



## TECHNICAL DATA SHEET

ITEM: NMBO 100

REPORT NO.: NMBO-S10218

BATCH NO.: NMBO250910

TEST QUANTITY: 300G

MANUFACTURING DATE: 2025-09-10

TEST DATE: 2025-09-11

### [SPECIFICATIONS]

Ingredients	Content
Alginate Acid.....	≥18.0%
Organic Matter.....	45.0-55.0%
Total Nitrogen (N).....	1.0-3.0%
Phosphorus (P <sub>2</sub> O <sub>5</sub> ).....	1.0-3.0%
Potassium (K <sub>2</sub> O).....	≥18.0%
Microelements.....	≥0.5%
Natural Plant Hormone.....	300ppm
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.

