

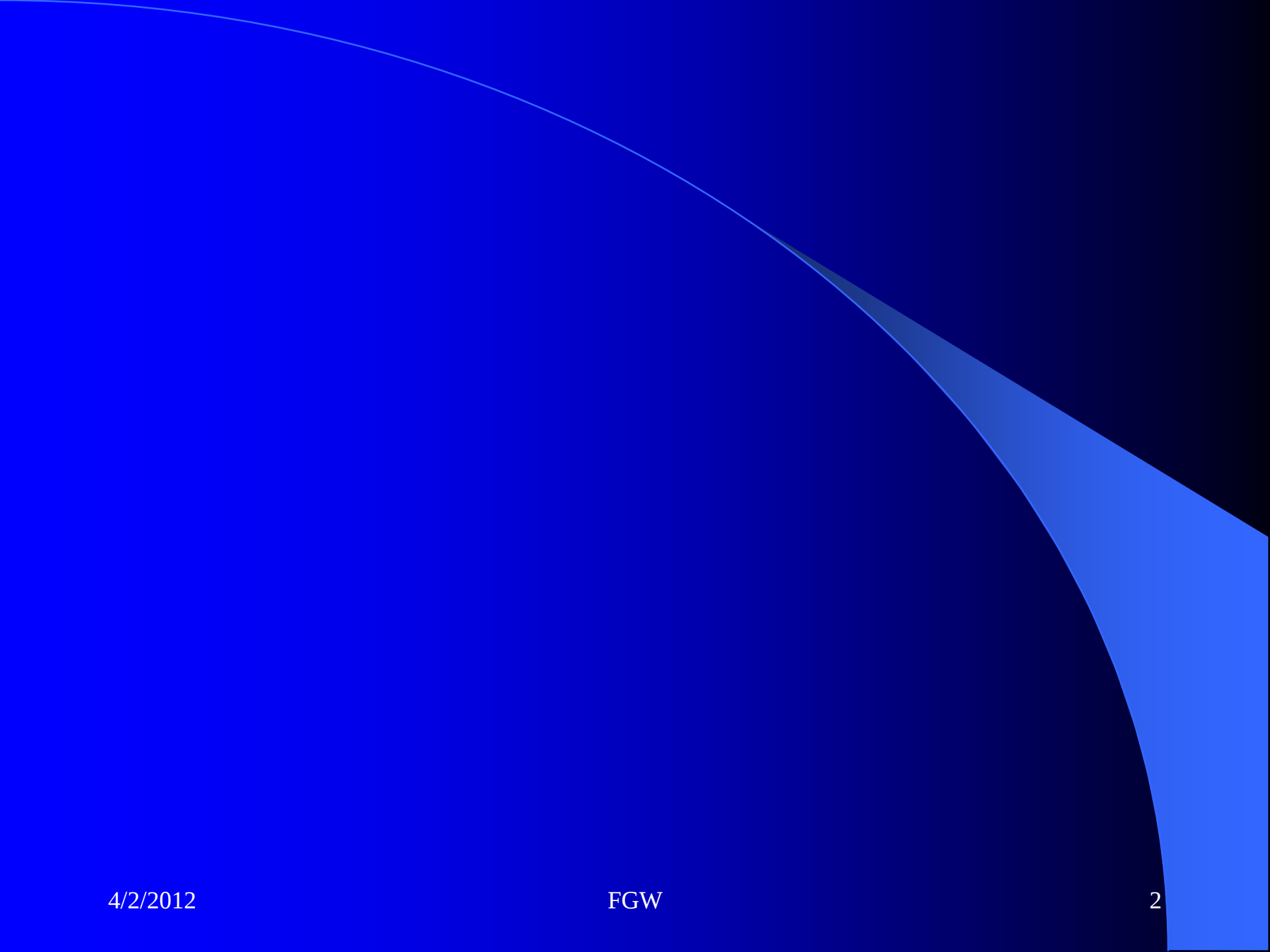


Conventional
farming



Farming God's
Way

THE SCIENCE:
"WHY we do the HOW"



