

CONTOH

SASARAN KERJA TAHUNAN  
PEGAWAI PENYELIDIK  
MARDI

**BAHAGIAN I- Penetapan Sasaran Kerja Tahunan**  
*(PYD dan PPP hendaklah berbincang bersama sebelum menetapkan SKT dan petunjuk prestasinya)*

Bil.	Ringkasan Aktiviti / Projek (Senaraikan aktiviti / projek)	Petunjuk Prestasi (Kuantiti / Kualiti / Masa / Kos)
<b>A. PELAKSANAAN PROJEK</b>		
1.	<p><b>Development of papaya varieties with improved storage life and papaya ringspot virus (PRSV) disease resistance (IRPA and ISAAA)</b></p> <p>(i) <i>Agrobacterium tumefaciens</i> transformation</p> <p>(ii) Co-Transformation of somatic embryos of both Eksotika 1 and 19 with coat protein gene of PRSV via particle bombardment</p> <p>(iii) Transformation of somatic embryos of both eksotika and line 19 with caPACO1AS, antisense gene construct for Eksotika papaya ACC oxidase gene</p>	<p><u>Kuantiti</u></p> <ul style="list-style-type: none"> <li>• 1 penyelidikan</li> </ul> <p><u>Masa</u></p> <ul style="list-style-type: none"> <li>• 3 bulan kajian awal</li> <li>• 3 bulan</li> </ul>
2.	<p><b>Improvement of Orchids and Tulips through genetic engineering</b></p> <p>(i) Transformation of protocorms of <i>Dendrobium Savin White</i> with anti sense construct for Orchid ACC oxidase and herbicide resistant gene</p> <p>(ii) Analysis of putative transformants by PCR and Southern Blotting</p>	<p><u>Masa</u></p> <ul style="list-style-type: none"> <li>• 3 bulan kajian awal</li> <li>• 3 bulan</li> </ul>
3.	<p><b>Control of ripening in papaya and mango by genetic engineering (ACIAR 9445)</b></p> <p>contransformation of somatic embryos of Eksotika 1 and Line 19 with anti sense construct of Australian Capac II papaya ACC synthase using particle bombardment.</p>	<p><u>Masa</u></p> <ul style="list-style-type: none"> <li>• 3 bulan kajian awal</li> <li>• 3 bulan</li> </ul>

**B. PUNGUTAN, PENTERJEMAHAN ANALISIS DAN DOKUMENTASI PENEMUAN PENYELIDIKAN**

4.	<p><b>Menyediakan laporan dan status penjanaan berasaskan projek / ujikaji:</b></p> <p>(i) <b>Umi K Abu Bakar, Vilasini Pillai, Lam Peng Fatt, Chan Ying Kwok, Fauziah Muda, Ong Ching Ang and Hassan Mat Daud</b></p> <p>Genetic Engineering for Delayed Ripening of papaya in Malaysia: Status of Research and Future Strategies, paper Presented at Papaya Biotechnology Network of SEAsia: Delayed Ripening Papaya Meeting, Port Dickson, Malaysia 2-3 Oktober 2000.</p> <p>(ii) <b>Umi K Abu Bakar, Vilasini Pillai, Ong Ching Ang, Chan Ying Kwok, Hassan Mat Daud and Lam Peng Fatt</b></p> <p>Status of PRSV Resistant and Delayed Ripening papaya Research in MARDI Papaya Biotechnology Network of SEAsia Coordination meeting, Bangkok, Thailand 15 -16<sup>th</sup> May 2000.</p>	<p><b>Masa</b> 1 bulan</p> <p><b>Kualiti</b> Dapat dibentangkan dengan jayanya di Forum berkenaan</p>
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Tandatangan PYD

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