

# RED BEET

**Family:** Chenopodiaceae

**Scientific Name:** Beta vulgaris

**Adaptability:** 116 – 18°C (mean monthly temperature)

--- at higher temperature (27 °C),

vegetative growth is retard

**Maturity:** 75 to 85 Days After Sowing

**Planting Distance:** 10 cm X 25 cm

**Plant Population (per ha):** 400,000

**Seeding Rate:** 3 kg/ha

**Number of Seeds:** 70 seeds per gram

**Method of Planting:** Absolutely Direct Seeded

**Days From Sowing To Germination:** 7 to 10 Days

**pH Requirement:** 6 to 6.8



## Fertilizer Management:

<b>BASAL</b> <i>2 Days Before Transplanting</i>	<b>CHICKEN MANURE</b> + <i>(1 kg/ m<sup>2</sup>)</i>	<b>14-14-14</b> + <i>(20 g/ m<sup>2</sup>)</i>	<b>46-0-0</b> <i>(10 g/ m<sup>2</sup>)</i>
<b>1ST SIDEDRESSING</b> <i>20-25 Days After Planting</i>	<b>14-14-14</b> + <i>(3 bags/ha)</i>	<b>46-0-0</b> <i>(3 bags/ha)</i>	
<b>2ND SIDEDRESSING</b> <i>40-45 Days After Planting</i>	<b>14-14-14</b> + <i>(3 bags/ha)</i>	<b>46-0-0</b> <i>(3 bags/ha)</i>	

## Insect Management:

MAJOR PESTS	CONTROL	
<b>MAJOR PEST</b> <b>WEB WORM</b>	SUGOD 2.5 EC PERFEKTHION MALATHION	
<b>MINOR PEST</b> <b>APHIDS</b>	CARDINAL 50 SP SUGOD 2.5 EC DESISTIN 2.5 EC	PERFEKTHION SEVIN 75 WP FURADAN 3G
<b>MINOR PEST</b> <b>LEAFMINER</b>	CARDINAL 50 SP KILABOT 50 EC SEVIN 75 WP	

## Disease Management:

DISEASES	CONTROL
<p>MAJOR DISEASE <b>DOWNY MILDEW</b> <i>(PERONOSPORA PARASITICA)</i></p>	<p>PILARZEB 80 WP PILARICH 50 FW KUMULUS 80 DF</p>
<p>MINOR DISEASE <b>LEAF SPOT</b> <i>(CERCOSPORA)</i></p>	<p>PILARZEB 80 WP    BENLAKI 50 WP PILARICH 50 FW    RIDOMIL 68 WP</p>

**Harvesting:** --- uprooted with tops (leaves topped to 7-10 cm)

**Potential Yield:** 15 - 20 t/ha

**Postharvest Handling:** --- rapid cooling, using crushed ice or cold water to remove heat, helps retain good quality  
--- can be stored for 28 days (high RH and 0oC)  
--- can be stored for less than 7 days (high RH and 7oC)

