

# OFT 2- Bearing regulation in litchi through girdling of primary branches

<b>Problem diagnosed</b>	Irregular bearing at young stage of the plant in all litchi cultivars is a phenomenon constraint in general and alternate bearing in cultivar of China group in particular.
<b>Year of start</b>	2022-23
<b>Technology option</b>	<p><b>FP</b> : No girdling</p> <p><b>TO<sub>1</sub></b>: Circular girdling 2mm diameter on 50% primary branches during 1<sup>st</sup> week of September.</p> <p><b>TO<sub>2</sub></b>: Circular Girdling 4 mm diameter on 50% primary branches during 1<sup>st</sup> week of September</p>

Technology	Days to flowering after girdling	No of fruits per panicle	Fruit retention percentage	Fruit weight (g)	Yield (kg/plant)
FP	43.00	30.31	32.11	14.99	8.32
TO <sub>1</sub>	75.39	47.31	27.25	18.44	30.63
TO <sub>2</sub>	81.73	26.50	35.31	17.82	28.45
<b>C.D at 5 %</b>	2.35*	3.34*	2.56*	1.08*	2.06*

**Results:** Among all the treatments Technology Option 1 (Circular girdling 2mm diameter on 50% primary branches during 1st week of September) was found to be the best and gave maximum yield(30.63 kg/plant).

