

SOIL FERTILITY & CROP OUTPUT ANALYSIS

PLOT ID: _____

SEASON: _____

DATE: _____

| NUTRIENT PROFILE | CURRENT LEVEL | TARGET RANGE | EXPECTED YIELD IMPACT | CORRECTION PLAN |
|------------------|---------------|---------------|-----------------------|-----------------|
| Nitrogen (N) | Low | 40-60 mg/kg | Vegetative Stunting | |
| Phosphorus (P) | Medium | 25-35 mg/kg | Root Development | |
| Potassium (K) | High | 150-200 mg/kg | Disease Resistance | |
| Soil pH | 6.2 | 6.5 - 7.0 | Nutrient Uptake | |
| Organic Matter | 2.1% | > 3.5% | Moisture Retention | |

| CROP VARIETY | ACREAGE | PROJECTED OUTPUT | ACTUAL OUTPUT | VARIANCE (%) |
|--------------|---------|------------------|---------------|--------------|
|--------------|---------|------------------|---------------|--------------|

**CROP
VARIETY**

ACREAGE

**PROJECTED
OUTPUT**

**ACTUAL
OUTPUT**

**VARIANCE
(%)**

NOTES / OBSERVATIONS: