

## Impact of RR II 105 in the rubber plantation sector

- \* The first indigenously evolved high yielding hybrid clone of India.
- \* This clone is widely cultivated across the country in more than 85% of the small holdings and estates.
- \* Net additional revenue added per annum by cultivation of this clone : Rs.2856 crores (US\$ 571 million).
- \* This single clone was responsible for the country achieving the highest productivity of rubber worldwide.

**Growth profile**

Year	5	6	7	8	9	10	11	12	13	14	15	16
Girth (cm)	30.3	37.9	43.2	47.5	50.9	54.8	57.0	59.1	60.9	63.5	65.5	67.7

**Yield in various stages of evaluation**

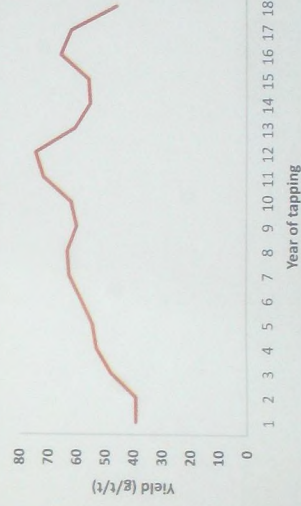
Mean over 18 years in SST (g/t/t)	64.2
Mean over 18 years in LST (g/t/t)	49.7

## Commercial yield\* in estate sector

Year of tapping	Yield (Kg/ha/yr)
1-5	1628
6-10	1892
11-15	1712
16-20	1531
21-22	1582
1-22	1712

\*Yield in small holdings is highly variable due to differences in tapping system, density of planting and management practices

**Yield profile**



### Secondary attributes

Girth at opening	:	Average
Girth increment on tapping	:	Average
Canopy	:	Dense, dark green leaves
Virgin bark thickness	:	Above average
Renewed bark thickness	:	Above average
Number of latex vessel rows	:	Above average
DRC	:	High

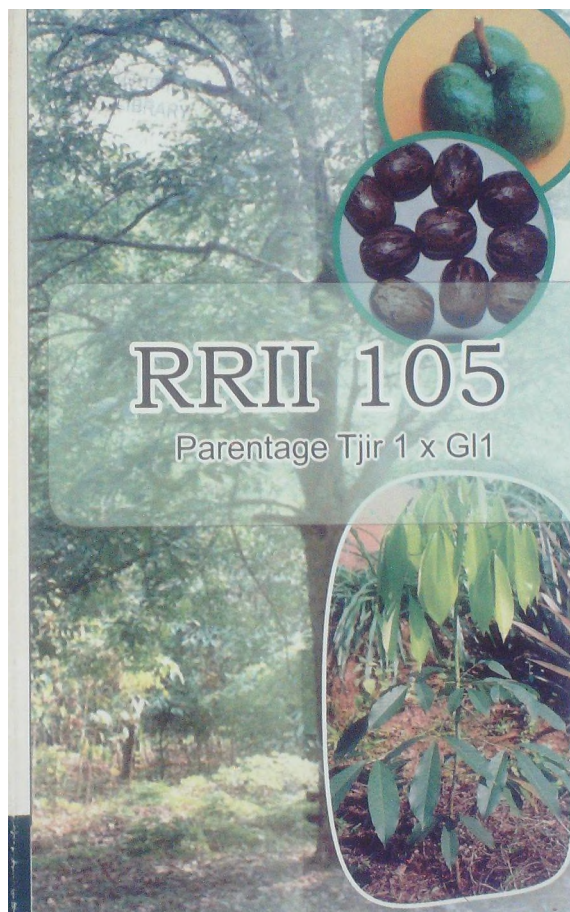
### Incidence of major diseases

Pink	:	Severe
Powdery mildew	:	Moderate to severe
Abnormal leaf fall	:	Mild
Shoot rot	:	Moderate to severe
Corynespora leaf disease	:	Severe
Tapping Panel Dryness	:	High



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# RRII 105

Parentage Tjir 1 x GI1