

Breeds of Poultry

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Classification of birds

- Class : Aves (Feathered,
- Subclass : (i) Archaeornithes – Fossil
 - (ii) Neornithes – Without teeth birds
 - (a) Raticae – Flightless

Orders – Galliforms (Short wings/legs, toes adapted for scratching/running)

Family	Common name	Scientific name	Chromosome Number
Meleagridiae	Turkey	<i>Meleagris gallopavo</i>	80
	Japanese quail	<i>Coturnix japonica</i>	78

Family	Common name	Scientific name	Chromosome Number
Phasianidae	Pheasant	<i>Phasianus colchicus</i>	82
	Fowl	<i>Gallus domesticus</i>	78
	Pea-fowl	<i>Pavo cristatus</i>	80

Ansariforms (Aquatic birds)


Family	Common name	Scientific name	Chromosome Number
Antidae	Gosse	<i>Aser anaser</i>	80
	Muscovy	<i>Cairina maschata</i>	80
	Duck	<i>Anas platyrhynchos</i>	80

Orders (domestic birds)

- **Columbiformes** – Pigeons (*Columba livia*), Doves
- Psittaciformes – Parrots (*Psittacopes*)
- Passeriformes – Sparrow (*Passer domesticus*,
Canary (*Serinus canaria*))

Classification of fowl

- Meat type
- Egg type
- Dual type
- Game
- Ornamental
- Bentham

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- **Breed** denotes an established **group of bird** having the same general **bony shape, weight and some common characteristics.**
 - **Varieties** **sub-division of breed** based on colour, shape, pattern, types of comb, feather pattern
 - **Strain** is used to denote a given breeder who has done the breeding on the bird and has introduced certain **economic characters** in the bird.

Classification of chicken

- American
- English
- Mediterranean
- Asiatic

American

Rhode Island Reds

- New England
- (a) Single (b) Rose Comb
- Brownish red
- Long, rectangular body, which is also a broad and deep.
- Good meat

Rhode Island Reds



Plymouth Rock

- Bird good size, good egg laying abilities, long bodies and have a good depth of body.
- **Seven** varieties : 1 Barred 2. White (**broiler**) 3. Buff
4. Silver pencilled 5. Blue 6. Partridge
7. Columbian



New Hampshire

- Colour is Light salmon
- Body is less rectangular than RIR
- Good producer of **large brown shelled eggs**.

New Hampshire



English

Sussex

- England
- **Primary** table birds
- Light : The variety to lay well during **summer months**
of India
- Red



Australorp

- The breed was developed in Australia
- Good **dual** purpose
- Principally for **egg production** rather than meat
- “**Austro White**” a hybrid X between **Australorp male X White leghorn female** has proved to be an excellent layer with good vigour and is **maintained in flocks in commercial egg farms of India.**



Orpington

- Kent in England
- Single comb
- Four varieties 1. Buff (**mush popular in America**) 2. Black 3. White 4. Blue
- Buff : it was evolved from buff Cochin, Dark Dorking, Golden spangled Hamburgs



Mediterranean

Leghorn

- Italy
- Important and **most popular**
- World's **number one egg** producer(280)
- 12 varieties (only **3 popular**) 1. Single Comb White 2. Single Comb Buff 3. Single Comb Light brown
- Small, active, compact, neatest of all birds
- Most popular breeds throughout the plains of India
- Stylish carriage



Minorca

- Originally called Red-Faced Black Spanish are the largest and **heaviest** of Mediterranean breeds
- An **excellent producer of large white eggs(220)**.
- Colour of skin white, egg shell is chalk white in colour
- This breed was at one time even more popular than Leghorn



Cornish

- **White variety** is most popular as **meat type** breed.
- Male is extensively used in different crosses for **broiler production**

Anconas

- Ancona in Italy
- 1. Single 2. Rose comb
- It **resembles to Leghorn** in shape and size
- Small, active, alert and black with white tipped feathers.
- Lay fairly good but small size eggs

Asiatic

Brahma

- Brahmaputra valley where birds of their ancestral type known as “Grey Chittagong's”
- Three variety Light, Dark, Buff

Cochin

- Shanghai area of China
- The comb is **single**
- Buff, Black and Partridge

Indian

Aseel/Indian game

- The best specimen are found in U.P. Rajasthan.
- Most regarded breed
- Most popular variety are **Peela**(golden red),
Yakub(black and red), **Nurie**(White), **Kajal**(black),
Chitta(spotted black and white), **Jawa** (black),
Teekar(brown)

Bursa

- Kathiawar around Bombay

Chittagong

- Eastern India
- It is **large bird** measuring sometimes **75** cm from beak to toe

Karaknath

- “**Kalamasi**” meaning black meat
- Found in tribal area of Jhabua
- Plumage colour varies from silver and gold spangled to bluish black.
- The skin, shank, toes, are slate in colour.
- Comb, wattles and tongue are purple
- Egg colour is brown
- Cock (1.5), Hen (1)

New chicken breeds in India

- 19 breeds of chicken in India
- Kaunayen Manipur(2016)
- Hansli Odisha (2017)
- Uttara Uttarakhand(2018)