



**Rate:**  
50 ml/knapsack



# Chitosan Liquid Fertilizer

## Stronger Onions, Fewer Losses.

### Key Benefits in onions

- ✓ Stronger root development
- ✓ Thick necks, firmer bulbs
- ✓ Healthier foliage – reduced fungal pressure
- ✓ Faster bulbing and uniform development
- ✓ Longer shelf-life and improved market quality



Organic



Export-friendly



Residue-Free



Increased ROI

**1st Spray**  
Nursery/Seedbed



**5–10 DAP**  
Root development,  
damping-off control

**2nd Spray**  
Post-Transplant



**7–14 DAP**  
Stress recovery,  
establishment

**3rd Spray**  
Vegetative Growth



**20–30 DAP**  
Leaf vigor,  
photosynthesis boost

**4th Spray**  
Bulb Initiation



**40–50 DAP**  
Enhances bulb setting  
and uniformity

**5th Spray**  
Bulb Expansion



**60–70 DAP**  
Increases bulb size  
and firmness

**6th Spray**  
Maturity Stage



**80–90 DAP**  
Improves storability,  
delays senescence

| Input                     | Value         |
|---------------------------|---------------|
| Extra Yield               | 1.5 tons/acre |
| Avg. Price                | KES 40/kg     |
| Gross Return              | KES 60,000    |
| Chitosan Cost (3L @ 2000) | KES 6,000     |
| Net Return                | KES 54,000    |
| ROI                       | 10x           |

**Testimonial**

"I used Chitosan and my onions looked healthier, bigger, and sold faster in the market!" **MGrace Muthoni Wambua – Kibwezi, Makueni County.**



**Available in**  
250 Mls  
500 Mls  
1 Liter

**Bioenemy Africa Limited**

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