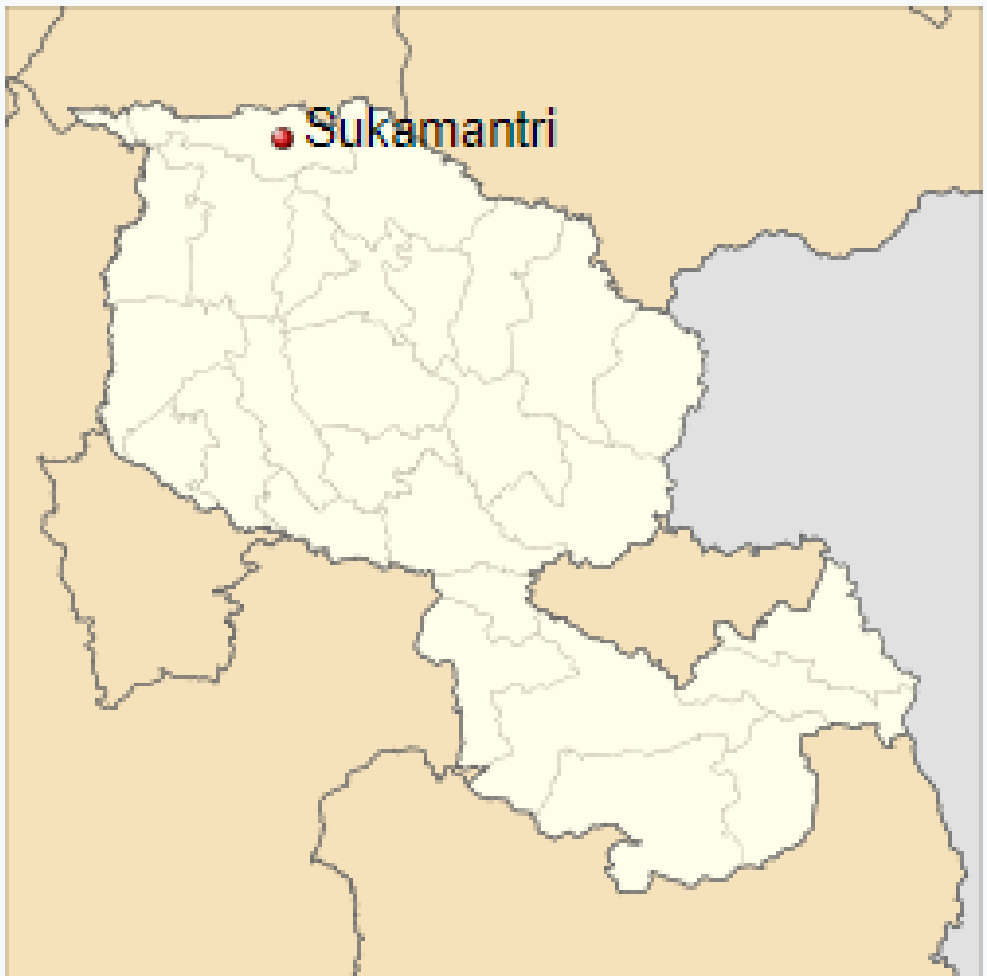
# LAMPIRAN

## Lampiran 1. Kuesioner Penelitian



**Lampiran 2. Kuesioner Penelitian**

## FAKTOR-FAKTOR YANG MEMENGARUHI PRODUKSI PADA USAHATANI TOMAT DI KECAMATAN SUKAMANTRI

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No. Responden : .....

Tanggal Wawancara : .....

