

## LAMPIRAN

Hasil kuisioner dengan perusahaan.

**KUISIONER LAPORAN KERJA PRAKTIK  
DENGAN METODE HOUSE OF RISK**

---

KUESIONER HOR FASE I

Assalamualaikum Wr. Wb.  
Perkenalkanlah saya mahasiswa jurusan Teknik Industri Universitas Muhammadiyah Gresik, dengan kuisioner ini meminta kesedian Bapak/Ibu untuk berpartisipasi dalam mengisi kuisioner ini. Penelitian ini digunakan untuk menyusun tugas akhir dengan judul "ANALISIS RISIKO PADA RANTAI PASOK PUPUK KIMIA dengan Metode HOR (House of Risk)". Atas waktu dan kesediannya saya ucapkan terima kasih, semoga penelitian ini bermanfaat bagi kita semua.

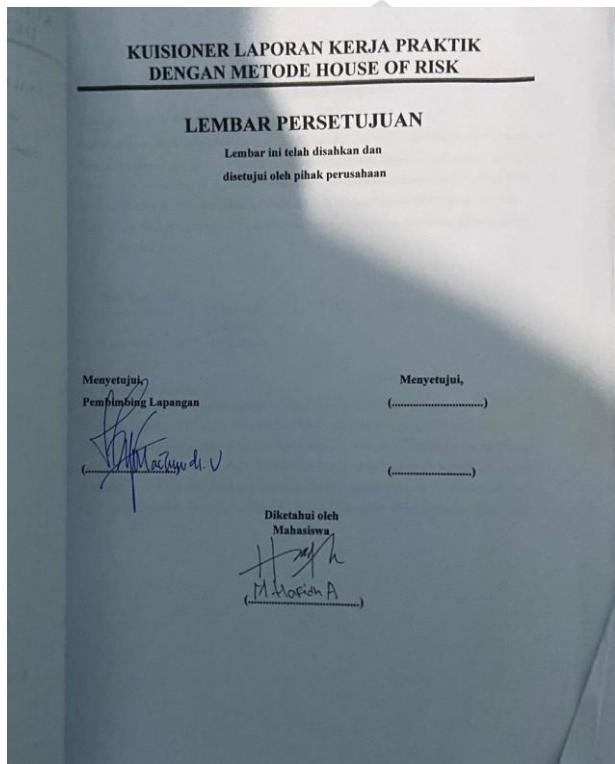
**I. Data Responden**

|                |   |            |
|----------------|---|------------|
| Nama : Jabatan | : | EPICO Batu |
| Divisi         | : | Duren      |
| Lama Kerja     | : | 4 Tahun    |

**A. Penilaian Severity**  
(Tingkat Keparahan) Risiko Setiap aktivitas dari rantai pasok produk pupuk compound di PT. Hanampi Sejahtera Kaburiran telah diidentifikasi dan diketahui masing-masing risk event (risiko kejadian) berdasarkan observasi dan wawancara yang telah dilakukan di pertemuan sebelumnya. Pada tahapan ini, risk event (risiko kejadian) akan dinilai oleh expert / risk owner berdasarkan nilai severity (tingkat keparahan). Berikut adalah panduan pengisian kuisioner penilaian risk event (risiko kejadian) berdasarkan skala dari nilai severity (tingkat keparahan):

————— { 3 } —————

## Tanda tangan pihak responden



SCOR

| proses   | aktivitas                           | code |
|----------|-------------------------------------|------|
| Plan     | Perencanaan produksi                | C1   |
|          | Perencanaan dalam menentukan jadwal | C2   |
|          | Perhitungan bahan baku              | C3   |
| Source   | Pembelian bahan baku                | C4   |
|          | Proses produksi                     | C5   |
| Make     | Pengujian pupuk di Lab              | C6   |
| Delivery | Distribusi pupuk                    | C7   |
|          | Pengembalian barang ke suplier      | C8   |

Severity

| Skala | Dampak         | Keterangan                |
|-------|----------------|---------------------------|
| 1     | Tidak ada      | Tidak ada efek            |
| 2     | Sangat sedikit | Sangat sedikit efek       |
| 3     | Sedikit        | Sedikit efek              |
| 4     | Sangat rendah  | Sangat Rendah berpengaruh |
| 5     | Rendah         | Rendah berpengaruh        |
| 6     | Sedang         | Efek sedang               |
| 7     | Tinggi         | Tinggi berpengaruh        |
| 8     | Sangat tinggi  | Efek sangat tinggi        |
| 9     | Serius         | Efek serius               |
| 10    | Berbahaya      | Efek berbahaya            |

