

## Brief Notes on Cultivation of Super Sweet White Corn

<b>Cultivation Environment</b>	<p>Warm and humid weather is preferred. Can be cultivated all year round locally. Grows well in thick and humus-rich sandy loam with good drainage and a pH value between 6.0 and 7.0. Different varieties of sweet corn should be cultivated at different times or at a distance of at least 300 to 500 m in between to avoid the quality of the sweet corn from being affected by hybridisation.</p>
<b>Planting and Spacing</b>	<p>Both transplantation of seedlings and direct seeding are preferable. It takes about 4 days for the seeds to germinate. Seedlings are ready to be transplanted once 2 pairs of true leaves appear (about 8 to 10 days after seeding). For direct seeding, sow 2 seeds into each pit. Pluck thin seedlings on and off and keep a healthy one after germination.</p> <p>Row and plant spacing should be 40 to 50 cm and 25 to 30 cm respectively.</p>
<b>Fertiliser Application and Management</b>	<p>Basal dressing: Apply 1 000 kg of compost and 50 kg of both peanut cake and bone meal to each d.c..</p> <p>Top dressing: Apply the first top dressing of 25 kg of both peanut cake and bone meal as well as 40 kg of organic fertiliser (N:P:K=4:3:3) to each d.c. 1 week after seedlings are planted.</p> <p>Apply the second top dressing of 25 kg of both peanut cake and bone meal as well as 120 kg of organic fertiliser (N:P:K=4:2:10) to each d.c. before the tassels appear (about 4 weeks after planting).</p> <p>Apply the third top dressing with the same amount as the second dressing after removing the second tassels (about 7 weeks after planting).</p>
<b>Plant Adjustment</b>	<p>Maintain moderate moisture in the soil and conduct light ploughing, earthing-up, weeding and thinning 2 to 3 times during the growth period. Remove lateral buds during the preliminary growth period to facilitate sturdy growth of the plant. If the second tassels are stout, keep them for harvest when they mature.</p>
<b>Harvesting</b>	<p>The plant is ready for harvest once the corn silk at the tips of the tassels turn brown, start to dry and curl and when the grains are plump (about 70 to 80 days after seeding). It is preferable to harvest in the morning and have the corns delivered to the markets for sale immediately.</p>