1. Nama Responden : .....
2. Jenis Kelamin : ..... (L / P)
3. Produksi Tomat : ..... kg
4. Luas lahan garapan : ..... hektar
5. Status kepemilikan lahan : Milik sendiri / Sewa / Penggarap
6. Umur : ..... tahun
7. Pendidikan terakhir : ..... tahun
8. Pengalaman berusahatani : ..... tahun
9. Jumlah tanggungan keluarga : ..... orang
10. Pekerjaan
    a. Pekerjaan utama : .....
    b. Pekerjaan sampingan : .....
11. Apakah Bapak/Ibu mengikuti kegiatan penyuluhan yang dilaksanakan oleh pegawai dinas minimal 3 kali dalam satu tahun: Ya / Tidak.
12. Apakah Bapak/Ibu anggota kelompok tani: Ya / Tidak
13. Penggunaan sarana produksi:
    a. Benih : ……. kg : ……. kg
    b. Pupuk Kimia : ……. kg
    c. Pestisida : ……. liter
    d. Tenaga kerja : ……. Orang

**Lampiran 3. Data Identitas Responden**

| No | Nama | Umur (Tahun) | Pengalaman Berusahatani (Tahun) | Tanggungan Keluarga | Pendidikan |
|---|---|---|---|---|---|
| 1 | H. Ina | 61 | 20 | 2 | 9 |
| 2 | Iyah | 70 | 22 | 5 | 6 |
| 3 | Dodo | 58 | 15 | 2 | 9 |
| 4 | Eman | 60 | 19 | 4 | 12 |
| 5 | Tatang | 63 | 12 | 2 | 6 |
| 6 | Yaya | 66 | 21 | 2 | 6 |
| 7 | Lili | 56 | 17 | 2 | 12 |
| 8 | Otim | 68 | 24 | 2 | 6 |
| 9 | Umi | 63 | 15 | 1 | 6 |
| 10 | Yenyen | 38 | 7 | 2 | 12 |
| 11 | Ijul | 61 | 18 | 2 | 12 |
| 12 | Dana | 55 | 12 | 1 | 9 |
| 13 | Muslich | 58 | 13 | 2 | 12 |
| 14 | Lili | 58 | 13 | 3 | 9 |
| 15 | Iwan | 39 | 9 | 2 | 12 |
| 16 | Aep Saepudin | 57 | 17 | 4 | 9 |
| 17 | Hindun | 67 | 12 | 3 | 6 |
| 18 | Akmal | 55 | 14 | 2 | 6 |
| 19 | Iyus | 58 | 18 | 4 | 6 |
| 20 | Yaman | 60 | 15 | 3 | 6 |
| 21 | Deni | 29 | 7 | 1 | 12 |
| 22 | Nana | 62 | 17 | 4 | 6 |
| 23 | Dudung Karsidik | 54 | 15 | 3 | 6 |
| 24 | Ade M | 56 | 14 | 2 | 6 |
| 25 | Deni | 35 | 11 | 1 | 12 |
| 26 | Amir | 63 | 15 | 3 | 6 |
| 27 | Endeh | 33 | 9 | 3 | 9 |
| 28 | Ajat J | 35 | 11 | 2 | 12 |
| 29 | H. Aan | 78 | 23 | 2 | 6 |
| 30 | Tati | 37 | 10 | 3 | 9 |
| 31 | Nanang | 63 | 19 | 2 | 6 |
| 32 | Enjon | 68 | 17 | 2 | 6 |
| 33 | Dayat H | 65 | 20 | 1 | 12 |
| 34 | Jujun | 63 | 19 | 3 | 6 |
| 35 | Mimin | 68 | 18 | 3 | 6 |
| 36 | Edi | 49 | 8 | 2 | 6 |
| 37 | Unah | 72 | 22 | 4 | 6 |
| 38 | H. Yusuf | 75 | 25 | 3 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| 39 | Engkos | 40 | 12 | 2 | 6 |
| 40 | Mas Darsim | 78 | 27 | 1 | 6 |
| 41 | Kiswaya | 37 | 9 | 2 | 12 |
| 42 | Wawan | 38 | 11 | 1 | 9 |
| 43 | Agus | 26 | 4 | 1 | 12 |
| 44 | Rizal | 32 | 9 | 1 | 12 |
| 45 | Jajang J | 25 | 5 | 1 | 12 |
| 46 | Nurdin | 25 | 3 | 1 | 12 |
| 47 | Ogel | 39 | 7 | 2 | 6 |
| 48 | Endi | 69 | 17 | 3 | 6 |
| 49 | Yoyo | 49 | 14 | 3 | 6 |
| 50 | Evi | 45 | 13 | 3 | 9 |
| 51 | Nani | 49 | 16 | 3 | 6 |
| 52 | Hilman | 37 | 11 | 1 | 9 |
| 53 | Arif S | 28 | 4 | 1 | 12 |
| 54 | Otong | 58 | 13 | 4 | 6 |
| 55 | Nina | 35 | 12 | 3 | 9 |
| 56 | Andri | 33 | 6 | 3 | 9 |
| 57 | Dimas | 28 | 5 | 1 | 12 |
| 58 | Acim | 56 | 12 | 3 | 12 |
| 59 | Endang | 56 | 14 | 3 | 6 |
| 60 | Anwar | 53 | 15 | 3 | 6 |
| 61 | Elas | 67 | 21 | 4 | 6 |

