



# OCEAN N

Reg. No. B5050, Act No. 36 of 1947

## FERTILIZER GROUP 2

**READ LABEL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

OCEAN N is an organic fertilizer high in all the essential amino acids derived from fish protein through the process of autolysis, which can be used as both a foliar application and fertigation.

### Not classifiable in terms of GHS

Nitrogen (N)	25,8 g/kg	28,12 g/l	Omega 3 fatty acids	20,6 g/kg	22,5 g/l
Phosphorus (P)	9,7 g/kg	10,57 g/l	Omega 6 fatty acids	3,1 g/kg	3,4 g/l
Potassium (K)	1,5 g/kg	1,64 g/l	Omega 9 fatty acids	31,6 g/kg	34,4 g/l
Calcium (Ca)	1,1 g/kg	1,2 g/l	pH = 2.98		
Magnesium (Mg)	0,2 g/kg	0,22 g/l	SG: (20 °C) 1,09 ± 0,02		
Sulphur (S)	1,5 g/kg	1,64 g/l			
Amino acids	118,6 g/kg	129,3 g/l			
Heterocyclic & Aromatic Amino Acids	33,72 g/kg	37,06 g/l			

Registered, Manufactured & Distributed by: Rolfes Agri (Pty) Ltd.  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Walitloo, 0184  
Gauteng, RSA. • Tel: (012) 803-0145  
[www.rolfesagri.co.za](http://www.rolfesagri.co.za)

### Emergency contact details

Office Hour Poisoning Helpline  
Rolfes Agri (Pty) Ltd.  
Tel: +27 (12) 803 0145

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### Spill Response and Transport incidents

Spill Tech, Oil and chemical pollution control  
Tel: +27 (86) 100 0366 / +27 (83) 253 6618  
[www.spilltech.co.za](http://www.spilltech.co.za)

Shake well before use • Store at room temperature  
Keep out of direct sunlight • Keep container closed when not in use



LIFT HERE

**PRECAUTIONS:**

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

**FIRST AID TREATMENT:**

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.
- **Eye contact:** Flush eyes with flowing cold water for several minutes, until no evidence of chemical remains. If irritation persists, get medical help.
- **Skin contact:** Remove all contaminated clothing and shoes. Gently wipe off residual chemical and wash skin thoroughly with non-abrasive soap. If irritation persists, get medical help.
- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If irritation persists, get medical help.

- **Ingestion:** If exposed or concerned, rinse mouth thoroughly with large amount of water and get medical advice.

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED.

Consult with your chemical distributor or the registration holder should crop specific programs or any other information be required. For optimum results **OCEAN N** should be used in a balanced foliar feeding program.

- It is advisable to do a miscibility test prior to mixing **OCEAN N** with other chemicals.
- **OCEAN N** should preferably be applied in the early morning or late afternoon.
- Shake well before use. Prepare for one application only. Do not store diluted fertilizer.
- Store in a well-sealed container away from sunlight.

**RECOMMENDATIONS:****FOLIAR APPLICATION:**

Apply using a fine spray nozzle to ensure good coverage. Use **AQUA-WET\*** as wetting agent.

CROP	RATE PER HECTARE	REMARKS
<b>Field crops &amp; Grain Crops</b>	5 ℓ / ha	Start application 3 weeks after emergence. Repeat application 14 days later.
<b>Deciduous Fruit</b> (Apples & Pears)	7 – 10 ℓ / ha	Apply as a full cover spray 2 weeks after the first flush. Repeat with intervals of 10 -21 days. Do not exceed 5 applications.
<b>Subtropical Fruit</b> (Avocado, Mango, Litchi, Macadamia, Banana)	15 ℓ / ha	Apply from bud swell to full flower and repeat during fruit set.
<b>Stone Fruit</b> (Apricot, Cherry, Peach, Plum)	7 – 10 ℓ / ha	Apply from bud swell to full flower, and repeat during fruit set.
<b>Cruciferae, Lettuce, Beetroot, Celery</b>	5 ℓ / ha	Start application 2 weeks after emergence or transplanting. Repeat application 14 days later.
<b>Cucurbits</b> (Pumpkins, Cucumbers, Butternut, etc.)	5 – 7 ℓ / ha	Start application 2 weeks after emergence or transplanting. Repeat application 14 days later.
<b>Citrus</b>	10 – 15 ℓ / ha	Apply first application post Harvest, prior flowering. Repeat 7 days after 100% petal drop. Apply the last application before November drop.
<b>Grapes</b>	5 ℓ / ha	Apply first application 2 weeks before full bloom and repeat at pea size.
<b>Potatoes</b>	5 – 7 ℓ / ha	Start application 3 weeks after emergence. Repeat application at onset of tuber initiation. Last application 3 weeks before leaf senescence.
<b>Soybeans, Groundnuts and Green Beans</b>	4 – 5 ℓ / ha	Start application at second trifoliate stage. Second application prior flowering (first flower buds). Last application at pod growth (30% of final length).
<b>Tomatoes and Peppers</b>	5 ℓ / ha	Start application 3 weeks after transplanting. Repeat application with 10 day intervals until 2 weeks before last harvest.
<b>Onions</b>	5 ℓ / ha	Apply at pencil stage, during bulb stage and 14 days after bulbing.

**NOTE:** Better results can be obtained when using **OCEAN N** in a tank mix with **1% ECKLOMAX\*\***

**FERTIGATION / SOIL APPLICATION:**

<b>CROP</b>	<b>RATE PER HECTARE</b>	<b>REMARKS</b>
<b>Field crops</b>	20 ℓ / ha	Apply through irrigation water or apply to the soil with suitable applicator. Use at least 5 – 10 mm water to wash it into the root zone to ensure adequate penetration of the product.
<b>Vegetables</b>	35 ℓ / ha	Apply through irrigation water or apply to the soil with suitable applicator. Use at least 5 – 10 mm water to wash it into the root zone to ensure adequate penetration of the product.
<b>Tree Crops</b>	45 ℓ / ha	Apply through irrigation water or apply to the soil with suitable applicator. Use at least 5 – 10 mm water to wash it into the root zone to ensure adequate penetration of the product.

**Aqua Wet Reg.** No. L6204; Act No. 36 of 1947

**\*\*Ecklomag,** Reg. No. B3728; Act No. 36 of 1947