4/2/2012

FGW

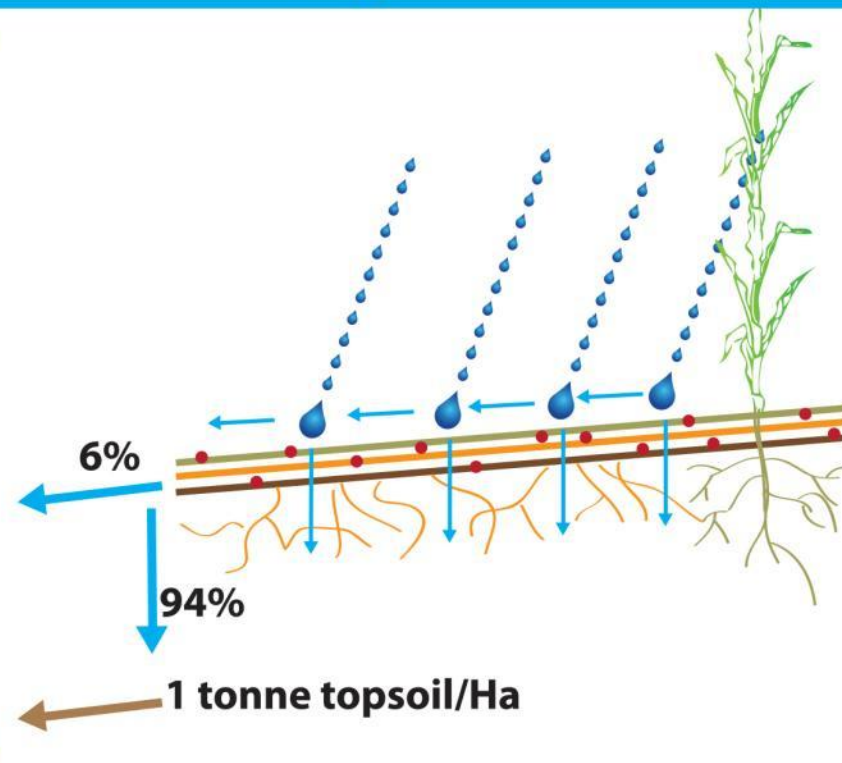
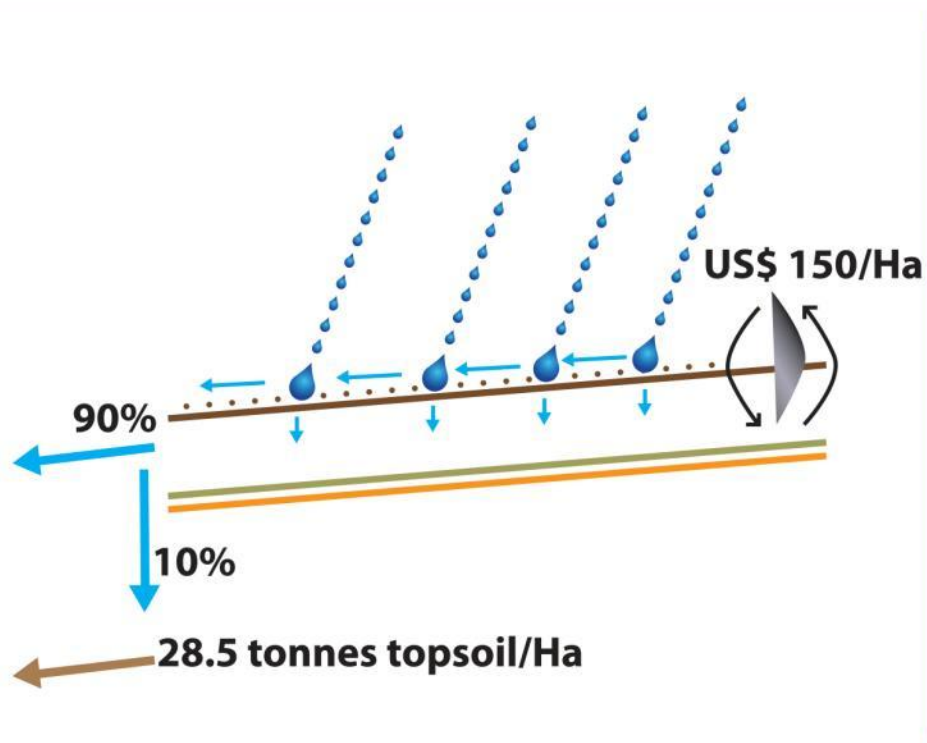
2