**Lampiran 4. Data Produksi Tomat**

| NO | Produksi (kg) | Luas Lahan (ha) | Benih(kg) | Pupuk (kg) | Pestisida (liter) | Tenaga Kerja |
|---|---|---|---|---|---|---|
| 1 | 2200 | 0,15 | 1 | 166 | 0,58 | 25 |
| 2 | 1800 | 0,15 | 2 | 180 | 0,75 | 30 |
| 3 | 2000 | 0,21 | 3 | 194 | 0,25 | 34 |
| 4 | 2200 | 0,2 | 3 | 188 | 0,51 | 38 |
| 5 | 1750 | 0,1 | 1 | 132 | 1,31 | 30 |
| 6 | 2250 | 0,11 | 4 | 75 | 0,25 | 43 |
| 7 | 2300 | 0,19 | 4 | 82 | 0,54 | 42 |
| 8 | 2000 | 0,22 | 3 | 123 | 0,62 | 27 |
| 9 | 1850 | 0,05 | 2 | 75 | 0,36 | 22 |
| 10 | 1900 | 0,07 | 2 | 75 | 0,74 | 25 |
| 11 | 2500 | 0,13 | 4 | 107 | 0,57 | 45 |
| 12 | 2100 | 0,18 | 2 | 141 | 0,55 | 40 |
| 13 | 1500 | 0,17 | 1 | 201 | 1,02 | 13 |
| 14 | 1850 | 0,14 | 2 | 250 | 1,11 | 22 |
| 15 | 2300 | 0,17 | 4 | 123 | 0,81 | 40 |
| 16 | 2700 | 0,18 | 4 | 179 | 1 | 50 |
| 17 | 1800 | 0,18 | 2 | 156 | 1,14 | 34 |
| 18 | 2150 | 0,11 | 3 | 226 | 0,97 | 32 |
| 19 | 1800 | 0,13 | 1 | 139 | 0,67 | 28 |
| 20 | 1900 | 0,14 | 2 | 179 | 0,8 | 38 |
| 21 | 2200 | 0,12 | 4 | 179 | 0,57 | 40 |
| 22 | 1950 | 0,1 | 2 | 155 | 0,87 | 26 |
| 23 | 2200 | 0,19 | 2 | 75 | 0,63 | 25 |
| 24 | 2200 | 0,18 | 4 | 148 | 0,99 | 45 |
| 25 | 2000 | 0,11 | 3 | 190 | 0,25 | 37 |
| 26 | 2200 | 0,11 | 4 | 122 | 0,63 | 38 |
| 27 | 2100 | 0,14 | 3 | 121 | 0,62 | 35 |
| 28 | 1400 | 0,18 | 4 | 167 | 1,06 | 38 |
| 29 | 1600 | 0,1 | 2 | 128 | 1,24 | 26 |
| 30 | 2000 | 0,19 | 2 | 174 | 0,57 | 40 |
| 31 | 2000 | 0,16 | 3 | 153 | 0,36 | 32 |
| 32 | 2100 | 0,17 | 3 | 190 | 0,93 | 30 |
| 33 | 2300 | 0,15 | 4 | 179 | 0,36 | 40 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 34 | 2800 | 0,14 | 5 | 75 | 0,42 | 55 |
| 35 | 2100 | 0,16 | 2 | 174 | 0,91 | 36 |
| 36 | 3100 | 0,17 | 8 | 159 | 0,83 | 60 |
