

Part-1

Empowerment of farmwomen through backyard poultry: Rearing practices

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Concept of backyard poultry: Raising a poultry unit for both meat and egg in the premises of house with no commercial feed may be considered as a practice of backyard poultry production.

Advantages:

- Less investment
- Easy and profitable occupation
- Employment opportunity
- Provides attractive colour egg and chicken to family
- Poultry litter can be used as very good manure
- Can be adopted by small, marginal and land less farm women

Poultry variety suitable for backyard:

1. Vanaraja
2. R.I.R
3. CARI Debendra
4. CARI Nirbhik
5. Grampriya



Poultry house:

- **Material** : bamboo, mud, paddy straw, wire net etc.
- **Floor space** : 2 sqft/bird
- Should be built at least 2 ft above the ground for protection from rat/snake/cat/jackal/etc.
- Provision for proper air ventilation with two windows and one door
- Concrete floor
- Should be cleaned daily
- Lime powder may be spread from time to time

Light and temperature requirement upto age of 30 days (during brooding):

- 100 watt electric bulb (one no.) needs to be fitted in the centre at a height of 2-4 ft depending on the necessity of temperature
- Per chick requirement: 2 watt in winter and 1 watt in summer
- Saw dust or paddy husk may be used as litter material

Feeding and drinking practice upto age of 30 days (during brooding):

- Sufficient clean drinking water provision 1gm glucose/ltr water may be added in the first day
- Change water 2-3 times/day
- Provide sufficient chick feed 2-3 times/day
- Introduce kitchen waste/ vegetable peels, boiled rice, puffed rice, broken rice, maize, wheat etc in feed to 7-8 days old chicks
- After 10 days chicks may go outside under supervision for scavenging

Feeding and drinking practice above age of 30 days (during growing period):

- After one month the chicks can move freely outside and collect their feed
- Keep drinking water pots in a place near chicks grazing area
- Provide kitchen/vegetable wastes etc. to the chicks while grazing
- During egg laying period (150-170 days of age) add liquid vitamin preparation like calomore, calvit etc. with water/feed to avoid deficiency of minerals like calcium and phosphorus



List of Organizations that provide information, input and technology regarding backyard poultry:

S. No.	Particulars	Organization
1.	Poultry chicks	Central Poultry Development Organization Jayadev Vihar, Bhubaneswar, Phone-0674(2421075)
2.	Poultry feed, Sale of egg and meat	Odisha State Poultry Products Co-operative Marketing Federation (OPOLFED), Laxmisagar, Bhubaneswar-06, Phone-0674(2570286/2573966/3267411)
3.	Technology	Central Poultry Development Organization ICAR-Central Institute for Women in Agriculture Opp. Kalinga studio, Baramunda, Bhubaneswar - 03, Phone-06742386220 ICAR-Central Avian Research Institute, Opp. Kalinga studio, Baramunda, Bhubaneswar-03, Phone-0674(2600686)
4.	Loan	National Bank for Agriculture and Rural Development (NABARD), Nayapalli, Bhubaneswar; Commercial Banks
5.	Disease prevention	Regional Veterinary Office, Odisha