FOUNDATIONS FOR FARMING

SIMULATED STORM TRIAL

50mm RAIN 30 Minutes 4% Slope



Conventional Farming

100mm
Rainfall

Bare soil surface

90mm
Runoff

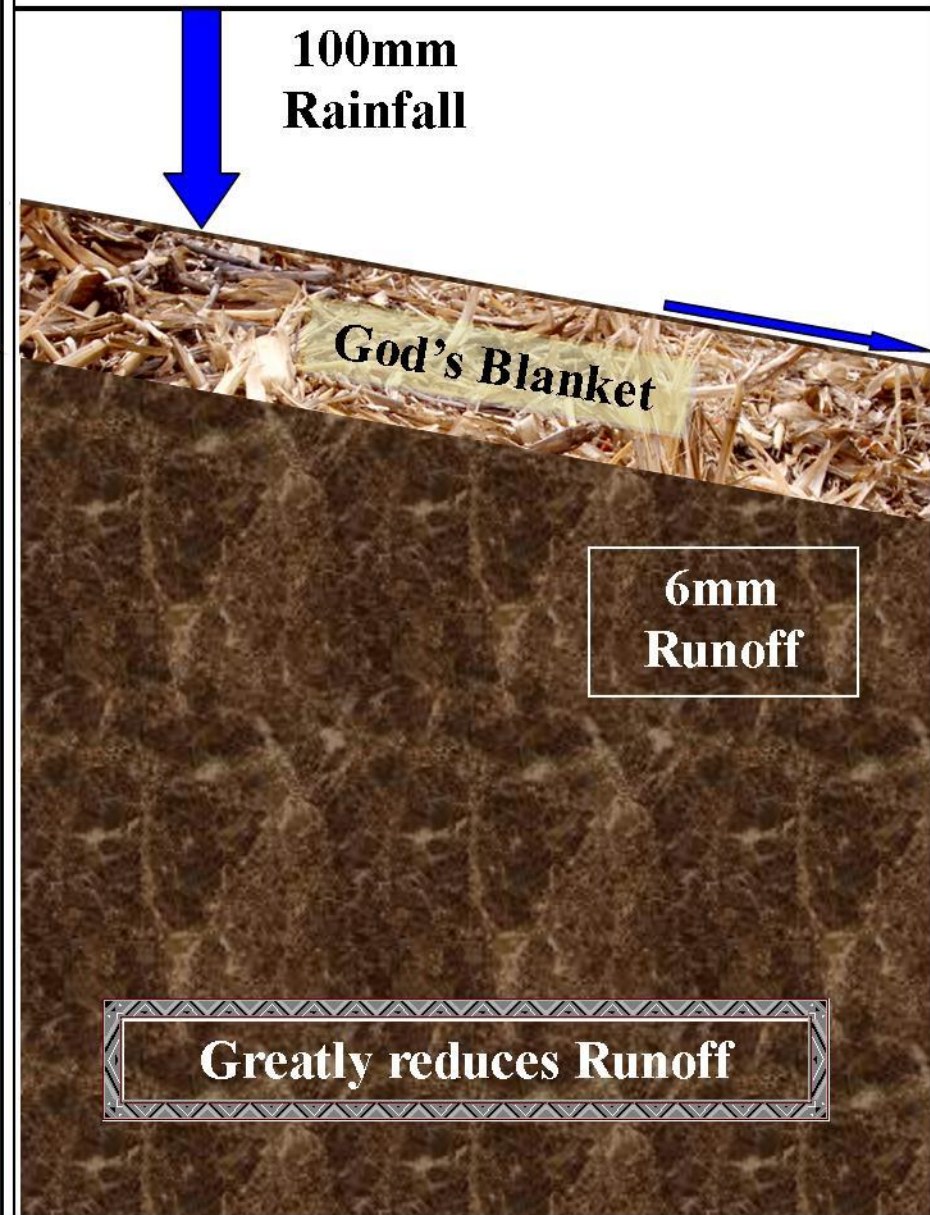
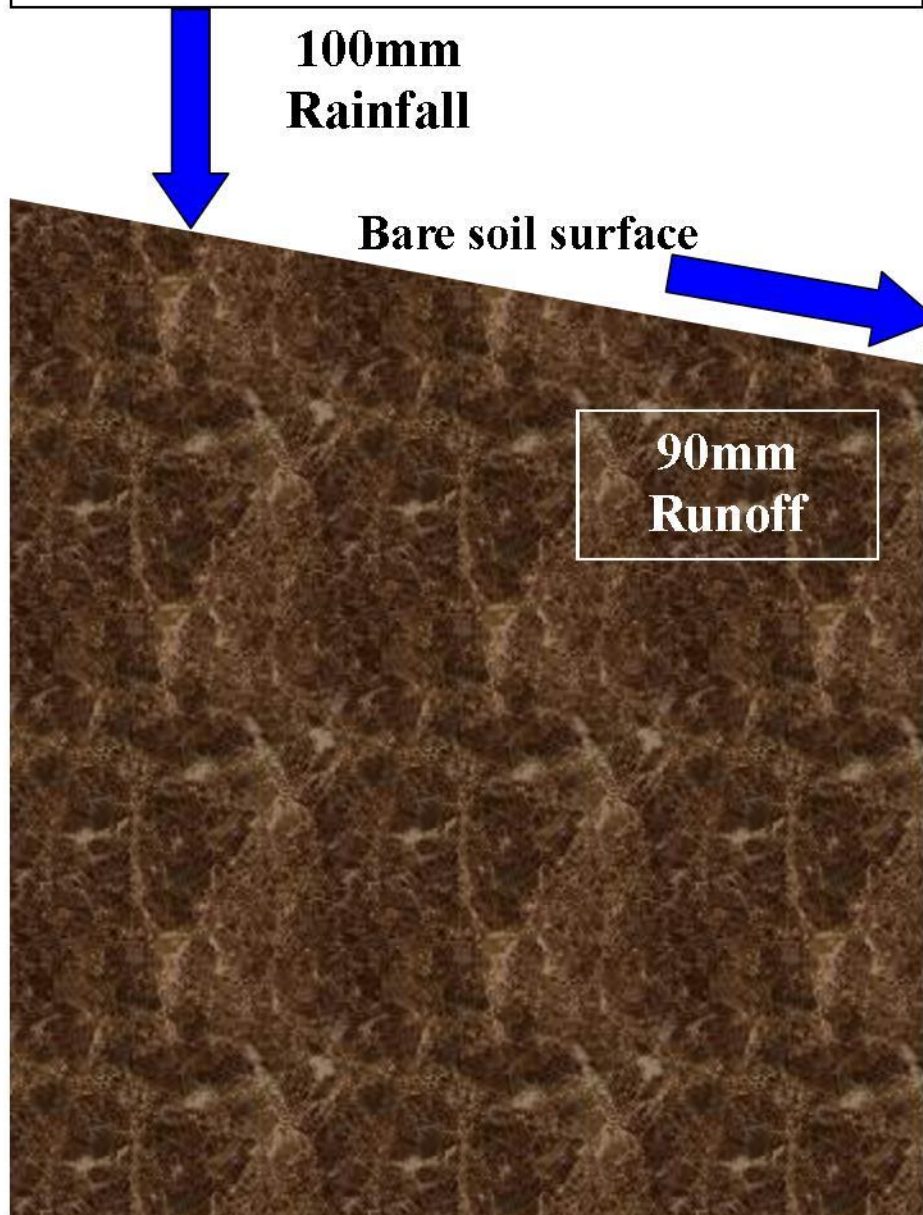
Farming God's Way

