

CONTENTS

	Page
1. INTRODUCTION	1
2. REVIEW OF LITERATURE	3
3. MATERIALS AND METHODS	17
4. RESULTS AND DISCUSSION	23
4.1. Number of days to first flower bud anthesis	23
4.2. Weight of green pod	34
4.3. Net weight percentage	44
4.4. Number of pods/plant	44
4.5. Number of seeds/pod	59
4.6. Total yield of green pods/plant	64
4.7. Total yield of dry seeds/plant	75
4.8. Total protein content of green seeds	81
4.9. Total sugars content in green seeds	89
4.10. Maximum number of days for green pod storage under room temperature	96
4.11. Maximum number of days for green pod storage under low temperature	107
5. SUMMARY AND CONCLUSION	115
6. REFERENCES	121
7. ARABIC SUMMARY	