

## Site # 43, field 43A and 43B

### Site Description:

The site is a 17 acre field (43A) planted in cotton and irrigated with Low Pressure Drip and a 39 acre field (43B) planted in cotton and furrow irrigated. The soil type is Harlingen Clay. Field slope is approximately .0005' from the North and .0003' to the East. The drip system is supplied by Netafim and consists of an 8" lay-flat header with 4ml drip tape in every other furrow. The emitter spacing is 12". The water is supplied by a 3" centrifugal pump located in the HID pump house and filtered with a double disk filter.



### Sensor Installation:

One Furrow with a sensor site located 250' from the upper end. Each sensor site utilized 3 watermark soil moisture sensors at 6", 12" and 24" connected to an Irrrometer logger for data storage/retrieval. The data loggers were set to record soil moisture readings every 12 hrs. The meter is a Siemens Transit time meter located in the main supply line.