Western

SUGAR CULTIVATION UNDER WESTERN PIVOTS

THE BEST OPTION FOR GROWING SUGAR CANE

Using pivots or linear systems, sugarcane crops achieve a significant increase in their yields.

Irrigation with pivots assures the correct and proper application of water to the crop and avoids deficiencies that can diminish production.

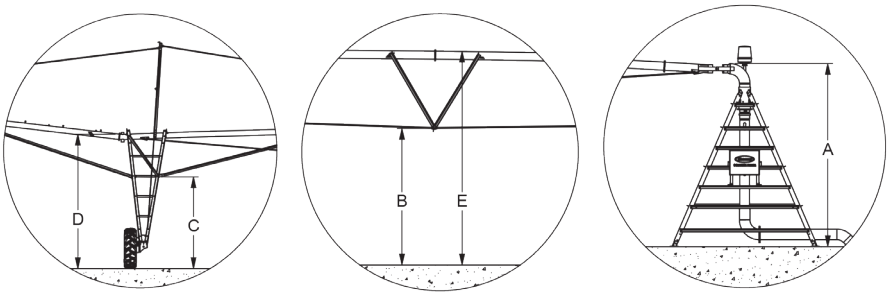
The benefits of using pivots with sugarcane:

1. Guarantees the appropriate application of water on the crop.
2. Save water and energy.
3. Improves the uniformity of water distribution.
4. Applies water with precision.
5. Maintains the distribution efficiency comparable to drip irrigation systems.
6. Reduces overflow and runoff.
7. Replaces manual labor.
8. Lowers maintenance costs.
9. Facilitates control and operation of fertigation and chemigation.
10. Allows remote-control operation.
11. Regulates the crop temperature, decreasing their perspiration.
12. Lowers investment costs.

Why use Western pivots with sugarcane crops?

- The Western systems are the most advanced on the market.
- The CP600 systems are structurally designed to work in the most complicated terrain and handle the most extreme weather conditions.
- Prolonged service life (from 25 to 35 years depending on the water quality and the completion of routine maintenance)
- Machines without limitations in terms of length.
- Screens that are easy to use and compatible with remote control technology.
- The system design guarantees easy assembly.
- Compatible with the latest generation of technology to control and monitor irrigation sessions.
- Professional service focused on the client and providing solutions.
- Extensive and professional distribution network.
- Constant training and updates for our dealers.
- Support in the development and design of complex projects.

SPAN DIMENSIONS	
	HIGH PROFILE
A=	5.33m
B=	5.02m
C=	4.52m
D=	5.92m
E=	6.68m



Irrigating sugarcane with pivots versus other systems.

- Of all the irrigation systems used in the world, the pivot system is the one that offers the **most efficiency and precision** to obtain the highest yields in sugarcane crops.
- Only about 50% of the water is absorbed through flood irrigation while the central and linear pivots can reach up to 97% absorption rates of the water used.
- The elevated precision in the application of water and the consequent augmented capacity ultimately increases plantation yields.
- Beside being more complete, irrigation with pivots is ecological and does not contaminate or leave residuales.

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