



PRODUCTION OF APPROPRIATE FOOD: sufficient, safe, sustainable

| Productivity determination of different forage species, for each mowing date. | | | | | | | | | | | | |
|--|--------------|---------------|----------------------------|-----------------------------|-------------------------------------|--------------------------------|------------------|------------------------------|------------------------------|------------------------------------|----------------------------------|-----------------------|
| Plot | Block | Thesis | Width of mowing (m) | Length of mowing (m) | Harvest area (m²) | Gross Fresh Weight (kg) | Tare (kg) | Net Fresh Weight (kg) | Dry Fresh Weight (kg) | Net Fresh Weight sample (g) | Net Dry Weight sample (g) | Dry matter (%) |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |

Ideal sample's weight is about 500 - 700 g



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- **Gross Fresh Weight** = Mown biomass in the plot's area + towel's weight (tare)
- **Net Fresh Weight** = Gross Fresh Weight – Tare
- **Yield (kg/m²)** = Net Fresh Weight / Harvest area
- **Yield (t/ha)** = (kg/m²) * 0.1
- **Dry matter determination (% d.m.)** = (Net weight dry sample / Net weight fresh sample) * 100