

PORIM ELITE POLLEN

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INTRODUCTION

The commercial oil palm planting material, D×P, or known as *tenera* is produced by crossing largely *Deli duras* with selected *pisiferas*.

There are a number of *pisifera* sources for seed production. One of the popular sources is AVROS population (*Figure 1*).

PROGENY-TESTING

PORIM has progeny tested the AVROS pollen intensively. A trial was laid down at Klang in 1978. Extensive data on yield, bunch analysis and vegetative measurements were recorded.

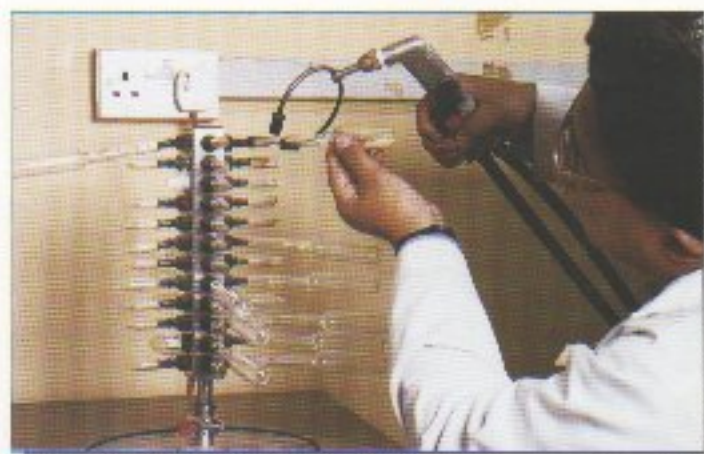
TABLE 1. PERFORMANCE (FFB) OF D × P PROGENIES OF AVROS *pisifera* GROUPS OVER THE YEARS.

<i>Pisifera</i> group	FFB Yield (kg/ha/yr)						Mean over years
	1981	1982	1983	1984	1985	1986	
1	152	146	223	223	211	170	204
2	152	262	225	196	209	182	204
3	157	230	214	202	201	171	196
4	167	246	224	220	214	178	208
5	148	275	233	233	223	188	217
6	156	242	187	197	195	144	187
7	154	241	200	184	195	177	192
8	176	257	225	220	219	195	215
9	145	229	162	205	185	152	180

ROYALTY

PORIM will receive a royalty of 10% of the sale price of a germinated seed for the use of PORIM AVROS pollen of good quality and combining ability.

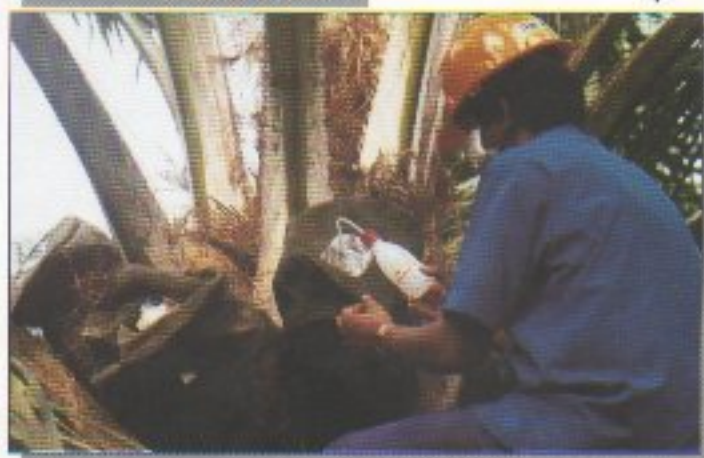
Performance (FFB) of D × P progenies of AVROS *pisifera* groups



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Pollen is kept in ampoule tube for storage

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AVROS *pisifera* male inflorescence

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Crossing programme using *Deli dura* and AVROS pollen for commercial seed production.



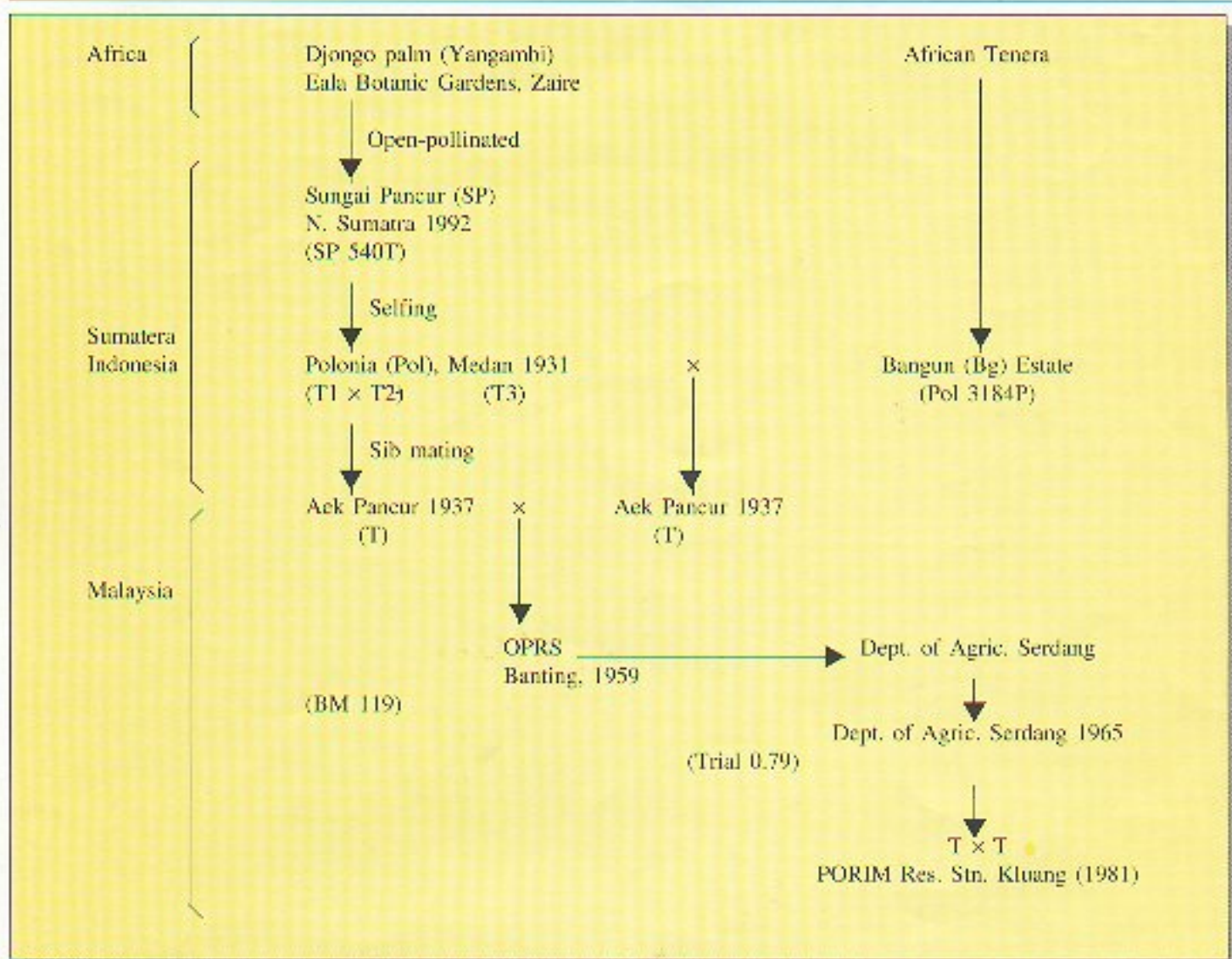


Figure 1. Origin of AVROS pisifera

SUPPLY OF POLLEN

PORIM supplies AVROS pollen which combines well with *Deli duras* for seed production to the industry.

REFERENCES

Rajanaidu, N; Rao, V and Abdul Halim, H (1990). Progress of Serdang Elmina and Serdang Avenue *Deli dura* Breeding Population. pp. 7 – 80. *Proc. of Workshop on Progress of Oil Palm Breeding Populations*. Palm Oil Research Institute of Malaysia.



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