100mm
Rainfall

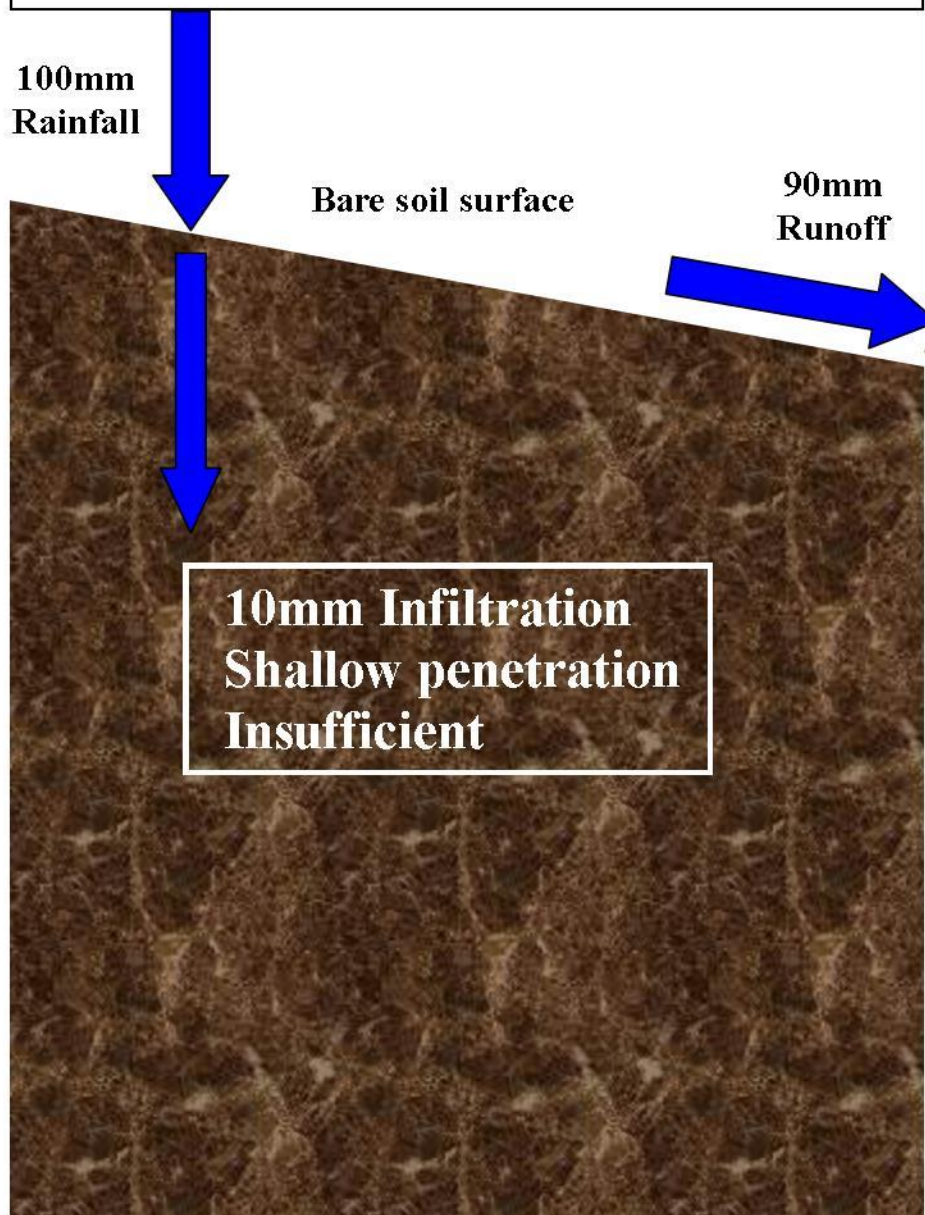
God's Blanket

6mm
Runoff

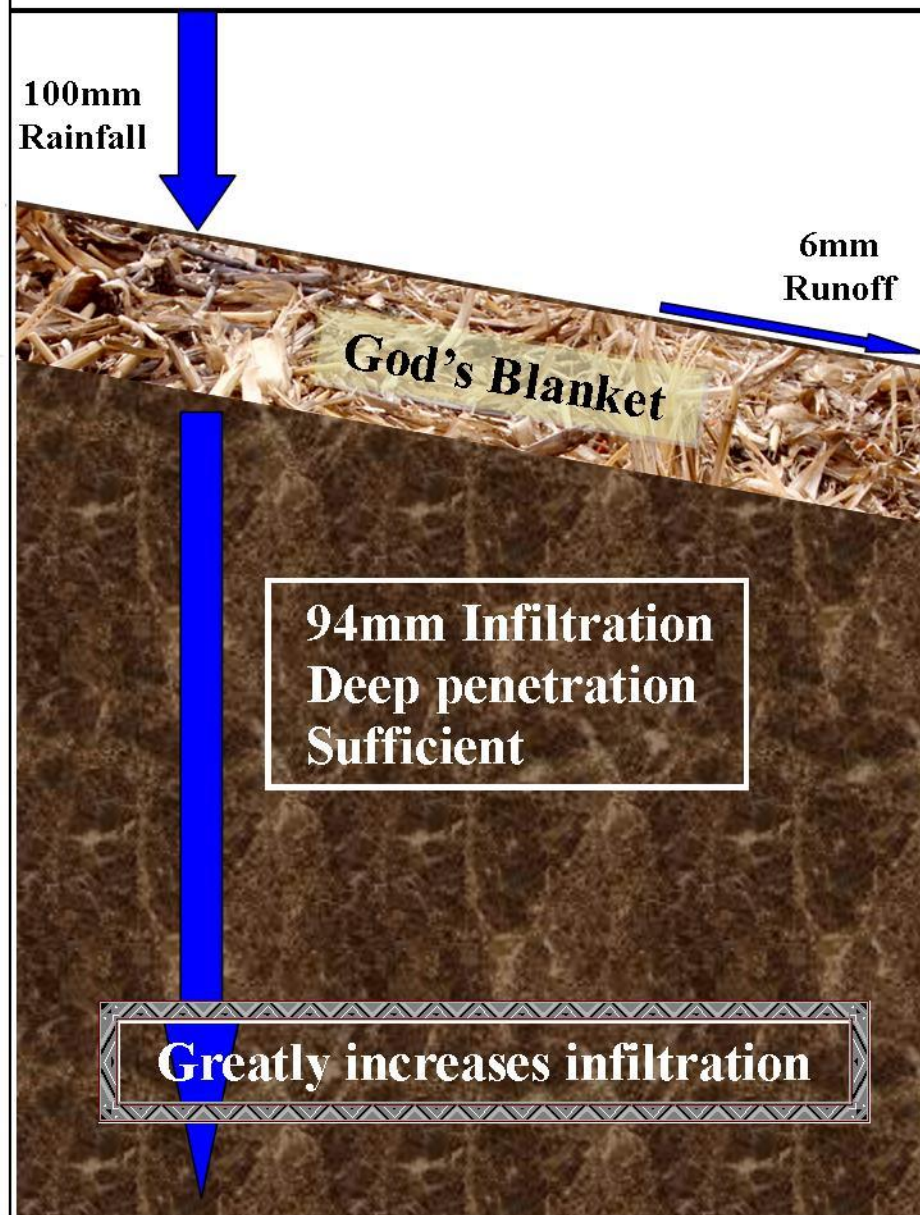
Greatly reduces Runoff



Conventional Farming



Farming God's Way



Conventional Farming

100mm
Rainfall



**High
Evaporation**

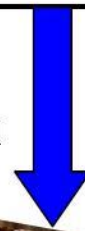
Bare soil surface



**High daytime soil temperature
No shade effect
High evaporation rate**

Farming God's Way

100mm
Rainfall



**Little
Evaporation**

God's Blanket



**Cool daytime soil temperature
Shade effect
Low evaporation rate**

**Greatly reduces soil moisture
loss from evaporation**

Conventional Farming



Soil loss > 30t/ha
High raindrop impact
Crusting
Sheet erosion
Africa's greatest export
Inheritance Lost

