



MAXYIELD APPLICATION PROTOCOL

Cut Roses – Credible Blooms (17.5 ha)

Objective

The purpose of this protocol is to optimize rose production by improving root activity, nutrient utilization, plant vigor, and flower quality throughout the production cycle.

Expected benefits include:

- Increased number of marketable stems
 - Longer and stronger stems
 - Improved bud development
 - Faster regrowth after harvesting
 - Better tolerance to environmental stress
 - More uniform production
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Application Rate

Maxyield: 20 g/m²

Equivalent to:

- 200 kg/ha
- 3,500 kg for 17.5 ha per application

Apply evenly to the root zone, preferably through the existing fertigation or irrigation system where applicable.

Application Schedule

Growth Stage	Timing	Maxyield Rate
Initial application	Beginning of production cycle or immediately after heavy pruning	20 g/m ²
Second application	6 weeks later	20 g/m ²
Third application	6 weeks later	20 g/m ²



Growth Stage	Timing	Maxyield Rate
Continue throughout production	Every 6 weeks	20 g/m ²

Recommended interval: Every **6 weeks** under intensive rose production.

Annual Program

Under continuous commercial production:

- **Approximately 8 applications per year**

Per application:

- **3,500 kg Maxyield**

Estimated annual requirement:

- **Approximately 28,000 kg Maxyield**
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Application Recommendations

- Apply to moist growing media.
 - Irrigate immediately after application if required.
 - Maintain the normal fertigation program.
 - Maxyield complements existing nutrition and is **not intended to replace fertilizers**.
 - Ensure uniform distribution across the entire root zone.
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Monitoring

Record the following parameters throughout the trial:

- Number of marketable stems
- Stem length
- Stem diameter



- Bud size
 - Days from harvest to regrowth
 - Uniformity
 - Percentage of Grade A flowers
 - Total stems harvested per m²
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Expected Results

When applied consistently every six weeks, growers can expect:

- Stronger root development
 - Improved nutrient uptake
 - Increased vegetative vigor
 - More uniform flowering
 - Improved stem quality
 - Higher proportion of export-grade flowers
 - Faster recovery after harvesting
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Recommendation

This protocol is recommended as the **standard Maxyield program** for **Credible Blooms (17.5 ha)**.

After **6–12 months**, the application interval should be reviewed based on production data. If performance remains consistent between applications, the interval may be extended to **8 weeks**. Under intensive production or during periods of high plant stress, maintaining the **6-week interval** is recommended to achieve the best results.