HOR 1

• Plan

| Proses | Aktivitas                                       | Risk events<br>(Kejadian risiko)                               | Kode | Severity<br>(Tingkat keparahan) |
|--------|---|--|------|---------------------------------|
| Plan   | Perencanaan proses produksi                     | Kesalahan rencana produksi                                     | E1   | 5                               |
|        |   | Kesalahan perencanaan dan pengendalian pada peralatan produksi | E2   | 3                               |
|        | Perencanaan dalam mementukan jadwal maintenance | Kesalahan jadwal maintenance                                   | E3   | 6                               |
|        | Perhitungan kebutuhan bahan                     | Kesalahan perhitungan dalam perencanaan kebutuhan bahan baku   | E4   | 2                               |
|        |   | Bahan baku tidak ada sehingga produksi tidak bisa dilakukan    | E5   | 5                               |

• Source

| Proses | Aktivitas            | Risk events<br>(Kejadian risiko)              | Kode | Severity<br>(Tingkat keparahan) |
|--------|----------------------|---|------|---------------------------------|
| Source | Pembelian bahan baku | Pembelian bahan baku tidak datang tepat waktu | E6   | 5                               |
|        |                      | Bahan yang di terima tidak sesuai             | E7   | 6                               |
|        |                      | Bahan tidak sesuai dengan spek yang di pesan  | E8   | 5                               |
|        |                      | Terdapat bahan baku yang rusak                | E9   | 8                               |
|        | Pupuk                | Kualitas pupuk kurang baik                    | E10  | 6                               |
|        |                      | Bahan kimia pupuk tercemar                    | E11  | 3                               |

• Make

| Proses | Aktivitas           | Risk events<br>(Kejadian risiko)                   | Kode | Severity<br>(Tingkat keparahan) |
|--------|---------------------|--|------|---------------------------------|
| Make   | Proses produksi     | Terjadi keterlambatan dalam proses produksi        | E12  | 5                               |
|        |                     | Mesin rusak  | E13  | 5                               |
|        |                     | Kecelakaan kerja                                   | E14  | 5                               |
|        |                     | Sering gagal                                       | E15  | 3                               |
|        |                     | Pupuk yang salah jadi kadang tidak sesuai kualitas | E16  | 6                               |
|        | Pengujian pupuk NPK | Terjadinya kesalahan dalam proses pengujian pupuk  | E17  | 5                               |

• Delivery

| Proses   | Aktivitas                  | Risk event<br>(Kejadian risiko)            | kode | Severity<br>(Tingkat keparahan) |
|----------|----------------------------|--|------|---------------------------------|
| Delivery | Pengacakan kualitas produk | Tidak dilakukan pengorekan kualitas produk | E18  | 5                               |

• Return

| Proses | Aktivitas                       | Risk event<br>(kejadian risiko)   | kode | Severity<br>(tingkat keparahan) |
|--------|---------------------------------|-----------------------------------|------|---------------------------------|
| Return | Pengembalian barang ke supplier | Barang yang di pesan tidak sesuai | E19  | 4                               |

Occurance

| Skala | Tingkat Probabilitas Kejadian | Deskripsi (Dalam kurun waktu 3 bulan) |
|-------|-------------------------------|---------------------------------------|
| 1     | Tidak ada                     | Hampir tidak pernah terjadi           |
| 2     | Sangat Kecil                  | Jumlah kejadian sangat kecil sedikit  |
| 3     | Kecil                         | Jumlah kejadian kecil sedikit         |
| 4     | Sangat Rendah                 | Jumlah kejadian sangat rendah         |
| 5     | Rendah                        | Jumlah kejadian rendah                |
| 6     | Sedang                        | Jumlah kejadian sedang                |
| 7     | Cukup Tinggi                  | Jumlah kejadian cukup tinggi          |
| 8     | Tinggi                        | Jumlah kejadian tinggi                |
| 9     | Sangat Tinggi                 | Jumlah kejadian sangat tinggi         |
| 10    | Hampir Selalu                 | Hampir selalu terjadi                 |

Plan

| Proses | Aktivitas                                     | Risk agent (nomer risiko)                        | Kode | Occurance (tingkat kejadian) |
|--------|---|--|------|------------------------------|
| Plan   | Perencanaan proses produksi                   | Keterlambatan data produksi                      | A1   | 3                            |
|        |   | Kurangnya ketelitian dalam perhitungan matematis | A2   | 4                            |
|        | Penerapan dalam menentukan jadwal maintenance | Keterlambatan dalam jadwal maintenance           | A3   | 4                            |
|        | Perhitungan keterlambatan buku                | Keterlambatan perkiraan keterlambatan buku       | A4   | 4                            |
|        |   | Buku buku sulit di cari                          | A5   | 5                            |

