

## **Oryza research**

**Fields:** (field\_id, name, location, field\_size\_ha)

**Varieties:** (variety\_id, name, description, origin)

**Planting:** (planting\_id, planting\_date, seed\_rate)

**Harvesting:** (harvesting\_id, harvestdate, yield(ton/ha), quality\_grade)

**Soil\_Samples** (sample\_id, sample\_date, ph, organic\_matter, nitrogen, phosphorus, potassium)

**Weather:** (weather\_id, date, temperature(c), humidity, rainfall)

**Fertilizers:** (fertilizer\_id, name, type, application\_rate,date)

**Pesticides:** (pesticide\_id, name, type, application\_rate,date)

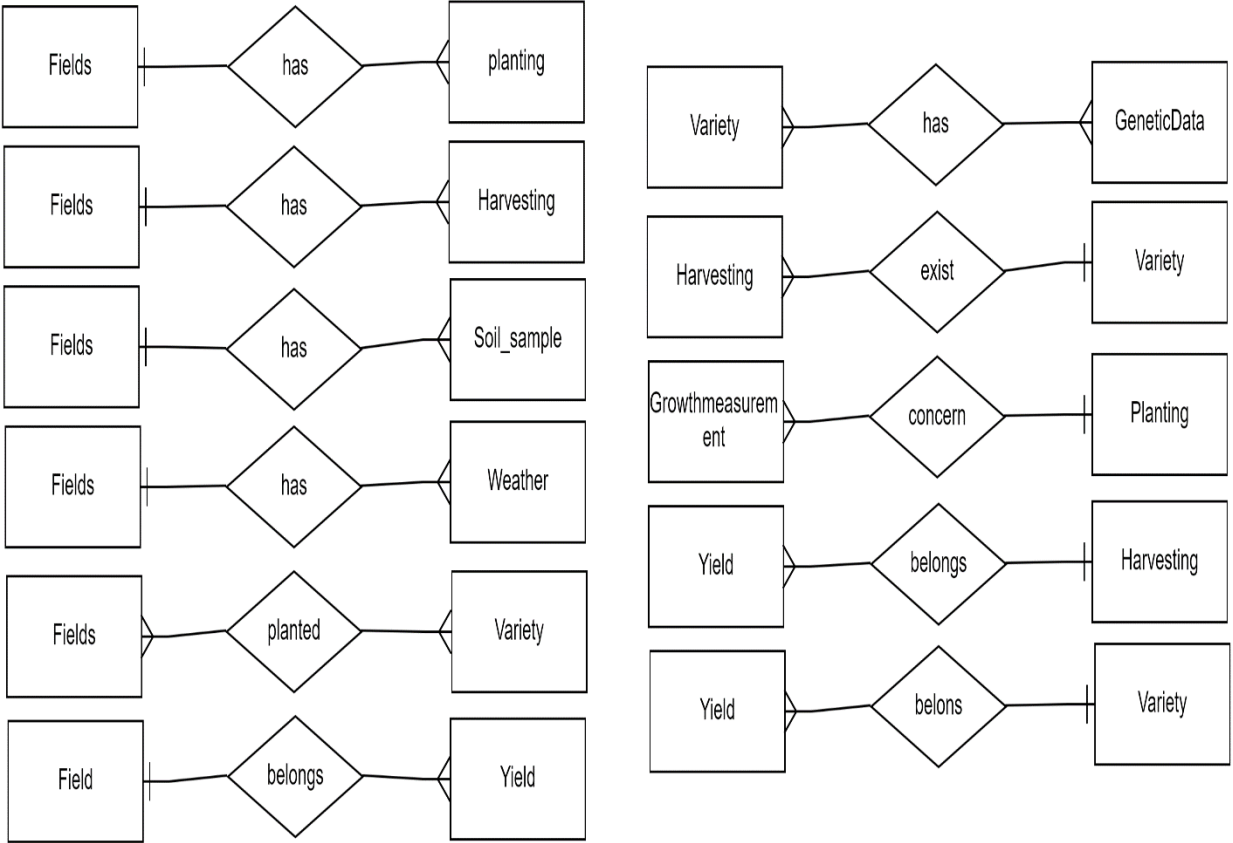
**Irrigation:** (irrigationid, date, method, water\_usage)

**Growth\_Measurements:** (measurement\_id, date, height, leaf\_color)

**Genetic\_Data:** (genetic\_id, gene, trait, research\_instute )

**Yield:** (yield\_id, yield\_quantity)

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