

REVIEW OF LITERATURE

AN INVESTIGATION INTO SOME ASPECTS OF
WET SEASON TOMATO PRODUCTION
IN TRINIDAD

P A R T I

AN INVESTIGATION OF THE RESPONSE OF TOMATOES
TO FOLIAR APPLICATIONS OF SUCROSE AND
FLORAL APPLICATIONS OF B-NAPHTHOXYACETIC ACID

I N T R O D U C T I O N

Wet season production of tomatoes in Trinidad is notoriously hazardous, and yields are often so low that no economic return can be obtained. Two factors, besides disease, commonly ascribed as the cause of these low yields are high night temperatures which result in a restricted supply of carbohydrates to the flowers and fruit, and abscission caused by insufficient auxin production (Hall). The purpose of this work was to discover whether yields could be increased by the application of sucrose solution to the leaves, or by application of B-naphthoxyacetic acid to the flower trusses, and to make some enquiry into the function of these two substances.