Source

| Proses | Aktivitas            | Risk agent (nomer risiko)  | Kode | Occurance (tingkat kejadian) |
|--------|----------------------|----------------------------|------|------------------------------|
| Source | Pembelian bahan baku | Kehilangan supplier        | A6   | 6                            |
|        |                      | Kerusakan saat penyimpanan | A7   | 5                            |
|        | Pupuk                | Pupuk tidak matara jadi    | A8   | 5                            |
|        |                      | Pupuk gagal ter coating    | A9   | 7                            |

Make

| Proses | Aktivitas                        | Risk agent (nomer risiko)                | Kode | Occurance |
|--------|----------------------------------|--|------|-----------|
| Make   | Proses produksi                  | Pipes berlubang                          | A10  | 5         |
|        |                                  | Lama produksi                            | A11  | 5         |
|        |                                  | Kesalahan pengjadwalan maintenance       | A12  | 5         |
|        | Proses produksi tidak sesuai SOP | Proses produksi tidak sesuai SOP         | A13  | 4         |
|        |                                  | Tidak memakai APD                        | A14  | 4         |
|        |                                  | Tidak menggunakan SOP                    | A15  | 4         |
|        |                                  | Kesalahan dalam mengikuti kualitas pupuk | A16  | 5         |
|        |                                  | Kesalahan pada sistem buku kemasan pupuk | A17  | 5         |
|        | Pengujian kemasan pupuk          | Kemasan rusak                            | A18  | 7         |

Delivery

| Proses   | Aktivitas | Risk agent (Sumber risiko) | Kode | Occurance (tingkat kejadian) |
|----------|-----------|----------------------------|------|------------------------------|
| Delivery | Pupuk     | Produk berjamur            | A19  | 5                            |
|          |           | Produk tidak dapat dipakai | A20  | 6                            |

Return

| Proses | Aktivitas                      | Risk agent (Sumber risiko) | Kode | Occurance (tingkat kejadian) |
|--------|--------------------------------|----------------------------|------|------------------------------|
| Return | Pengambilan barang ke supplier | Kesulitan                  | A21  | 5                            |

