# DAFTAR ISI

<table>
<thead>
<tr>
<th>Halaman</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEMBAR PENGESAHAN</td>
</tr>
<tr>
<td>LEMBAR PERNYATAAN</td>
</tr>
<tr>
<td>ABSTRAK</td>
</tr>
<tr>
<td>ABSTRACT</td>
</tr>
<tr>
<td>RIWAYAT HIDUP</td>
</tr>
<tr>
<td>KATA PENGANTAR</td>
</tr>
<tr>
<td>DAFTAR ISI</td>
</tr>
<tr>
<td>DAFTAR TABEL</td>
</tr>
<tr>
<td>DAFTAR GAMBAR</td>
</tr>
<tr>
<td>DAFTAR LAMPIRAN</td>
</tr>
<tr>
<td>BAB 1 PENDAHULUAN</td>
</tr>
<tr>
<td>1.1 Latar Belakang</td>
</tr>
<tr>
<td>1.2 Rumusan Masalah</td>
</tr>
<tr>
<td>1.3 Tujuan Penelitian</td>
</tr>
<tr>
<td>1.4 Kegunaan Penelitian</td>
</tr>
<tr>
<td>1.5 Kerangka Pemikiran</td>
</tr>
<tr>
<td>1.6 Hipotesis</td>
</tr>
<tr>
<td>BAB II TINJAUAN PUSTAKA</td>
</tr>
<tr>
<td>2.1 Kacang Hijau (Vigna radiata L.)</td>
</tr>
<tr>
<td>2.2 Ulat Grayak (Spodoptera litura F)</td>
</tr>
<tr>
<td>2.3 Tanaman Paitan (Thitonia diversifolia)</td>
</tr>
<tr>
<td>BAB III BAHAN DAN METODE</td>
</tr>
<tr>
<td>3.1 Tempat dan Waktu Penelitian</td>
</tr>
<tr>
<td>3.2 Bahan dan Alat</td>
</tr>
<tr>
<td>3.3 Metode Penelitian</td>
</tr>
<tr>
<td>3.3.1 Rancangan Percobaan</td>
</tr>
<tr>
<td>3.3.2 Rancangan Perlakuan</td>
</tr>
</tbody>
</table>
3.3.3 Rancangan Analisis ................................................................. 25
3.3.4 Rancangan Respon ............................................................... 27
3.5 Pelaksanaan Penelitian ............................................................ 29
BAB IV PEMBAHASAN .................................................................. 33
4.1 Pengamatan Penunjang ............................................................ 33
  4.1.1 Keadaan Umum Lapangan .................................................... 33
  4.1.2 Suhu dan Kelembaban ......................................................... 33
  4.1.3 Organisme Pengganggu Tanaman (OPT) lain yang menyerang .. 34
4.2 Pengamatan Utama ................................................................. 35
  4.2.1 Persentase Mortalitas (%) ...................................................... 35
  4.2.2 Intensitas Serangan Ulat Grayak (%) ................................. 37
  4.2.3 Jumlah Polong Pertanaman (buah) ...................................... 49
  4.2.4 Berat Biji Segar Pertanaman (g) ....................................... 40
BAB V SIMPULAN DAN SARAN .................................................. 42
  5.1 Simpulan ................................................................................ 42
  5.2 Saran ..................................................................................... 42
DAFTAR PUSTAKA ........................................................................ 44
LAMPIRAN .................................................................................... 49