| 37 | 1750 | 0,2 | 2 | 75 | 0,74 | 35 |
| 38 | 1700 | 0,15 | 2 | 75 | 0,49 | 26 |
| 39 | 1800 | 0,15 | 3 | 182 | 0,96 | 30 |
| 40 | 1800 | 0,15 | 3 | 125 | 0,61 | 38 |
| 41 | 2250 | 0,16 | 4 | 135 | 1,04 | 45 |
| 42 | 2200 | 0,19 | 4 | 220 | 0,25 | 40 |
| 43 | 1950 | 0,19 | 2 | 79 | 0,79 | 33 |
| 44 | 2100 | 0,12 | 3 | 118 | 1,13 | 40 |
| 45 | 1500 | 0,15 | 2 | 189 | 1,36 | 38 |
| 46 | 2750 | 0,09 | 5 | 84 | 1,18 | 38 |
| 47 | 2300 | 0,13 | 4 | 198 | 0,25 | 42 |
| 48 | 2200 | 0,19 | 2 | 192 | 0,8 | 40 |
| 49 | 2100 | 0,15 | 3 | 156 | 1,26 | 35 |
| 50 | 1500 | 0,13 | 5 | 115 | 0,87 | 18 |
| 51 | 1900 | 0,14 | 3 | 207 | 1,6 | 40 |
| 52 | 1800 | 0,15 | 2 | 92 | 0,66 | 18 |
| 53 | 2300 | 0,13 | 4 | 193 | 0,48 | 38 |
| 54 | 2250 | 0,11 | 3 | 182 | 0,83 | 40 |
| 55 | 2000 | 0,12 | 3 | 114 | 1,11 | 30 |
| 56 | 2200 | 0,15 | 3 | 252 | 1,21 | 38 |
| 57 | 2200 | 0,18 | 4 | 200 | 0,58 | 40 |
| 58 | 2100 | 0,16 | 4 | 156 | 1,26 | 38 |
| 59 | 2200 | 0,06 | 3 | 137 | 0,83 | 38 |
| 60 | 2300 | 0,19 | 4 | 179 | 0,99 | 40 |
| 61 | 2300 | 0,17 | 4 | 206 | 1,37 | 40 |

## Lampiran 5. Uji Asumsi Klasik

1. Uji Normalitas

X1

**One-Sample Kolmogorov-Smirnov Test**

| | | | Lahan |
|---|---|---|---|
| N | | | 61 |
| Normal Parameters[a,b] | Mean | | 13.8197 |
| | Std. Deviation | | 5.04813 |
| Most Extreme Differences | Absolute | | .157 |
| | Positive | | .120 |
| | Negative | | -.157 |
| Test Statistic | | | .157 |
| Asymp. Sig. (2-tailed) | | | .001[c] |
| Monte Carlo Sig. (2-tailed) | Sig. | | .087[d] |
| | 99% Confidence Interval | Lower Bound | .080 |
| | | Upper Bound | .094 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Based on 10000 sampled tables with starting seed 677935123.

