

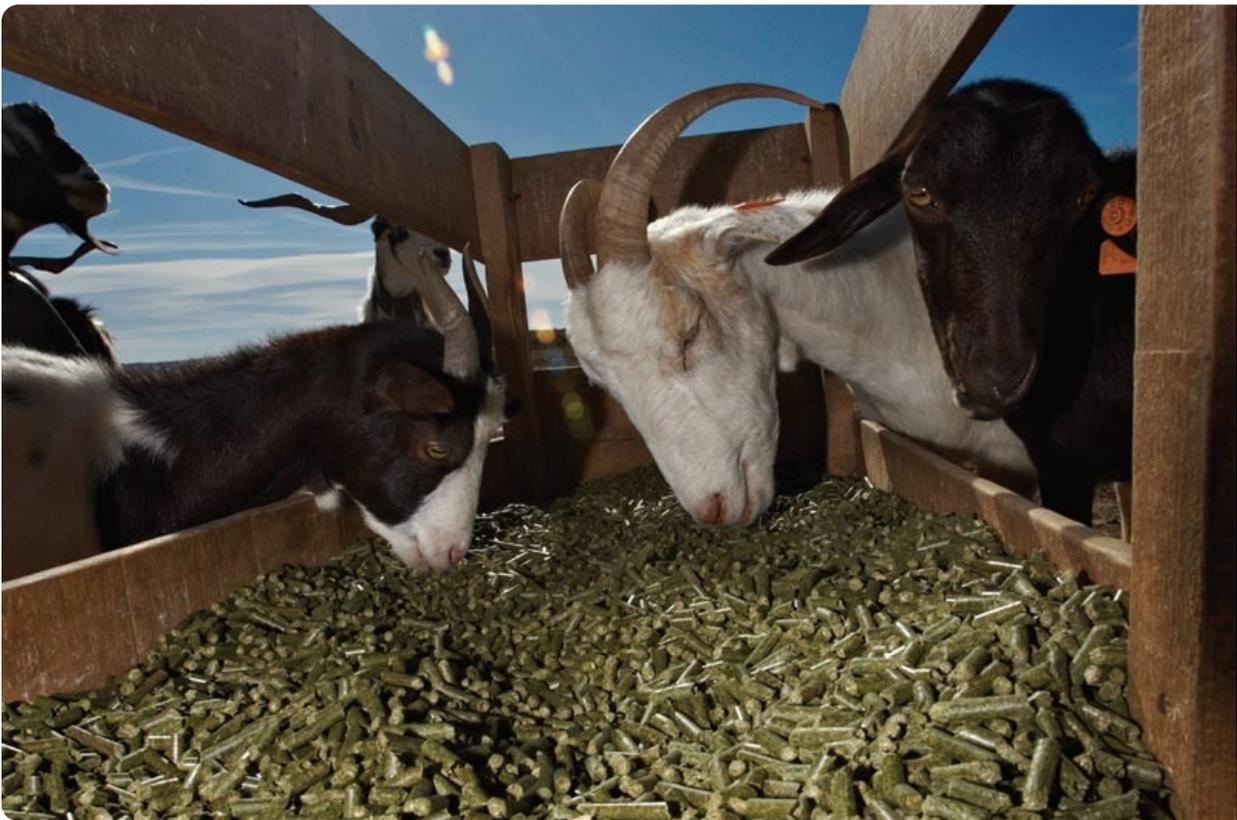


Product Portfolio

Jenaan is committed to producing high quality products including wheat, corn, hay and animal forage.







The Future for Farming

The future for farming lies in the effective management of resources. Seventy percent of the world's water supply is used for agricultural purposes. With growing demand for water and rapidly diminishing world water supply, the development of water efficient irrigation technologies have become crucial.

Floppy Sprinkler (Pty) Ltd has developed and patented worldwide, a new generation irrigation system called the Floppy Sprinkler system. This revolutionary design concept has dramatically challenged conventional irrigation system designs used over the past 50 years, up to 40% less water used per ton of produce than conventional systems.



WATER SAVING

The Floppy Sprinkler cuts uniform droplets with no mist formation. The South African Water Research Commission confirmed

efficiencies of %89.



ENERGY SAVING

Due to lower operating pressures and water saving, substantial energy savings are possible.



LABOUR SAVING

The Floppy system can be automated and a few technicians can manage large areas.



MAINTENANCE SAVING

The Floppy Sprinkler has no moving and wearing parts and therefore requires little or no maintenance. The oldest Floppy system has been successfully running for 22 years with minimum maintenance.



FLOW CONTROL

The Floppy Sprinkler is the only sprinkler in the world with a built-in flow controller. This ensures super accurate irrigation even on slopes.





INCREASE IN YIELD

With the Floppy system - irrigation can be scheduled more frequently - reducing the stress of the plants. The total root area is irrigated resulting in optimum root developments for top quality and high yields. Yield can increase up to 40%.



FERTIGATION, CHEMIGATION AND FOLIAR FEEDING

With a built-in flow controller, the Floppy system allows for fertigation and chemigation to take place through the system with ease. Plants are washed clean with each irrigation cycle for better photosynthesis.

Temperature

Dramatic reduction in temperature which reaches 6-7°C

High temperature will slow or stop the growth of the crop or plant, this system gives the ability to reduce the temperature of the irrigation field from 6-7°C and this ensures the optimal and continuation of the growth.

In very high temperature areas, this system gives the ability to perform a micro cooling climate which can irrigate to reduce the temperature of each farm approximately 6 Ha in 5 minutes then it will move on to the next farm until it completes 24 farms and start from the beginning. This means in 2 hours you can irrigate to reduce the temperature of 140 Ha (block). In a big project, every block (140 Ha) can work simultaneously, ensuring all the crops in the blocks can receive the benefit of temperature reductions at the same time.

Water Management

Irrigating too little will make the plant or crop to be under stress, which will slow or stop the growth of the crop or plant.

Irrigating too much will saturate the root zone, suffocate the roots and when the water drains from the root zone it will leach the nutrients.