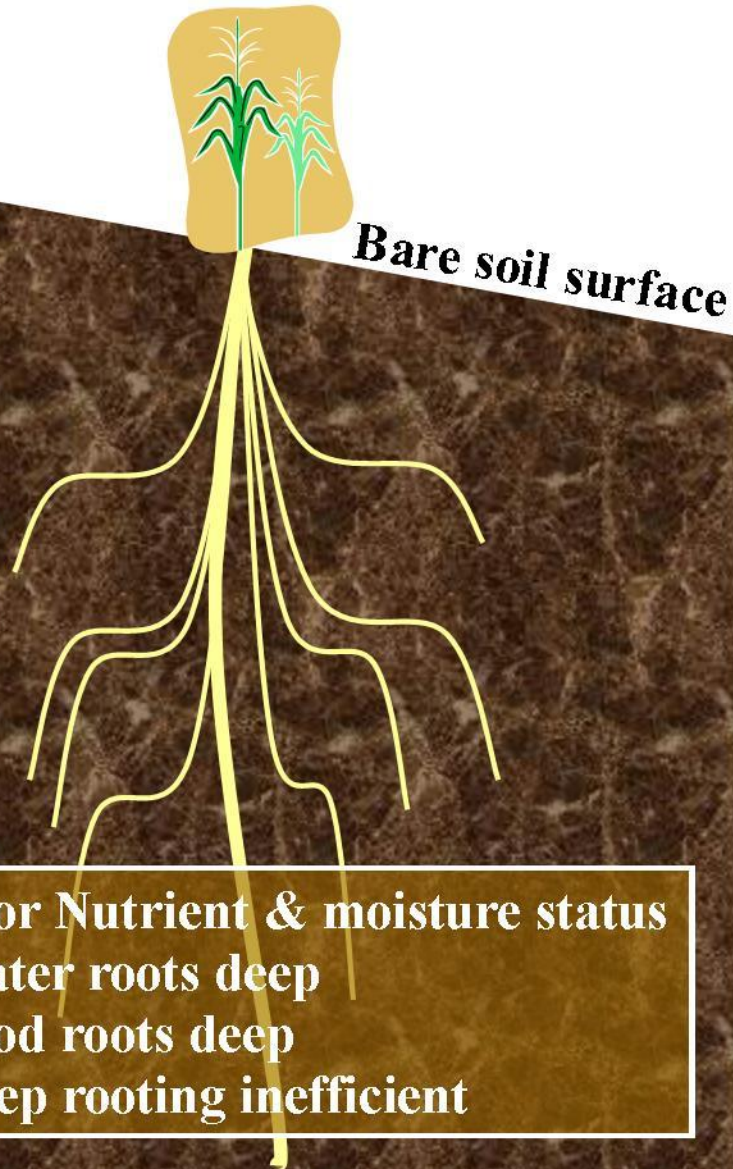
Farming God's Way



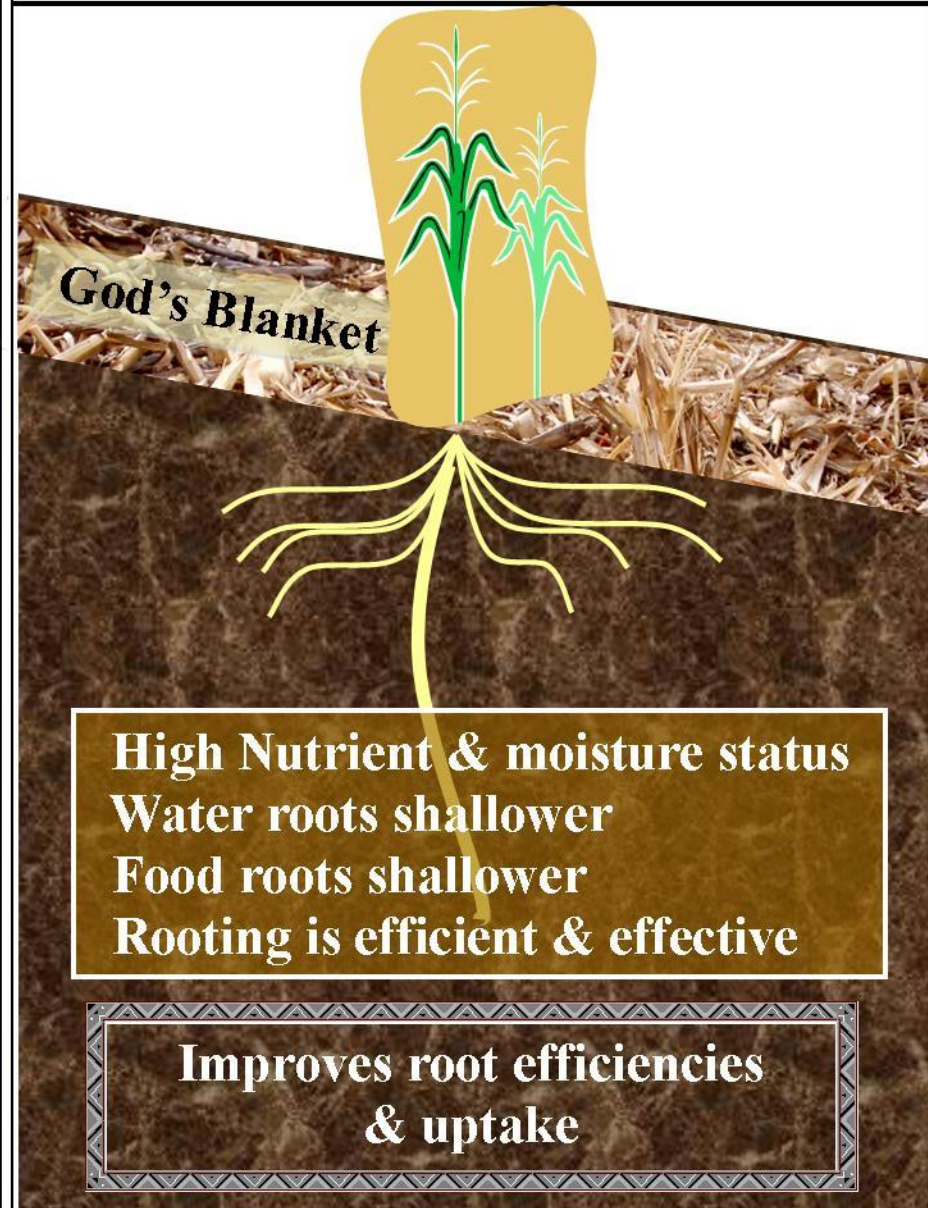
Negligible soil loss
Reduced raindrop impact
No crusting
Blanket Protection
