use white bond paper of standard size (28 cm x 22 cm) for typing of thesis. Keep a margin of 3.5 cm on the both side, 2 cm on the right side, 2.5 cm on the top and 2.5 cm at the bottom to facilitate easy binding and reading. Thesis should be computer-printed in black ink using Times New Roman font or Aerial size 12 in 1.5 line-spacing on both sides of the paper. Photostat copies, if need be, should be made on bond papers only. Begin every chapter on a new page.

General

- Only the word ‘Thesis’ is to be used and not ‘Dissertation’, as both are synonymous words.
- There should be scientific impersonality, i.e. avoiding using the words: I, we you, me, my, our and us.
- Avoid giving sweeping statements and making exaggerated claims.
- The thesis should be written in past tense.
- The chapters should be numbered in capital Arabic numerals, as
 1. INTRODUCTION
 2. REVIEW OF LITERATURE
 3. MATERIALS AND METHODS
 4. RESULTS AND DISCUSSION
 5. SUMMARY AND CONCLUSIONS.

The headings under each chapter should be numbered as:

For chapter1: 1.1, 1.2 ,1.3

For Chapter2: 2.1, 2.2, 2.3..... and so on. The sub heading should be numbered as i, ii, ii, iv..... for Example:

2. REVIEW OF LITERATURE

Physical properties

Aggregation

i Dry aggregation

ii Wet aggregation

2.1.2 Bulk Density

i Wet bulk density

ii Dry bulk density, and so on.....

The sub heading should be numbered as a, b, c, and so on.

- The preliminaries (acknowledgement, Contents, List of Tables and Figures, etc.) should be numbered using small roman numerals (i, ii, iii...) and given at the bottom of page.
- Arabic numerals should be used for pages starting from Chapter 1. The pagination starting from Chapter 1 should be continuous including Literature Cited and Appendices. Page number should be given top right-hand corner of the page.
- Tables and figures should always follow their first mention in the text.

- Avoid using abbreviations or symbols in the text of the thesis. This may be shown in tables/figures and defined in footnotes.
- Use per cent in running matter and % in bracket.
- The colour of the cover page carrying the title of the thesis should be white/cream