STUDIES ON PRODUCTION OF SOME ASPARAGUS HYBRIDS

Asparagus officinalis L.

By

MOHAMED MOUNER ABO BAKR

B.Sc. Agric. (Horticulture) Ain Shams Univ. 1991

A thesis submitted in partial fulfillment

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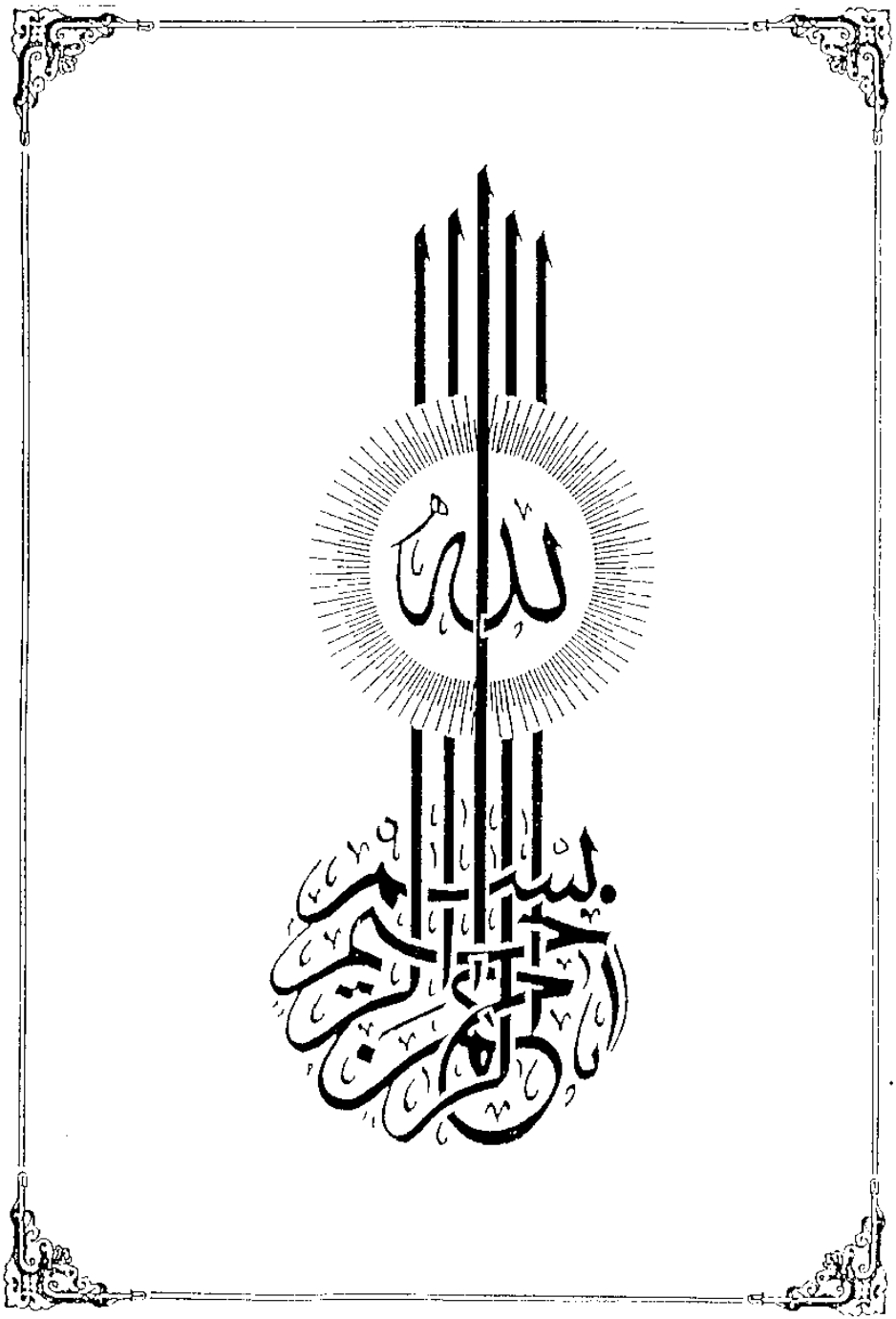

APPROVAL SHEET

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ABSTRACT

Mohammed Mouner Abo-Baker Studies on. Production of Some Asparagus Hybrids *(Asparagus officinalis L.)* Published for Master of Science - Ain Shams Unversity, Faculty of Agriculture, Department of Horticulture, 1997.

This study was carried out at the strawberry and non-Traditional Horticultural Crops Research Station, South Tahreer, Behera Governorate during the two successive seasons, 1993-1994 and 1994-1995 .

The objective of this work was to produce local hybrids of Arparagus plant resistant to asparagus rust disease, high yield and good quality. Some cultivars were evaluated to be used in production of local hybrids. Jersey Giant selected to be used as a male parent and both of UC 157 and Brocks Imperial were used as female parents. Two hybrids were obtained namely No.1 and No.2 can be both of them considerd a promising asparagus hybrids, It was clear from results that two local hybrids showed good seedling vigor and resistance to rust disease. That is may be a good indication to high yield in future evaluation included also three new imported hybrids and there was no significant differences between the local produced hybrids and the new imported hybrids .

Key words: Asparagus, Cultivars, hybrids production, Asparagus rust disease.

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CONTENTS

LIST OF TABLES