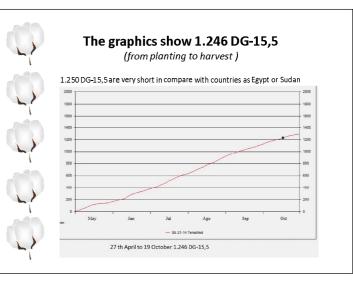




Introduction

- ELS fiber production began in Spain in 2007 and in 2014 reached 4,500 hectares with an average yield of fiber of 1,277 kg / ha
- The ELS varieties used by producers are only interspecific hybrid varieties
- Reason is that in ELS fiber only hybrids able to adapt to our GD-15,5







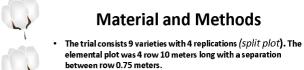
Material and Methods

The field was located in Seville (Spain SW 37º 4'N)

The soil type is called "Vertisol" (deep, fertile soil and its physical composition is clay loam)

Part of the land was irrigated by pivot and another part was irrigated by drip





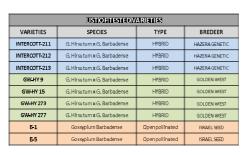
- The distance between repetitions was 2 meters.
- The Seeding was effected on April 27
- The population density was 100,000 plants/Ha





Material and Methods

Table of "ELS" varieties used in the test





Material and Methods



✓ Center Pivot Western 8120 model for 60Ha.

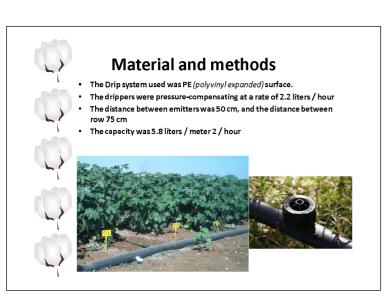
6-5/8" diameter spans and Overhang with Flexible drops at 1.2m over the ground, 15PSI Pressure Regulators and Nelson D3000 Sprays with Brown pads (For low crop as cotton).

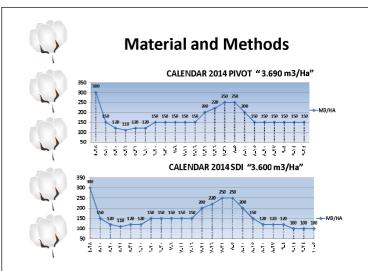
 ✓ High float Wheels and 1HP UMC gearmotors

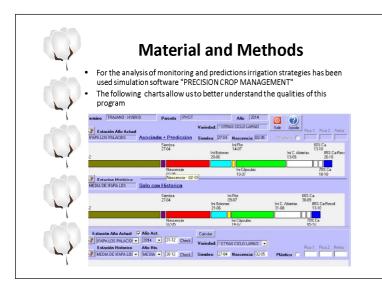
√ The approximate flow rate was 1,3 liters/seconds/hectare

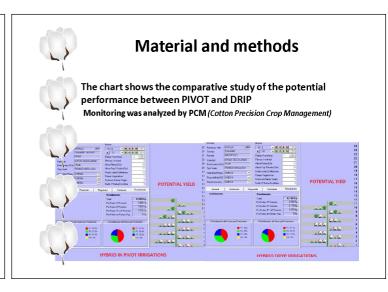


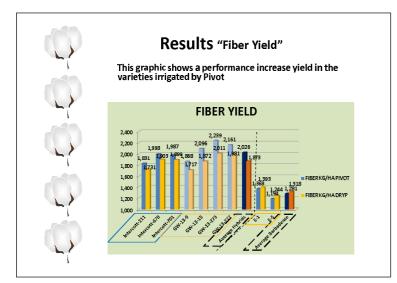


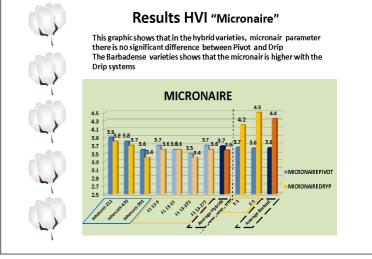


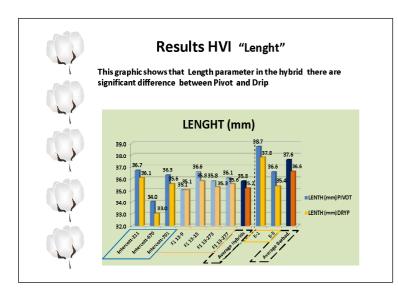


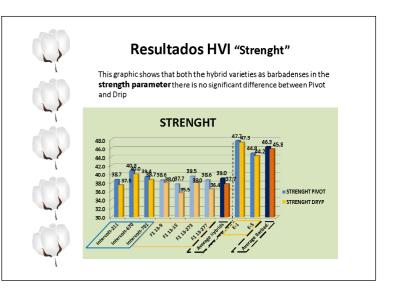














CONCLUTION

The results belong only to 2014, we will need the results of at least two more years to verify this data

In the year 2014 the conclusions were as follows

FIBER YIELD Kg/Ha.

 $\ensuremath{\textcircled{\odot}}$ Pivot irrigation demonstrated superior performance to $\ensuremath{\mathbf{Drip}}$ irriations

FIBER QUALITY (HVI)

© The results of the main quality parameters measured with HVI, only the **length parameter** has had slight differences in favor of Pivot irrigation