| DATA PENDUKUNG KERJA PRAKTEK   |               |         |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
|--|---------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|----------|-------|--|--|--|--|--|--|--|--|--|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---|------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|---|----|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|---|-----|---|---|---------|---------|---------|---------|---------|--------|---------|--------|-------|-----------|-------|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|---|-----|--------|---------|---------|---------|---------|---------|---------|---------|-------|---------|---------|---------|-----------|---|--------|---|-----|--------|-----------|-----------|--------|--------|---|---------|---|---------|---|------------|---|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|---------|---|------|---|--------|-------|---|---|---|---|---|---|---|-------|---|--------|----|------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|----|----------|--------|--------|-------|---------|---------|---------|---------|---------|-----------|---------|-----------|---------|-----------|----|---------------|---|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|----|----------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|---------|----|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|---------|--|--|--|--|--|--|--|--|--------|--|--|--|--|-----------|
| PT HANAMPI SEJAHTERA KAHURIPAN   |               |         |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| Kawasan Industri Maspion, Blok L.JI, Mayar No KM.28 E1151 Mulyarano Jawa   |               |         |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| +62.31.392721  |               |         |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 1. Data bahan baku selama 1 tahun belakang :   |               |         |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| <table border="1"> <thead> <tr> <th rowspan="2">No.</th> <th rowspan="2">Material</th> <th colspan="12">TAHUN</th> </tr> <tr> <th>Apr-24</th> <th>May-24</th> <th>Jun-24</th> <th>Jul-24</th> <th>Aug-24</th> <th>Sep-24</th> <th>Okt-24</th> <th>Nov-24</th> <th>Des-24</th> <th>Jan-25</th> <th>Feb-25</th> <th>Mar-25</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Urea</td> <td>481.500</td> <td>1.668.004</td> <td>2.393.756</td> <td>1.263.841</td> <td>2.551.560</td> <td>1.668.537</td> <td>2.462.343</td> <td>2.164.647</td> <td>1.399.807</td> <td>2.442.126</td> <td>1.861.425</td> <td>3.132.695</td> <td>34.811.873</td> </tr> <tr> <td>2</td> <td>Rp</td> <td>308.870</td> <td>1.759.071</td> <td>1.754.708</td> <td>2.644.056</td> <td>1.772.502</td> <td>1.796.646</td> <td>2.087.750</td> <td>1.457.230</td> <td>2.119.850</td> <td>1.479.560</td> <td>2.799.750</td> <td>2.874.873</td> <td>23.114.420</td> </tr> <tr> <td>3</td> <td>MAP</td> <td>0</td> <td>0</td> <td>449.900</td> <td>305.600</td> <td>273.000</td> <td>187.450</td> <td>192.200</td> <td>90.800</td> <td>343.700</td> <td>11.400</td> <td>3.000</td> <td>1.564.350</td> <td>3.000</td> </tr> <tr> <td>4</td> <td>DAP</td> <td>0</td> </tr> <tr> <td>5</td> <td>KCL</td> <td>646.657</td> <td>4.199.337</td> <td>1.973.899</td> <td>285.449</td> <td>3.155.410</td> <td>3.166.905</td> <td>6.112.780</td> <td>2.542.214</td> <td>2.005.488</td> <td>4.065.511</td> <td>2.983.175</td> <td>4.612.379</td> <td>34.612.487</td> </tr> <tr> <td>6</td> <td>MgO</td> <td>64.500</td> <td>140.765</td> <td>254.647</td> <td>157.469</td> <td>335.400</td> <td>445.945</td> <td>329.050</td> <td>351.300</td> <td>7.840</td> <td>418.927</td> <td>164.750</td> <td>444.403</td> <td>3.894.798</td> </tr> <tr> <td>7</td> <td>Doktek</td> <td>0</td> <td>300</td> <td>21.750</td> <td>7.000.200</td> <td>2.653.500</td> <td>21.000</td> <td>27.500</td> <td>0</td> <td>866.840</td> <td>0</td> <td>790.650</td> <td>0</td> <td>18.794.940</td> </tr> <tr> <td>8</td> <td>Borak</td> <td>15.717</td> <td>11.673</td> <td>35.500</td> <td>2.000</td> <td>20.720</td> <td>73.175</td> <td>18.600</td> <td>26.400</td> <td>4.100</td> <td>88.921</td> <td>24.600</td> <td>81.171</td> <td>377.880</td> </tr> <tr> <td>9</td> <td>Zinc</td> <td>0</td> <td>12.766</td> <td>1.000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5.350</td> <td>0</td> <td>28.110</td> </tr> <tr> <td>10</td> <td>Brown Clay</td> <td>96.509</td> <td>363.800</td> <td>129.824</td> <td>517.120</td> <td>289.600</td> <td>495.242</td> <td>471.200</td> <td>345.200</td> <td>689.850</td> <td>600.350</td> <td>769.650</td> <td>715.330</td> <td>5.788.113</td> </tr> <tr> <td>11</td> <td>Red clay</td> <td>18.190</td> <td>25.000</td> <td>3.100</td> <td>534.200</td> <td>411.500</td> <td>401.742</td> <td>452.200</td> <td>320.000</td> <td>1.253.900</td> <td>961.300</td> <td>1.018.900</td> <td>551.174</td> <td>5.492.914</td> </tr> <tr> <td>12</td> <td>Alumina Sawit</td> <td>0</td> <td>6.566</td> <td>8.857</td> <td>1.098</td> <td>3.200</td> <td>12.661</td> <td>10.178</td> <td>7.661</td> <td>3.317</td> <td>7.770</td> <td>1.000</td> <td>6.100</td> <td>87.710</td> </tr> <tr> <td>13</td> <td>Palm Wax</td> <td>1.415</td> <td>11.235</td> <td>10.895</td> <td>12.629</td> <td>10.470</td> <td>13.027</td> <td>11.106</td> <td>8.477</td> <td>3.660</td> <td>9.200</td> <td>2.980</td> <td>10.50</td> <td>107.346</td> </tr> <tr> <td>14</td> <td>Calum</td> <td>1.407</td> <td>18.720</td> <td>15.763</td> <td>12.327</td> <td>15.880</td> <td>17.999</td> <td>15.328</td> <td>13.120</td> <td>5.573</td> <td>14.940</td> <td>7.811</td> <td>19.080</td> <td>108.441</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Jumlah</td> <td></td> <td></td> <td></td> <td></td> <td>8.490.441</td> </tr> </tbody> </table> |               |         |           |           |           |           |           |           |           |           |           |           |           | No.        | Material | TAHUN |  |  |  |  |  |  |  |  |  |  |  | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Okt-24 | Nov-24 | Des-24 | Jan-25 | Feb-25 | Mar-25 | Total | 1 | Urea | 481.500 | 1.668.004 | 2.393.756 | 1.263.841 | 2.551.560 | 1.668.537 | 2.462.343 | 2.164.647 | 1.399.807 | 2.442.126 | 1.861.425 | 3.132.695 | 34.811.873 | 2 | Rp | 308.870 | 1.759.071 | 1.754.708 | 2.644.056 | 1.772.502 | 1.796.646 | 2.087.750 | 1.457.230 | 2.119.850 | 1.479.560 | 2.799.750 | 2.874.873 | 23.114.420 | 3 | MAP | 0 | 0 | 449.900 | 305.600 | 273.000 | 187.450 | 192.200 | 90.800 | 343.700 | 11.400 | 3.000 | 1.564.350 | 3.000 | 4 | DAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | KCL | 646.657 | 4.199.337 | 1.973.899 | 285.449 | 3.155.410 | 3.166.905 | 6.112.780 | 2.542.214 | 2.005.488 | 4.065.511 | 2.983.175 | 4.612.379 | 34.612.487 | 6 | MgO | 64.500 | 140.765 | 254.647 | 157.469 | 335.400 | 445.945 | 329.050 | 351.300 | 7.840 | 418.927 | 164.750 | 444.403 | 3.894.798 | 7 | Doktek | 0 | 300 | 21.750 | 7.000.200 | 2.653.500 | 21.000 | 27.500 | 0 | 866.840 | 0 | 790.650 | 0 | 18.794.940 | 8 | Borak | 15.717 | 11.673 | 35.500 | 2.000 | 20.720 | 73.175 | 18.600 | 26.400 | 4.100 | 88.921 | 24.600 | 81.171 | 377.880 | 9 | Zinc | 0 | 12.766 | 1.