CONTENTS

List of Figures and Tables iv
Acronyms and Abbreviations v
Acknowledgements vi
Abstract vii

1. Introduction 1
1.1. Background 1
1.2. Research Objectives 2
1.3. Structure of the Report 2

2. Role of Fertilisers in Transforming the Agricultural Economy and Food Security 3
2.1. Transforming Agriculture for Growth and Export Promotion 3
2.2. Maintaining Food and Nutrition Security 5

3. Demand-side Issues 7
3.1. Trends in Fertiliser Use 7
3.2. Fertiliser Use by Crops, Farm Size and Regions 8
3.3. Nutrient Use Efficiency 11
3.4. Micronutrient Deficiency 15
3.5. The Yield Gap 15
3.6. Key Constraints Affecting Fertiliser Use 16

4. Structure of the Fertiliser Industry 19
4.1. Trends in Fertiliser Supply 19
4.2. Role of the State in Improving Fertiliser Supply in the Country 21
4.3. Structure of the Fertiliser Industry 21
4.4. Structure of Importing Organisations 22
4.5. Cross-border Trade 23

5. Supply-side Issues 25
5.1. The Supply Chain 25
5.2. The Regulatory System 28
5.3. Key Constraints Affecting Fertiliser Supply 29

6. The Pricing Environment 31
6.1. Factors Affecting Fertiliser Prices 31
6.2. Profitability of Fertiliser Use 32
6.3. Availability of Market Information 34

7. Conclusion and the Way Forward 35
7.1. Summary of Key Issues 35
7.2. The Way Forward 36

References 37

CDRI Working Paper Series 41