

# Selection of Bucks & Does Khomotso Kgaswane Scientific Production Technician Rabokala 17 August 2022





#### WHAT IS SELECTION?

 Method to improve the flock genetically Helps in deciding which animals will be parents
The aim is to increase / improve the desired genes not to produce new genes
Identify the traits of greatest economic importance
The more traits involved in selection, the less improvement will result for a single trait
Select superior animals from the flock and cull inferior



Should be done at wean and before mating.

Cull the non pregnant ewes, the ones with poor mothering ability, the ones with udder deficiency.

Depends on the condition, marketing could be done at this stage.

Selection of the proper type is only the beginning . Proper health and nutrition play a major role in the growth and development of your goat. **But:** With selection you will reach your goal.



**Records are very helpful during selection** 

## Why & When?

#### TO IMPROVE.....

- Fertility
- Reproduction
- Growth
- Adaptation
- Meat

- At Wean:
  - Kids
  - Does

- Before mating:
  - Replacement Does
  - Mature Does



### **THE BUCK**

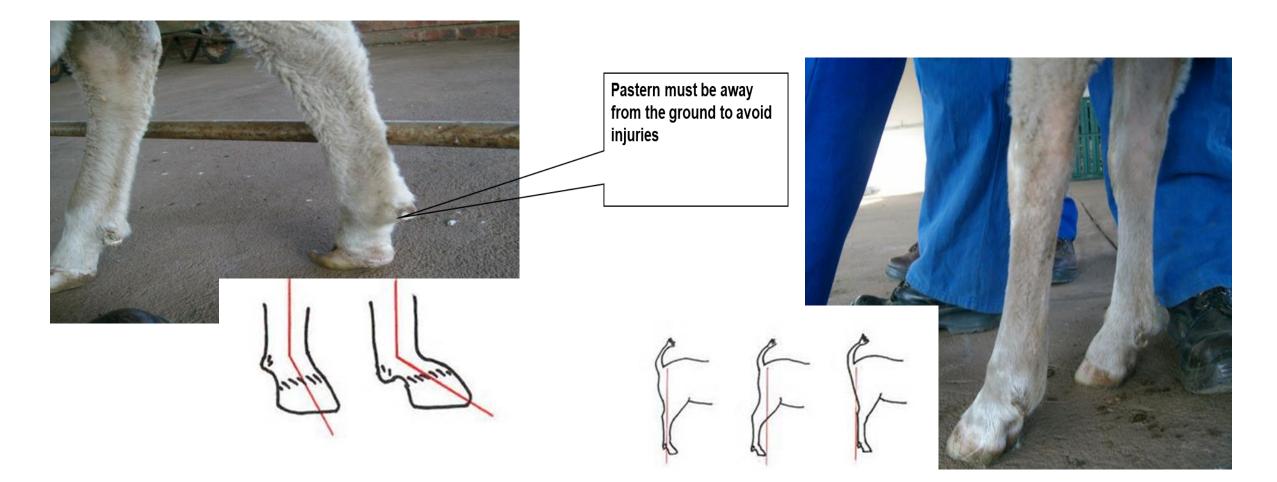


The legs should be straight and set squarely under the corner on the body. The buck must how presence



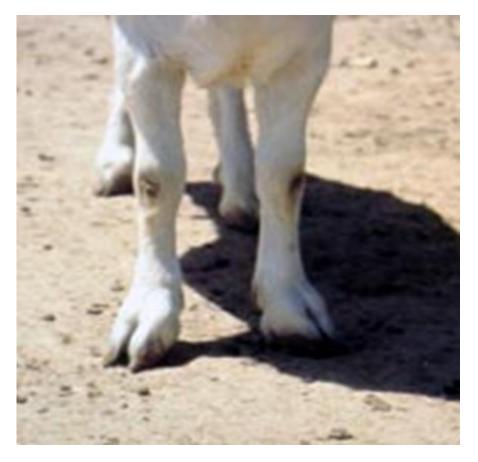
**Rural Development** griculture and Rural Develop

North West Provincial Government REPUBLIC OF SOUTH AFRICA





#### **UNWANTED WHEELS**







Agriculture & Rural Development

# The engine and paddels



- 1. One of the important factor when evaluating ram's breeding potential is testicles size.
- 2. Testicles should be firm when palpated and of equal size.
- 3. The is correlation between testicles size and semen quality.
- 4. Scrotum circumference should be 35cm at the age of 15-months of age.

### The bigger the better



Agriculture & Rural Development

culture and Rural Development h West Provincial Government PUBLIC OF SOUTH AFRICA













#### **Remember to buy a buck for the does**

Agriculture & Rural Development Agriculture and Rural Development North West Provincial Government REPUBLIC OF SOUTH AFRICA