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.350 | 0 | 28.110 | 10 | Brown Clay | 96.509 | 363.800 | 129.824 | 517.120 | 289.600 | 495.242 | 471.200 | 345.200 | 689.850 | 600.350 | 769.650 | 715.330 | 5.788.113 | 11 | Red clay | 18.190 | 25.000 | 3.100 | 534.200 | 411.500 | 401.742 | 452.200 | 320.000 | 1.253.900 | 961.300 | 1.018.900 | 551.174 | 5.492.914 | 12 | Alumina Sawit | 0 | 6.566 | 8.857 | 1.098 | 3.200 | 12.661 | 10.178 | 7.661 | 3.317 | 7.770 | 1.000 | 6.100 | 87.710 | 13 | Palm Wax | 1.415 | 11.235 | 10.895 | 12.629 | 10.470 | 13.027 | 11.106 | 8.477 | 3.660 | 9.200 | 2.980 | 10.50 | 107.346 | 14 | Calum | 1.407 | 18.720 | 15.763 | 12.327 | 15.880 | 17.999 | 15.328 | 13.120 | 5.573 | 14.940 | 7.811 | 19.080 | 108.441 |  |  |  |  |  |  |  |  | Jumlah |  |  |  |  | 8.490.441 |
| No.  | Material      | TAHUN   |           |           |           |           |           |           |           |           |           |           |           |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
|  |               | Apr-24  | May-24    | Jun-24    | Jul-24    | Aug-24    | Sep-24    | Okt-24    | Nov-24    | Des-24    | Jan-25    | Feb-25    | Mar-25    | Total      |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 1  | Urea          | 481.500 | 1.668.004 | 2.393.756 | 1.263.841 | 2.551.560 | 1.668.537 | 2.462.343 | 2.164.647 | 1.399.807 | 2.442.126 | 1.861.425 | 3.132.695 | 34.811.873 |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 2  | Rp            | 308.870 | 1.759.071 | 1.754.708 | 2.644.056 | 1.772.502 | 1.796.646 | 2.087.750 | 1.457.230 | 2.119.850 | 1.479.560 | 2.799.750 | 2.874.873 | 23.114.420 |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 3  | MAP           | 0       | 0         | 449.900   | 305.600   | 273.000   | 187.450   | 192.200   | 90.800    | 343.700   | 11.400    | 3.000     | 1.564.350 | 3.000      |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 4  | DAP           | 0       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 5  | KCL           | 646.657 | 4.199.337 | 1.973.899 | 285.449   | 3.155.410 | 3.166.905 | 6.112.780 | 2.542.214 | 2.005.488 | 4.065.511 | 2.983.175 | 4.612.379 | 34.612.487 |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 6  | MgO           | 64.500  | 140.765   | 254.647   | 157.469   | 335.400   | 445.945   | 329.050   | 351.300   | 7.840     | 418.927   | 164.750   | 444.403   | 3.894.798  |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 7  | Doktek        | 0       | 300       | 21.750    | 7.000.200 | 2.653.500 | 21.000    | 27.500    | 0         | 866.840   | 0         | 790.650   | 0         | 18.794.940 |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 8  | Borak         | 15.717  | 11.673    | 35.500    | 2.000     | 20.720    | 73.175    | 18.600    | 26.400    | 4.100     | 88.921    | 24.600    | 81.171    | 377.880    |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 9  | Zinc          | 0       | 12.766    | 1.000     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 5.350     | 0         | 28.110     |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 10   | Brown Clay    | 96.509  | 363.800   | 129.824   | 517.120   | 289.600   | 495.242   | 471.200   | 345.200   | 689.850   | 600.350   | 769.650   | 715.330   | 5.788.113  |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 11   | Red clay      | 18.190  | 25.000    | 3.100     | 534.200   | 411.500   | 401.742   | 452.200   | 320.000   | 1.253.900 | 961.300   | 1.018.900 | 551.174   | 5.492.914  |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 12   | Alumina Sawit | 0       | 6.566     | 8.857     | 1.098     | 3.200     | 12.661    | 10.178    | 7.661     | 3.317     | 7.770     | 1.000     | 6.100     | 87.710     |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 13   | Palm Wax      | 1.415   | 11.235    | 10.895    | 12.629    | 10.470    | 13.027    | 11.106    | 8.477     | 3.660     | 9.200     | 2.980     | 10.50     | 107.346    |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
| 14   | Calum         | 1.407   | 18.720    | 15.763    | 12.327    | 15.880    | 17.999    | 15.328    | 13.120    | 5.573     | 14.940    | 7.811     | 19.080    | 108.441    |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |
|  |               |         |           |           |           |           |           | Jumlah    |           |           |           |           | 8.490.441 |            |          |       |  |  |  |  |  |  |  |  |  |  |  |        |        |        |        |        |        |        |        |        |        |        |        |       |   |      |         |           |           |           |           |           |           |           |           |           |           |           |            |   |    |         |           |           |           |           |           |           |           |           |           |           |           |            |   |     |   |   |         |         |         |         |         |        |         |        |       |           |       |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |         |           |           |         |           |           |           |           |           |           |           |           |            |   |     |        |         |         |         |         |         |         |         |       |         |         |         |           |   |        |   |     |        |           |           |        |        |   |         |   |         |   |            |   |       |        |        |        |       |        |        |        |        |       |        |        |        |         |   |      |   |        |       |   |   |   |   |   |   |   |       |   |        |    |            |        |         |         |         |         |         |         |         |         |         |         |         |           |    |          |        |        |       |         |         |         |         |         |           |         |           |         |           |    |               |   |       |       |       |       |        |        |       |       |       |       |       |        |    |          |       |        |        |        |        |        |        |       |       |       |       |       |         |    |       |       |        |        |        |        |        |        |        |       |        |       |        |         |  |  |  |  |  |  |  |  |        |  |  |  |  |           |