X2

**One-Sample Kolmogorov-Smirnov Test**

| | | | Benih |
|---|---|---|---|
| N | | | 61 |
| Normal Parameters[a,b] | Mean | | 3.0492 |
| | Std. Deviation | | 1.21691 |
| Most Extreme Differences | Absolute | | .166 |
| | Positive | | .166 |
| | Negative | | -.143 |
| Test Statistic | | | .166 |
| Asymp. Sig. (2-tailed) | | | .000[c] |
| Monte Carlo Sig. (2-tailed) | Sig. | | .067[d] |
| | 99% Confidence Interval | Lower Bound | .061 |
| | | Upper Bound | .074 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Based on 10000 sampled tables with starting seed 1122541128.

X3

**One-Sample Kolmogorov-Smirnov Test**

| | | | Pupuk |
|---|---|---|---|
| N | | | 61 |
| Normal Parameters[a,b] | Mean | | 151.4918 |
| | Std. Deviation | | 47.04453 |
| Most Extreme Differences | Absolute | | .114 |
| | Positive | | .088 |
| | Negative | | -.114 |
| Test Statistic | | | .114 |
| Asymp. Sig. (2-tailed) | | | .047[c] |
| Monte Carlo Sig. (2-tailed) | Sig. | | .378[d] |
| | 99% Confidence Interval | Lower Bound | .365 |
| | | Upper Bound | .390 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Based on 10000 sampled tables with starting seed 1644650155.

X4

**One-Sample Kolmogorov-Smirnov Test**

| | | Pestisida |
|---|---|---|
| N | | 61 |
| Normal Parameters[a,b] | Mean | 73.0656 |
| | Std. Deviation | 35.29536 |
| Most Extreme Differences | Absolute | .071 |
| | Positive | .071 |
| | Negative | -.055 |
| Test Statistic | | .071 |
| Asymp. Sig. (2-tailed) | | .200[c,d] |
| Monte Carlo Sig. (2-tailed) | Sig. | .898[e] |

| | | | |
|---|---|---|---|
| | 99% Confidence Interval | Lower Bound | .891 |
| | | Upper Bound | .906 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

e. Based on 10000 sampled tables with starting seed 272886377.

X5

**One-Sample Kolmogorov-Smirnov Test**

| | | | Kerja |
|---|---|---|---|
| N | | | 61 |
| Normal Parameters[a,b] | Mean | | 35.3934 |
| | Std. Deviation | | 8.50153 |
| Most Extreme Differences | Absolute | | .161 |
| | Positive | | .146 |
| | Negative | | -.161 |
| Test Statistic | | | .161 |
| Asymp. Sig. (2-tailed) | | | .000[c] |
| Monte Carlo Sig. (2-tailed) | Sig. | | .072[d] |
| | 99% Confidence Interval | Lower Bound | .065 |
| | | Upper Bound | .078 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Based on 10000 sampled tables with starting seed 1201206483.

X – Y

**One-Sample Kolmogorov-Smirnov Test**

| | | | Unstandardized Residual |
|---|---|---|---|
| N | | | 61 |
| Normal Parameters[a,b] | Mean | | .0000000 |
| | Std. Deviation | | 201.03850739 |
| Most Extreme Differences | Absolute | | .127 |
| | Positive | | .111 |
| | Negative | | -.127 |
| Test Statistic | | | .127 |
| Asymp. Sig. (2-tailed) | | | .016[c] |
| Monte Carlo Sig. (2-tailed) | Sig. | | .251[d] |
| | 99% Confidence Interval | Lower Bound | .240 |
| | | Upper Bound | .262 |

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Based on 10000 sampled tables with starting seed 2110151063.

