

CONTENTS

1. Plant Proteins: The ABCs 1

APPLICATIONS

2. Use of Peanut and Cowpea Flours in Selected Fried and Baked Foods 8
3. Use of Field-Pea Flours as Protein Supplements in Foods 19
4. Applications of Vegetable Food Proteins in Traditional Foods 32
5. Uses of Soybeans as Foods in the West with Emphasis on Tofu and Tempeh 45
6. Incorporation of Cottonseed into Foods for Humans 61
7. Addition of Soy Proteins to Meat Products 74
8. Use of Soy Proteins Products in Injected and Absorbed Whole Muscle Meats 90

BIOLOGICAL EFFECTS

9. Effect of Dietary Protein On Skeletal Integrity in Young Rats 100
10. Effects of Protein Sources on the Utilization of Trace Minerals in Humans 108
11. Protein-Procyanidin Interaction and Nutritional Quality of Dry Beans 126
12. Acceptability and Tolerance of a Corn-Glandless Cottonseed Blended Food
by Haitian Children 138
13. Influence of Animal and Vegetable Protein on Serum Cholesterol,
Lipoproteins, and Experimental Atherosclerosis 150
14. Mortality among Seventh-Day Adventists in Relation to Dietary Habits and Lifestyle 162

CHEMISTRY COMPOSITION

15. Composition and Functionality of Protein, Starch, and Fiber from Wet
and Dry Processing of Grain Legumes 176
16. Processing and Use of Dry, Edible, Bean Flours in Foods 190
17. Winged Bean as a Source of Protein: Recent Advances 206
18. Tropical Seeds, Legumes, Fruits, and Leaves as Sources of Protein 220
19. Protein of the Sweet Potato 234
20. Cucurbit Seed Protein and Oil 249
21. Protein-Nitrogen Conservation in Fresh Stored Dioscorea Yams 261

INDEXES

- Author Index 275
Subject Index 275