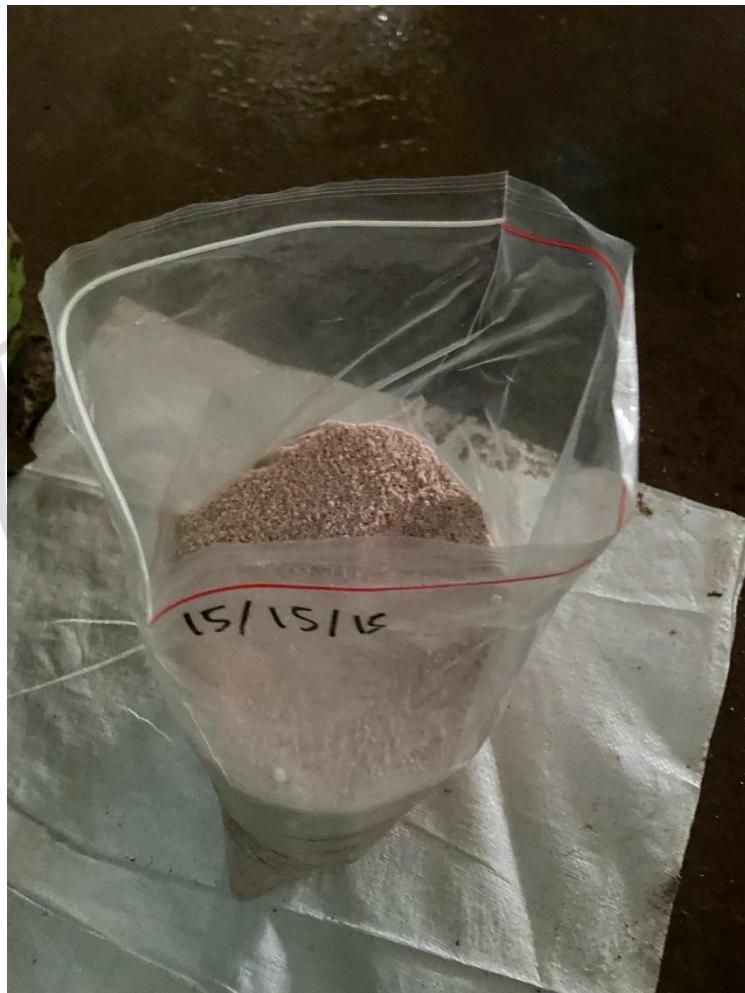
| DATA PENDUKUNG KERJA PRAKTEK   |              |            |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
|--|--------------|------------|--|--|--|--|--|--|--|--|--|--|--|-----|----------|-----------|---|------|------------|---|----|------------|---|-----|------------|---|-----|------------|---|-----|----------|---|-----|-----------|---|--------------|----------|---|----------|----------|---|-------|----------|----|------------|------------|----|----------|----------|--|-------|------------|
| PT HANAMPI SEJAHTERA KAHURIPAN   |              |            |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| Kawasan Industri Maspion, Blok L.JI, Mayar No KM.28 E1151 Mulyarano Jawa   |              |            |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| +62.31.392721  |              |            |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 2. Data bahan baku yang digunakan selama 1 minggu :  |              |            |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| <table border="1"> <thead> <tr> <th>No.</th> <th>Material</th> <th>Digunakan</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Urea</td> <td>647.613 Kg</td> </tr> <tr> <td>2</td> <td>Rp</td> <td>595.300 Kg</td> </tr> <tr> <td>3</td> <td>KCL</td> <td>742.800 Kg</td> </tr> <tr> <td>4</td> <td>MAP</td> <td>157.600 Kg</td> </tr> <tr> <td>5</td> <td>DAP</td> <td>7.500 Kg</td> </tr> <tr> <td>6</td> <td>Mgo</td> <td>41.409 Kg</td> </tr> <tr> <td>7</td> <td>Minyak sawit</td> <td>1.850 Kg</td> </tr> <tr> <td>8</td> <td>Palm Wax</td> <td>1.775 Kg</td> </tr> <tr> <td>9</td> <td>Calum</td> <td>3.269 Kg</td> </tr> <tr> <td>10</td> <td>Brown Clay</td> <td>136.900 Kg</td> </tr> <tr> <td>11</td> <td>Red clay</td> <td>5.520 Kg</td> </tr> <tr> <td></td> <td>Total</td> <td>212.883 Kg</td> </tr> </tbody> </table> |              |            |  |  |  |  |  |  |  |  |  |  |  | No. | Material | Digunakan | 1 | Urea | 647.613 Kg | 2 | Rp | 595.300 Kg | 3 | KCL | 742.800 Kg | 4 | MAP | 157.600 Kg | 5 | DAP | 7.500 Kg | 6 | Mgo | 41.409 Kg | 7 | Minyak sawit | 1.850 Kg | 8 | Palm Wax | 1.775 Kg | 9 | Calum | 3.269 Kg | 10 | Brown Clay | 136.900 Kg | 11 | Red clay | 5.520 Kg |  | Total | 212.883 Kg |
| No.  | Material     | Digunakan  |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 1  | Urea         | 647.613 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 2  | Rp           | 595.300 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 3  | KCL          | 742.800 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 4  | MAP          | 157.600 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 5  | DAP          | 7.500 Kg   |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 6  | Mgo          | 41.409 Kg  |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 7  | Minyak sawit | 1.850 Kg   |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 8  | Palm Wax     | 1.775 Kg   |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 9  | Calum        | 3.269 Kg   |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 10   | Brown Clay   | 136.900 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
| 11   | Red clay     | 5.520 Kg   |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |
|  | Total        | 212.883 Kg |  |  |  |  |  |  |  |  |  |  |  |     |          |           |   |      |            |   |    |            |   |     |            |   |     |            |   |     |          |   |     |           |   |              |          |   |          |          |   |       |          |    |            |            |    |          |          |  |       |            |

