



## TECHNICAL DATA SHEET

ITEM: NMBO 100

BATCH NO.: NMBO250910

MANUFACTURING DATE: 2025-09-10

REPORT NO.: NMBO-S10235

TEST QUANTITY: 300G

TEST DATE: 2025-09-11

### [SPECIFICATIONS]

| Ingredients                | Content  |
|----------------------------|----------|
| Alginic Acid.....          | ≥35.0%   |
| Organic Matter.....        | ≥45.0%   |
| Total Nitrogen (N).....    | ≥1.0%    |
| Phosphorus (P2O5).....     | ≥2.0%    |
| Potassium (K2O).....       | ≥18.0%   |
| Mannitol.....              | ≥3.0%    |
| Microelements.....         | ≥0.5%    |
| Natural Plant Hormone..... | 700ppm   |
| Solubility In Water.....   | 100%     |
| PH.....                    | 8.0-11.0 |
| Appearance.....            | Flake    |

### [DESCRIPTION]

NMBO 100 is made from imported wild Ascophyllum Nodosum, adopting the patented technology of seaweed extraction by the Institute of Oceanology, Chinese Academy of Sciences (IOCAS) and State Key Laboratory of Bioactive Seaweed Substances. It is produced through physical crushing, biological enzymolysis, low temperature concentration and dry purification. This product has characteristics of comprehensive nutrient, high contents, good water solubility, good compatibility, fast-acting and long-lasting, safe, efficient and so on.

### [APPLICATION METHODS]

Based on the experience of using the application method

| Application period        | Application Methods | Dilute ratio               | Dosage        | Interval |
|---------------------------|---------------------|----------------------------|---------------|----------|
| Avoiding full-bloom stage | Spraying            | Diluted as 2000-3000 times | 300-900g/ha   | ≥10days  |
| The whole growth period   | Irrigation          | Diluted as 1500-2000 times | 3000-9000g/ha | ≥10days  |
| The whole growth period   | Watering            | Diluted as 1200 times      | 400-600g/ha   | ≥25days  |

### [ATTENTIONS OF SPRAYING]

1. Foliar spray: avoiding the sunning and raining, should be sprayed again after 6 hours during raining days.
2. Using interval should be not less than 10 days
3. For foliar fertilizer, there will be a more obvious effect during a growth period of 3 times in general, you can see the effect 2-24 hours after spraying in general.
4. In the procreation growth stage, spray with 0.2% monopotassium phosphate, boric fertilizer and calcium fertilizer.