2. Uji *Multikolinearitas*

**Coefficients[a]**

| Model | | Collinearity Statistics | |
|---|---|---|---|
| | | Tolerance | VIF |
| 1 | Lahan | .885 | 1.130 |
| | Benih | .534 | 1.871 |
| | Pupuk | .926 | 1.079 |
| | Pestisida | .922 | 1.085 |
| | Tenaga | .516 | 1.939 |

a. Dependent Variable: Produksi

3. Uji Linearitas

X1

**ANOVA Table**

| | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| Produksi * Lahan | Between Groups | (Combined) | 1395418.326 | 16 | 87213.645 | .839 | .637 |
| | | Linearity | 147555.759 | 1 | 147555.759 | 1.420 | .240 |
| | | Deviation from Linearity | 1247862.567 | 15 | 83190.838 | .800 | .671 |
| | Within Groups | | 4572696.429 | 44 | 103924.919 | | |
| | Total | | 5968114.754 | 60 | | | |

X2

**ANOVA Table**

| | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| Produksi * Benih | Between Groups | (Combined) | 2687081.257 | 5 | 537416.251 | 9.009 | .000 |
| | | Linearity | 2609247.595 | 1 | 2609247.595 | 43.739 | .000 |
| | | Deviation from Linearity | 77833.662 | 4 | 19458.415 | .326 | .859 |
| | Within Groups | | 3281033.497 | 55 | 59655.154 | | |
| | Total | | 5968114.754 | 60 | | | |

X3

**ANOVA Table**

| | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| Produksi * Pupuk | Between Groups | (Combined) | 4525293.326 | 44 | 102847.576 | 1.141 | .402 |
| | | Linearity | 876.372 | 1 | 876.372 | .010 | .923 |
| | | Deviation from Linearity | 4524416.953 | 43 | 105218.999 | 1.167 | .382 |
| | Within Groups | | 1442821.429 | 16 | 90176.339 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Total | 5968114.754 | 60 | | | |

X4

**ANOVA Table**

| | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| Produksi * Pestisida | Between Groups | (Combined) | 4966031.421 | 41 | 121122.718 | 2.297 | .027 |
| | | Linearity | 309501.411 | 1 | 309501.411 | 5.868 | .026 |
| | | Deviation from Linearity | 4656530.009 | 40 | 116413.250 | 2.207 | .033 |
| | Within Groups | | 1002083.333 | 19 | 52741.228 | | |
| | Total | | 5968114.754 | 60 | | | |

X5

**ANOVA Table**

| | | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|---|
| Produksi * Kerja | Between Groups | (Combined) | 3898839.113 | 21 | 185659.005 | 3.499 | .000 |
| | | Linearity | 3100773.819 | 1 | 3100773.819 | 58.441 | .000 |
| | | Deviation from Linearity | 798065.294 | 20 | 39903.265 | .752 | .749 |
| | Within Groups | | 2069275.641 | 39 | 53058.350 | | |
| | Total | | 5968114.754 | 60 | | | |

**Lampiran 6. Model Regresi Linier Berganda (Uji T)**

Uji Determinasi (R2)

**Model Summary[b]**

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|---|---|---|---|---|
| 1 | .711[a] | .594 | .557 | 209.97787 |

a. Predictors: (Constant), Tenaga, Pestisida, Pupuk, Benih, Lahan

b. Dependent Variable: Produksi

Uji F

**ANOVA[a]**

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| 1 | Regression | 3543125.867 | 5 | 708625.173 | 16.072 | .000[b] |
| | Residual | 2424988.887 | 55 | 44090.707 | | |
| | Total | 5968114.754 | 60 | | | |

a. Dependent Variable: Produksi

b. Predictors: (Constant), Kerja, Pupuk, Pestisida, Lahan, Benih

Uji T

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | 1314.693 | 166.751 | | 7.884 | .000 |
| | Lahan | -.990 | 5.709 | -.016 | -.173 | .863 |
| | Benih | 87.751 | 30.474 | .339 | 2.880 | .006 |
| | Pupuk | -.333 | .599 | -.050 | -.557 | .580 |
| | Pestisida | -1.009 | .800 | -.113 | -1.261 | .213 |
| | Kerja | 17.806 | 4.441 | .480 | 4.010 | .000 |

a. Dependent Variable: Produksi