

## 1 Vegetable Information

Vegetable Name: Pumpkin

Farm Size (perches): 20 - 200 perches

Farm Location (Districts): Monaragala, Anuradhapura, Rathnapura, Hambanthota, Mahaweli system H, Mathale

Soil Type: Well-drained sandy loam to loam soils

Soil pH Level: 6.0 - 6.8 Seed Source: Local seed suppliers, Department of Agriculture (DOA), Private Seed Companies, Traditional/Heirloom Seeds

Water Source: Rain-fed, wells, reservoirs, irrigation systems

Irrigation Methods: Furrow irrigation, drip irrigation, sprinkler irrigation

## 2 Growth Cycle

Planting Duration (Days): 75 - 120 days

Expected Harvest (kg per perch): 2.5 - 5.1 kg per perch

Actual Harvest (kg per perch): 2.0 - 5.5 kg per perch

## 3 Seed Details

Seed Requirement (g per perch): 0.2 - 0.3 g per perch

Seed Cost (Rs. per gram): 1.01 - 1.52 LKR per gram

## 4 Water & Irrigation

Water Requirement : 15 - 20 liters per perch per day

Irrigation Schedule: Every 3-5 days

Irrigation Cost : Rs. 0.5 - 2 per liter

## 5 Fertilizer & Pesticide Usage

Fertilizer Types:

Urea, Triple Super Phosphate, Muriate of Potash, Compost, Green Manure, Vermicompost,

Zinc Sulfate, Magnesium Sulfate, Boron

Fertilizer Application Method: Basal Application ,Top Dressing ,Foliar Application  
Fertigation,Band Placement

Fertilizer Application Frequency: Every 2-3

weeks

Fertilizer Quantity (kg per perch): 0.003 – 6 kg per perch

Fertilizer Cost (Rs. per kg): Rs. 20 – 600 per kg

Pesticide Types: Insecticides, Fungicides, Nematicides, Herbicides, Biopesticides

Pesticide Application Method: Spraying, soil application

Pesticide Application Frequency: Every 10-14 days during

Pesticide Quantity :10 - 20 ml per perch

Pesticide Cost : Rs.1000 - 3000 LKR per liter



## 6 Labor & Economic Factors

Total Labor Hours per Perch: 12 - 18 hours

Labor Cost per Hour : Rs. 300 - 500 LKR per

Market Price per kg : Rs. 60 - 120 LKR per kg

Total Revenue (per perch): Rs.150 - 660 LKR

Profit/Loss (Rs.): Highly variable, dependent on input costs and market prices.