| DATA PENDUKUNG KERJA PRAKTEK   |                     |
|--|---------------------|
| PT HANAMPI SEJAHTERA KAHURIPAN   |                     |
| Kawasan Industri Maspion, Blok L.JI, Mayar No KM.28 E1151 Mulyarano Jawa |                     |
| +62.31.392721  |                     |
| Tanggal  | Jumlah Terjual (KG) |
| Mei-24   | 8.941.850           |
| Jun-24   | 7.402.304           |
| Jul-24   | 12.197.900          |
| Agu-24   | 7.895.400           |
| Sep-24   | 9.774.950           |
| Okt-24   | 5.868.188           |
| Nov-24   | 8.045.200           |
| Des-24   | 14.350.150          |
| Jan-25   | 9.712.500           |
| Feb-25   | 13.054.506          |
| Mar-25   | 8.750.408           |
| Apr-25   | 9.683.200           |
| Mei-25   | 13.318.550          |

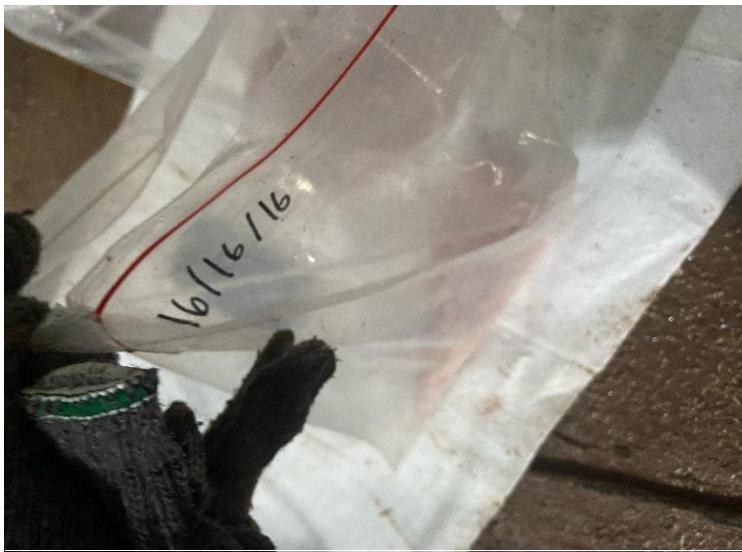
Dengan ini dinyatakan bahwa data yang tercantum dalam laporan ini telah melalui proses verifikasi dan telah disahkan oleh pihak berwenang. Data tersebut dinyatakan sah dan dibolehkan untuk digunakan sebagai bagian dari penyusunan laporan ini.

