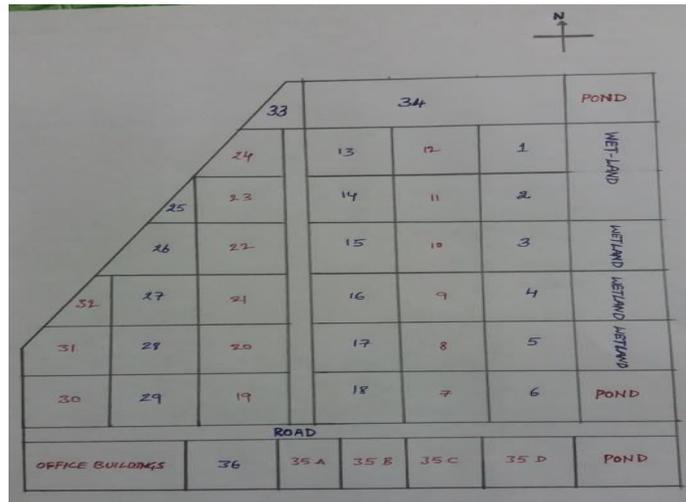


Name of the Research Station: Agricultural Research Station, Madhira



2. Geographical Layout

1.	Geographical position	:	Latitude: 17° 58' 'North Longitude: 79° 40' East
2.	Total area (ha)	:	17.26ha
3.	Cultivable area	:	15.95 ha

3. Year of establishment : 1945

4. Mandate

- To develop and identify high yielding varieties of greengram and blackgram suitable for different situations for round the year cultivation and with resistance to major pests and diseases and desirable seed quality
- To develop and identify high yielding, dual purpose jowar varieties for grain and fodder with good grain quality, resistance to pests and diseases suitable for maghi tract (late *kharif* for white jowar grain)
- To develop suitable agrotechniques for realizing higher yields in pulses

5. Significant achievements

PULSES

- A total of seven varieties - four in greengram, one in blackgram and two in redgram were released so far from pulses improvement scheme.
- Among the greengram varieties released from the station, MGG-295 (dull seeded, YMV tolerant, suitable for all seasons) is the most popular among the farming community in the state of Telangana and Andhra Pradesh.
- Greengram variety, MGG-351, released as Sri Rama is a high yielder with 70-75 days duration, YMV tolerant, and is suitable for rabi, summer and rice fallows.
- Blackgram MBG-207 released as *Madhira minumu* is a photo-insensitive variety suitable for all seasons with high yield (13q/ha), drought tolerant and matures in 75-80 days with bold shining black seed.
- Redgram MRG-1004 released as *Surya* is a high yielder with medium duration, long raceme, high rejuvenation capacity, medium bold seed and resistant to *Macrophomina* wilt.



MGG-351

JOWAR

- Two dual purpose white jowar varieties were released so far from millets improvement scheme.
- Among from them, MJ 278 (Kinnera) is very popular which is a dual purpose, drought tolerant with semi compact ear-head, white medium bold grain, moderately tolerant to stem borer, anthracnose and rust.



MJ-278