

## a. Crop management

Rice, wheat, dal (masoor dal, urad dal, moong dal, chane), vegetables, fruits, sugarcane. Produces around 4000 tones of wheat and 1400 tons of rice in respective seasons in a year.<sup>7</sup>

Planting of crops:

Seed is the most common natural propagation unit of plants. Large volume agronomic crops are raised from seeds either by directly planting them in the field or by transplanting the seedlings raised in seedbeds. The later is a common practice with paddy and several vegetables and ornamental crops. 6. Source: Book; Agriculture Operation, Dayalbagh Educational Institute

Classification of Crops:

Based on season:

Season	Crops
Kharif (July-October)	Paddy, maize, jowar, bajra, arhar, urd
Rabi (November-February)	Wheat, barley, gram, pea, masoor, mustard, sunflower, berseem
Zaid (March-June)	Muskmelon, bottle-gourd, pumpkin, bitter-gourd, water-melon, ridge gourd.

6. Source: Book; Agriculture Operation, Dayalbagh Educational Institute

Botanical classification:

Family	Crops
Brassicaceae	Mustard, rapeseed, taramira.
Malvaceae	Cotton, lady's finger (bhindi)
Fabaceae	Pea, moong, gram, lobia, beans, lentils, groundnut
Cucurbitaceae	Pumpkin, bottle gourd, ridge gourd, bitter gourd, tinda.
Solanaceae	Potato, chillies, tobacco.
Poaceae	Rice, maize, wheat, barley, oats, sugarcane
Apiaceae	Carrot, coriander, jeera.
Asteraceae	Sunflower, marigold.
Convolvulaceae	Sweet potato
Liliaceae	Onion, garlic.
Zingiberaceae	Ginger, turmeric

6. Source: Book; Agriculture Operation, Dayalbagh Educational Institute

Crop	Water management (one time crop)
Paddy, sugarcane, water melon, musk melon	Regular Water
Wheat	Three time water
Sarson, Moong, Bajra	Two time
Gram, Masoor, Urad	One time

6. Source: Book; Agriculture Operation, Dayalbagh Educational Institute