

RESEARCH PROJECTS FOR THE 1985/86 FINANCIAL YEAR

The research project for the current financial year was approved by the Research Committee and the Management Committee of SAAGA along the lines as set out below.

SUBJECT	PEOPLE RESPONSIBLE
Economic evaluation of cultivar selection strategies	Prof J A Groenewald (UP) & MSc student
Packing, stacking containers and cooling	Mr Boelema (CSIR), N Burelli (SAAGA) L Vorster & Dr J J Bezuidenhout (Westfalia)
Plant Improvement:	Prof J M Kotzé (UP) (Co-ordinating)
Identification of cultivars	C Partridge (SAAGA)
Evaluation of rootstock/scion combinations	L Korsten (UP)
Virus infection and incompatibility	
Parent trees	
Importations	
Soil studies, relating to fruit quality and calcium requirements of avocado soil	Prof R O Barnard (UP), Prof P Fouché (Univ of the North)
Yield estimates and predictions	S Köhne (Westfalia)
Nursery:	
Budwood vigour, survival and availability	Prof B N Wolstenholme (UN)
Indexing for viruses in parent trees	Dr M Bar-Joseph, Prof J M Kotzé, L Korsten, L Haycock (UP)
Sunblotch indexing in parent trees	Dr M Bar-Joseph, Prof J M Kotzé, L Korsten (UP)
Research on better techniques	Dr M Bar-Joseph
Research on distribution and strains	Dr M Bar-Joseph
Duke 6 phenomenon	L Korsten (UP)
Insect:	
Ecological studies	F Honiball (Consultant)
Guidelines for control	
Horticultural:	
Growth manipulations: Pruning, training, ringbarking, hormones, growth regulators and spacing	S Köhne (Westfalia)
Dwarfing Fruit: leaf ratio	
Pollination and fruit set	Dr L A Coetzer (UP)
Root rot:	
Root pathogens, chemical and biological control	Dr J M Darvas (Letaba), J C Toerien & Dr J J Bezuidenhout (Westfalia)
Basics of plant resistance and chemical control	Prof F J Rijkbergen & T A S Aveling (UN)
Monitoring P-compounds	Dr J J Bezuidenhout (Westfalia)
Control of Fruit Diseases:	
Evaluation of fungicides	Du Pont, Agricura
Prediction of disease outbreaks	F Denner, Prof J M Kotzé (UP)
Ecological studies	F Denner, Prof J M Kotzé (UP)
Residue studies:	
Removal of spray residues	Prof J M Kotzé (UP)
Low volume and ULV applications	A Heyns
Liquid formulations	Du Pont, Agricura
Control of anthracnose	W le Roux (FBC)
Fruit physiology:	
Controlled Atmosphere	CSFRI, Westfalia
Hormonal and nutritional	Prof A H P Engelbrecht (RAU)
Temperature studies	Mr Boelema, (CSIR)
Suffocation	L Vorster (Westfalia)
Temperature regimes	J C Toerien in co-operation with CSFRI & FFRI