

# Right methods of fertilizer use

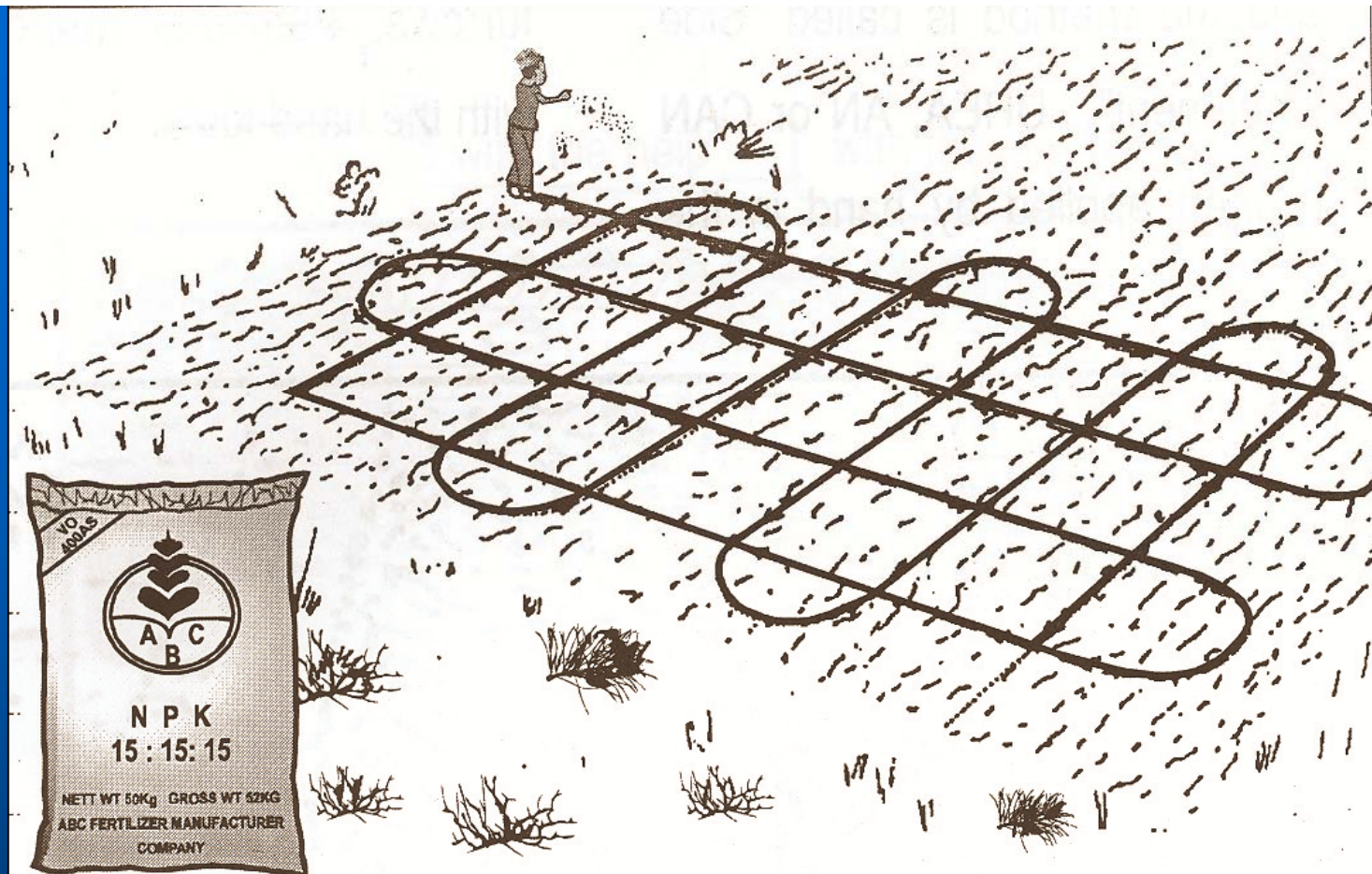
## OBJECTIVE

- Placement at right location in soil
- Timely and easy access to nutrients
- Reduce leaching and
- Minimize run off losses
- Reduce loss by volatilization
- Slow release wherever possible