# THE DOE





Agriculture & Rural Development



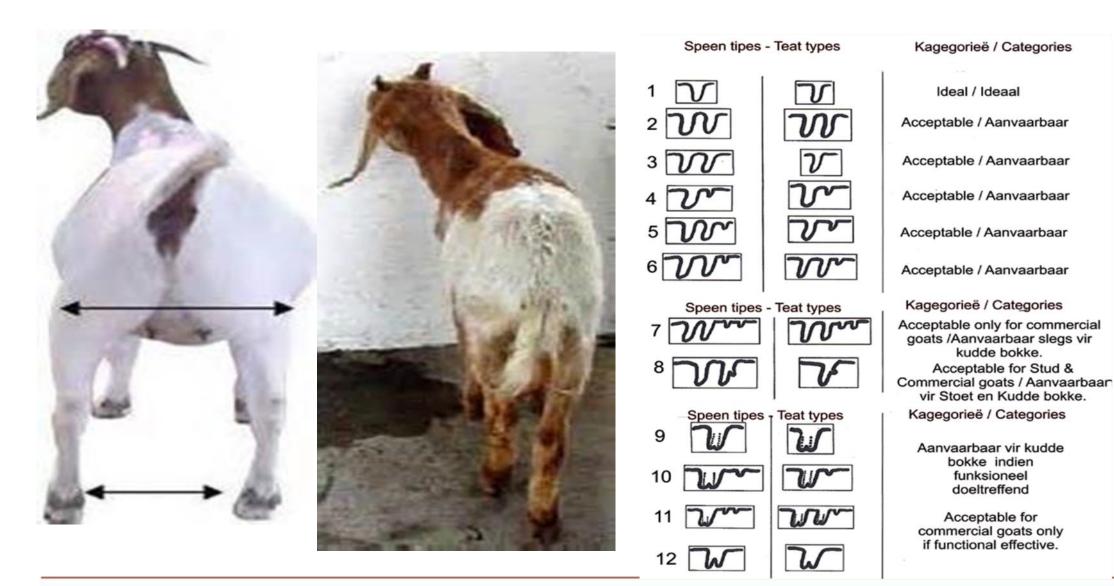


Agriculture & Rural Development Department:









Agriculture & Rural Development Department: Agriculture and Rural Development North West Provincial Government REPUBLIC OF SOUTH AFRICA

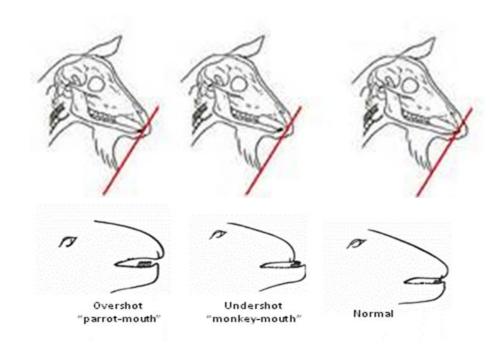




## The mouth

• I







Agriculture & Rural Development

# **Meat - Muscling**

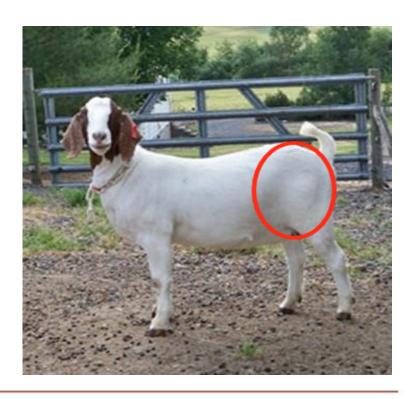
• I

**Muscling** (Growth and expression)

- The shape of the loin and size of the forearm.
- Should be broad, thick back

and loin – firm and hard.

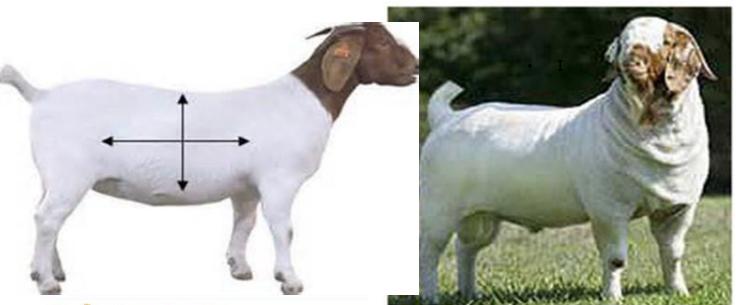






#### **Body Conformation:**

Rectangle in appearance from the side. Straight level top and bottom line Relationship of body length to body depth = to volume and capacity. Should be long bodied with adequate depth and spring of rib. Avoid short- ,shallow bodied, narrow based or flat ribbed



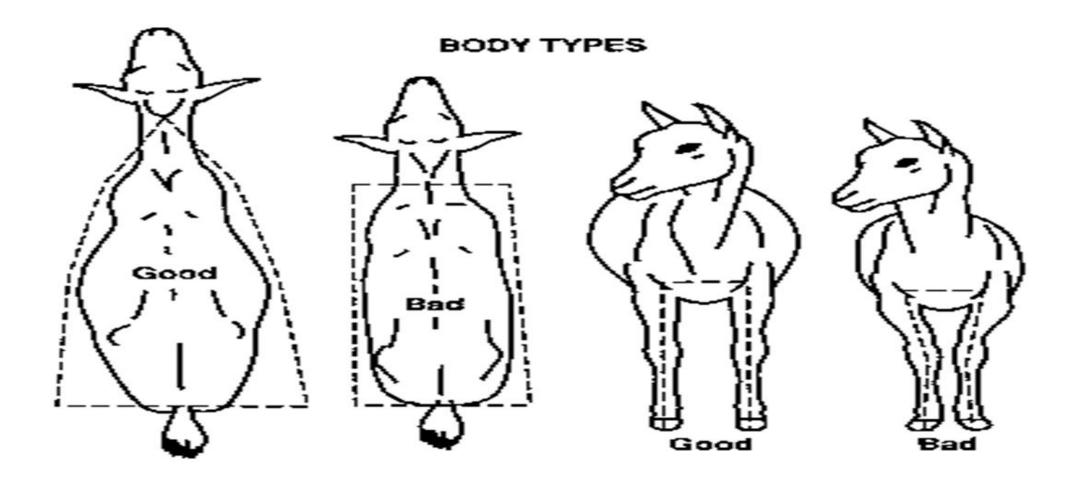




Culture and Rural Development h West Provincial Government UBLIC OF SOUTH AFRICA











Is she done? A o feditse?



#### **LETS NOT GET DISCOURAGED**





