

CONTENTS

Subject	Page
1-INTRODUCTION.....	1
2-REVIEW OF LITERATURE.....	1
3-MATERIALS AND METHODS.....	21
4-RESULTS AND DISCUSSION.....	28
 4.1. Experiment I:	
Effect of pollen grain sources on palm fruiting and date quality of Hallawy and Khadrawy date palm.....	28
 4.2. Experiment II:	
Leaf : bunch ratio in relation to palm fruiting and date quality of Hallawy and Khadrawy date palm cvs	53
 4.3. Experiment III:	
Date chemical thinning in relation to palm cropping and date quality.....	68
 4.4. Experiment IV:	
Monthly changes in pinnae mineral content of Hallawy and Khadrawy date palm cvs.....	81
5- SUMMARY AND CONCLUSION.....	92
6-LITERATURE CITED.....	103
7-ARABIC SUMMARY.....	