

AGRICULTURE AND ANIMAL HUSBANDRY

MUNI SEVA ASHRAM, GORAJ



Agriculture

- Kokum (*Garcinia indica*) has been grown and we have seen flowering for the first time this year
- About a 100 dragon-fruit plants have been planted
- Monsoon crop has failed due to heavy floods last year
- Availability of water for winter crops - chana, wheat, and mustard - and thus we had a bumper harvest
- Summer crops - moong, chikoo and mango will also get sufficient water

Animal Husbandry (Dairy Operations)

MSA operates four dairy cow operations with predominantly Gir cows while others being the Kankrej breed. The cows are fed Australian grass and Maize in general with Godrej daan as an added concentrate. We are constantly working towards improving our dairy operations with technology and know-how aid from one of our dairy experts based in New Zealand, Dr. Siddharth Vaishnav who keeps visiting us and also keeps a remote eye on our dairy operations.

Dairy Operation Highlights:

No. of cows: 670

No. of milking cows: 153

**Production of milk: 802
liters/day**

The cows produce the following products which are used for various activities across MSA:

- Milk: After feeding the calves, whatever milk remains we use it to suffice our dairy and dairy products requirement
- Cow dung: Huge amounts of cow dung that is generated from our operations is used to produce biogas
- Cow urine: Urine is used as a fertilizer in our agro operations