# Hand Broadcasting Topdressing Tests







# Hand Broadcasting Basal fertilizers

# Placement with Seed cum Fertilizer Drill





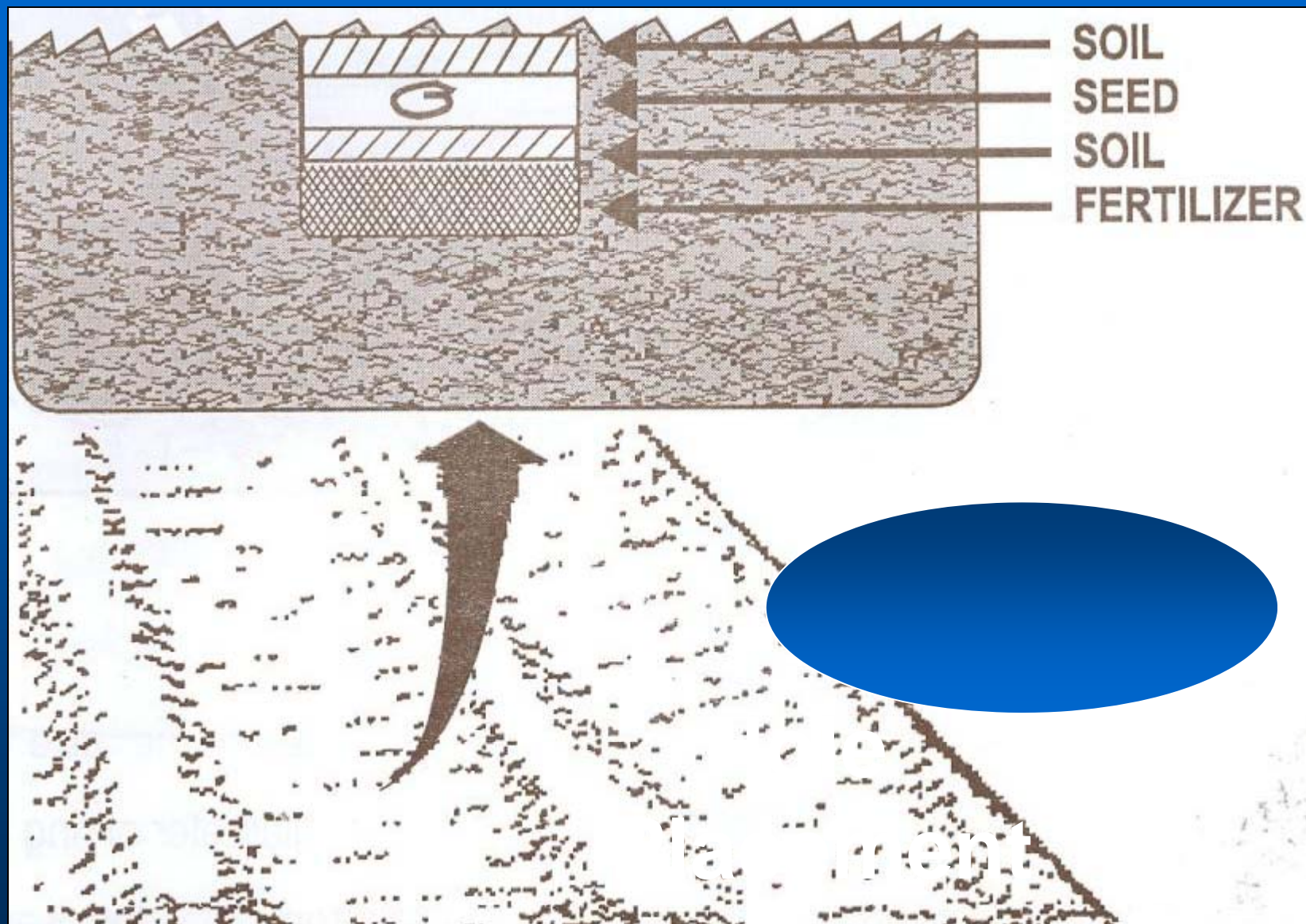


## Hand Placement In furrows





**Side Placement  
In furrows**







# Ring Placement



# Guide for Fertilizer Mixing

Potassium chloride	Potassium sulphate	Sulphate of potash magnesia and shoenite	Ammonium nitrate	Calcium Aminoniom nitrate	Urea	Superphosphate, single and triple	Ammonium phosphates	basic slag	Rock phosphate (powdered)	Calcium carbonate (Line)
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☐ Fertilizers which can be mixed.  
☐ Fertilizers which may only be mixed shortly before use  
☒ Fertilizers which cannot be mixed (for chemical reasons).

Bonemeal which is often used as "drier" may be mixed with other fertilizers.

# Right time of fertilizer use

## OBJECTIVE;

**Making nutrients (food) available to plants at right stage of growth**

**Stop fertilization when not necessary**



# Right time of fertilizer

- **Apply total Phosphorus and potash before or at the time of planting**

**Apply 30% Nitrogen after germination and remaining in 2-3 dozes.**

**Stop when plants reach flowering stage**

**Apply after irrigation or rain**

**Do not apply urea in flooded fields**