

Nana Organics

MICRO · GROW · BLOOM

Hydroponic feed chart and general crop references

Use all three parts together: **3 mL MICRO + 3 mL GROW + 3 mL BLOOM per litre of water**. This is 9 mL/L total, not 3 mL/L total.

Add MICRO to water first and mix, then add GROW and mix, then BLOOM. Never mix undiluted concentrates. Maintain hydroponic nutrient-tank **pH 5.5–6.0**. These are not fish-tank dosing or pH instructions.

MICRO 4-0-1.5 with 4.4% calcium; GROW 3-1.5-7 with 0.8% magnesium; BLOOM 0-5-6 with 0.9% magnesium. The three bottles are complementary parts, not growth-stage alternatives.

MICRO iron uses DTPA and EDDHA chelates; GROW and BLOOM iron uses DTPA. Manganese, zinc and copper use EDTA chelates. Boron (boric acid) and molybdenum (sodium molybdate) are not chelated. Store tightly closed, away from heat and direct sunlight. Water quality can affect nutrient balance; assess your source water before use. Measure the mixed tank solution.

Water volume	MICRO	GROW	BLOOM
1 L	3 mL	3 mL	3 mL
10 L	30 mL	30 mL	30 mL
20 L	60 mL	60 mL	60 mL
50 L	150 mL	150 mL	150 mL
100 L	300 mL	300 mL	300 mL

EC values in the crop tables are **general references, not verified outcomes of the stated NaO dose**. Measure the actual mixed solution. Source water affects EC; it does not reveal each nutrient concentration. If the approved mix is outside your crop requirements, request crop-specific advice rather than changing individual bottle ratios.

[Nutrient calculator](#) · [Product information](#)

Lettuce & Leafy Greens

General growing references

Time to harvest: 30–45 days. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Seedling	0–10	0.6–0.8	3 / 3 / 3
Early veg	11–20	1.0–1.2	3 / 3 / 3
Mature	21–35	1.2–1.4	3 / 3 / 3
Harvest week	35+	1.0–1.2	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Lettuce & Leafy Greens guide online](#)

Tomatoes

General growing references

Time to harvest: 90–120 days. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Seedling	0–14	1.0	3 / 3 / 3
Veg	14–35	1.8–2.2	3 / 3 / 3
Pre-flower	35–55	2.2–2.6	3 / 3 / 3
Flowering	55–80	2.6–3.0	3 / 3 / 3
Fruiting	80–120	2.8–3.5	3 / 3 / 3
Ripening	120+	2.6–3.0	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Tomatoes guide online](#)

Basil & Herbs

General growing references

Time to harvest: 28–40 days. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Seedling	0–10	0.6–0.8	3 / 3 / 3
Early veg	11–25	1.0–1.2	3 / 3 / 3
Mature	25–40	1.4–1.6	3 / 3 / 3
Pre-flower (pinch)	40+	1.4–1.6	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Basil & Herbs guide online](#)

Peppers & Chillies

General growing references

Time to harvest: 100–140 days. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Seedling	0–14	1.0	3 / 3 / 3
Veg	14–40	1.6–2.0	3 / 3 / 3
Pre-flower	40–60	2.0–2.4	3 / 3 / 3
Flowering & fruiting	60–110	2.4–2.8	3 / 3 / 3
Ripening	110+	2.2–2.6	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Peppers & Chillies guide online](#)

Cucumbers

General growing references

Time to harvest: 55–70 days. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Seedling	0–10	1.0	3 / 3 / 3
Veg	10–30	1.6–2.0	3 / 3 / 3
Flowering	30–50	2.0–2.4	3 / 3 / 3
Fruiting	50–80	2.4–2.8	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Cucumbers guide online](#)

Strawberries

General growing references

Time to harvest: 60–90 days to first fruit. Timing and yield vary with cultivar, climate and management.

NaO dose at every listed stage: **3+3+3 mL/L**. Hydroponic tank pH: **5.5–6.0**.

Stage	Days	EC reference (mS/cm)	MICRO/GROW/BLOOM (mL per litre)
Establishment	0–21	1.0–1.2	3 / 3 / 3
Veg / runner	21–45	1.4–1.6	3 / 3 / 3
Flowering	45–70	1.4–1.6	3 / 3 / 3
Fruiting	70+	1.4–1.8	3 / 3 / 3

EC references are not measured results of the NaO mix. Check your solution and contact us if it is unsuitable. Do not change individual bottle ratios using another brand's schedule.

[Read the Strawberries guide online](#)

Mixing and troubleshooting

- Fill the reservoir with measured fresh water.
- Add MICRO first and mix, then GROW and mix, then BLOOM. Use 3 mL of each per litre.
- Never mix undiluted concentrates or add this hydroponic dose to fish tanks.
- Measure tank pH and EC with calibrated meters. Maintain pH at 5.5–6.0.
- If symptoms develop, check mixing accuracy, source water, tank pH, EC, circulation, root temperature and root health before seeking crop-specific advice.
- Do not add extra MICRO, GROW or BLOOM as a general symptom fix. Different symptoms can have similar appearances.

Support: hello@nanaorganics.org | +27 82 702 6818

[Contact Nana Organics](#)