

## Population Sizes and Structure of GPS

A typical day-old Grandparent package is given in following Table

	Male Line		Female Line		Total
Line	A	B	C	D	
Sex	Male	Female	Male	Female	
DOCs number	500	555	500	1850	3405
1 <sup>st</sup> selection at between 4 - 5 weeks of age	Culling of weak, deformed and unhealthy birds				
2 <sup>nd</sup> selection at between 18 - 21 weeks of age	Again, culling of disqualified birds				
Final number & Percentage of birds retained after 2 selection	50 (10%)	510 (92%)	175 (35%)	1702 (92%)	2437/2451 (72%)

- At day old in male line the female number is 11% higher than the male
  - At day old in female line the female number is 3.7 times higher than the female number of the male line
  - At day old in both male and female line the male number of birds are almost same
  - The birds should be culled at the age of 4-5 weeks of age and 18-21 weeks of age
  - After final selection 10% & 35% male will be retained in male and female line flock.
  - After final selection 92% female will be retained in both lines.
- *Note: Changes to this day-old package size may be required due to environmental constraints such as feeder space, floor area or stocking density. Any adjustments to package size should be discussed and agreed with GPS Business representative.*

