

## PARSLEY

*Petroselinum crispum* (Leaf)

*Petroselinum crispum* var. *Tuberosum* (Turnip rooted)

**Origin:** Europe

**Edible Portion:** Leaf (and root of Hamburg type)

### SOWING AND PLANTING

**Climatic Requirements:** Temperate climate crop.

**Preferred Soil Type:** Fertile, well drained loams and sandy loams.

**Seed Required:** Direct seeding 3.25-3.50kg/ha, transplanting 2.50-3.0kg/ha.

**Optimum Soil Temperature Range for Germination:** 10.0-30.0°C.

**Emergence Time:** 12-29 days, optimum 14 days. Seed needs to be primed, by soaking in water for 24 hours, for optimum germination.

**Plant Spacing:** Direct seeding – In-row 1.5-2.0cm, between rows 45.0-50.0cm. Transplanted – In-row 15.0-20.0cm, between rows 45.0-50.0cm.

**Plants per Hectare:** Direct seeded – Approx. 500,000. Transplanted – Approx. 13,500.

**Method of Propagation:** Small areas are transplanted due to the slow and erratic germination on unprimed seed. Larger areas can be direct seeded but require primed seed to establish a satisfactory and even stand.

**Sowing Dates:** September to March.

### FERTILISER

**Optimum Soil Test Levels:** N = 100-150, P = 45-75, K = 12-15, Mg = 20-30, Ca = 10-15, Na = 1-10.

**Base Dressing (kg/ha):** N = 75.0, P = 75.0, K = 75.0. The base dressing is broadcast and worked into the soil prior to seeding or transplanting.

**Side Dressing (kg/ha):** N = 25.0. Applied in several applications over the season.

**Optimum pH Range:** 5.5-6.8.

**Lime Requirement:** Lime should be applied if the pH falls below 6.0.

### PESTS AND DISEASES

#### **Important Pests and Their Control:**

Alphids – diazinon, maldison

#### **Important Diseases and Their Control:**

Leaf spots – copper oxychloride, mancozeb, propineb



#### **Recommendations:**

Safe Fertilisers

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# Safe Fertilisers – Crop Info



## Parsley Program

### **Ground preparation:**

Apply; 1 tonne/ha Lime **or** Liquid Lime @ 20lt/ha in 300lt/water

### **Pre Plant**

Apply 100 Kg/Ha Alroc Extra Phos

Apply 20lt/ha Vital Activator, Boom spray with 200lt/ha water

### **At Planting**

**Option 1;** Apply 350 Kg/Ha NPK 9.5.7 Supablend

With 8lt Vital Phos in 200lt water Boom sprayed onto soil before planting

**Option 2;** Apply 300kg/ha NPK 15.3.8 Supablend

With 8lt Vital phos in 200lt water Boom sprayed onto soil before planting

### **In Crop Fertiliser requirements:**

#### **Nitrogen:**

Safe Coated Urea @ 80kg/ha

Alroc CBM @ 150kg/ha side dressed

#### **Multi Nutrients:**

2 x applications of Vital Mix@ 8lt/ha in 200lt water

This can be folia sprayed, aerial applied or put through an irrigation system.

The above mentioned application rates can be adjusted to what is economical. These adjustments may not provide the ideal nutrient ratios but should replace some of the nutrients that are removed by the crop.

#### **Neville Janke**

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#### **Disclaimer**

The above program will be affected by soil variation, testing errors, seasonal factors and management skills. Any recommendation should be acted upon as part of an ongoing fertiliser program. No responsibility can be accepted for any of the above matters or other matters that are beyond our control.

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