PT HANAMPI SEJAHTERA KAHURIPAN  
Mengabdi, Meningkatkan Layanan  
• Pemasaran • Pengembangan  
• Produksi • Pengelolaan  
• Teknologi  
• Kesejahteraan

1. Triple 15/15/15 ( Urea prill,Amonium Chlorida Powder, MAP 10/50 Powder,KCL Merah Powder, MgS04 Powder)



Triple 16/16/16 (Urea prill, Amonium Chlorida Powder, MAP 10/50 Powder, KCL Merah Powder, MgS04 Powder)



#### Definisi Kuesioner menurut Sugiyono (2017)

Sugiyono (2017) menjelaskan bahwa kuesioner merupakan alat untuk mengumpulkan informasi yang disusun dalam bentuk kumpulan pertanyaan yang ditulis dan harus dijawab oleh responden. Alat ini memberikan keuntungan tambahan karena bisa mengurangi waktu, usaha, dan biaya dalam proses pengumpulan informasi..

## bahan baku pembuatan pupuk trial

### **Compact 15/15/15 Full Spec**

Urea prill  
Ammonium Chlorida Powder  
MAP 10/50 Powder  
KCL Merah Powder  
MgSO<sub>4</sub> Powder

### **Compact 16/16/16 Full Spec**

Urea prill  
Ammonium Chlorida Powder  
MAP 10/50 Powder  
KCL Merah Powder  
MgSO<sub>4</sub> Powder

Barang jadi pupuk trial (jenis compact)



Pupuk yang gagal Ter – Coating / pelapisan



Tugas ketika di lapangan yaitu input data SPK ( Surat Perintah Kerja ) di Excel

| SURAT PERINTAH KERJA<br>PT. HANAMPI SEJAHTERA KAHURIPAN |                   |   |                  |
|---|-------------------|---|------------------|
| P241201-1 PT.SAS<br>SPK pengganti yg<br>(ecr)           | SPK. MKT<br>PO No | 025/03/2024/SPK-P/SAS<br>PO/PLB/X-2024/0043 | Customer         |
| V   | Shipment date     | Desember - 2024                             | Jenis Produksi   |
| KG  | Start Produksi    | 19 Dec 2024                                 | Selesai Produksi |
| Bahan Baku  |                   |   |                  |
| Kebutuhan Bahan Baku                                    | Ratio             | Qty (MT)                                    |                  |
| PHATE MONOHYDRATE POWDER<br>1@ 25 KG                    | 0.185             | 610.5                                       |                  |
| JLPHATE PENTAHYDRATE 24,5% @25 KG                       | 0.19              | 627   |                  |
| DE POWDER (Cu = 65 - 70%) @ 25 KG                       | 0.005             |   |                  |

## Pupuk pupuk compound



Bahan baku pupuk compound yaitu urea prill



Pupuk yang sudah di packaging akan dikirim ke gudang penyimpanan



Foto dokumentasi ketika di lapangan



Foto dokumentasi gudang pembuatan produk pupuk compound