Preserving assets
Inheritance preserved

Greatly reduces soil erosion

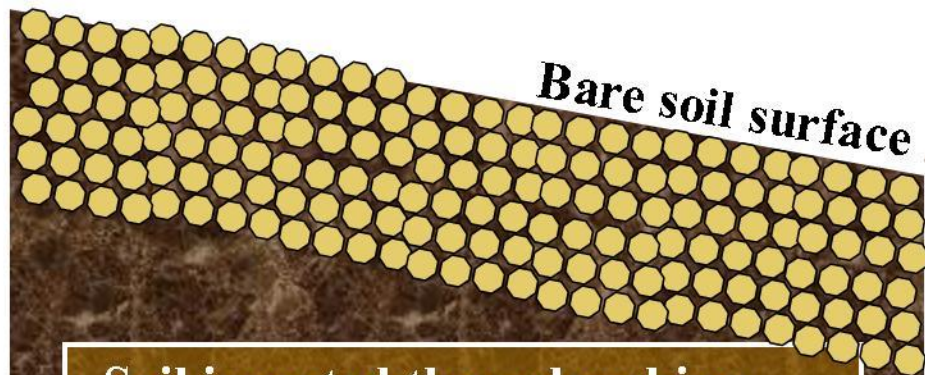
Conventional Farming



Farming God's Way



Conventional Farming



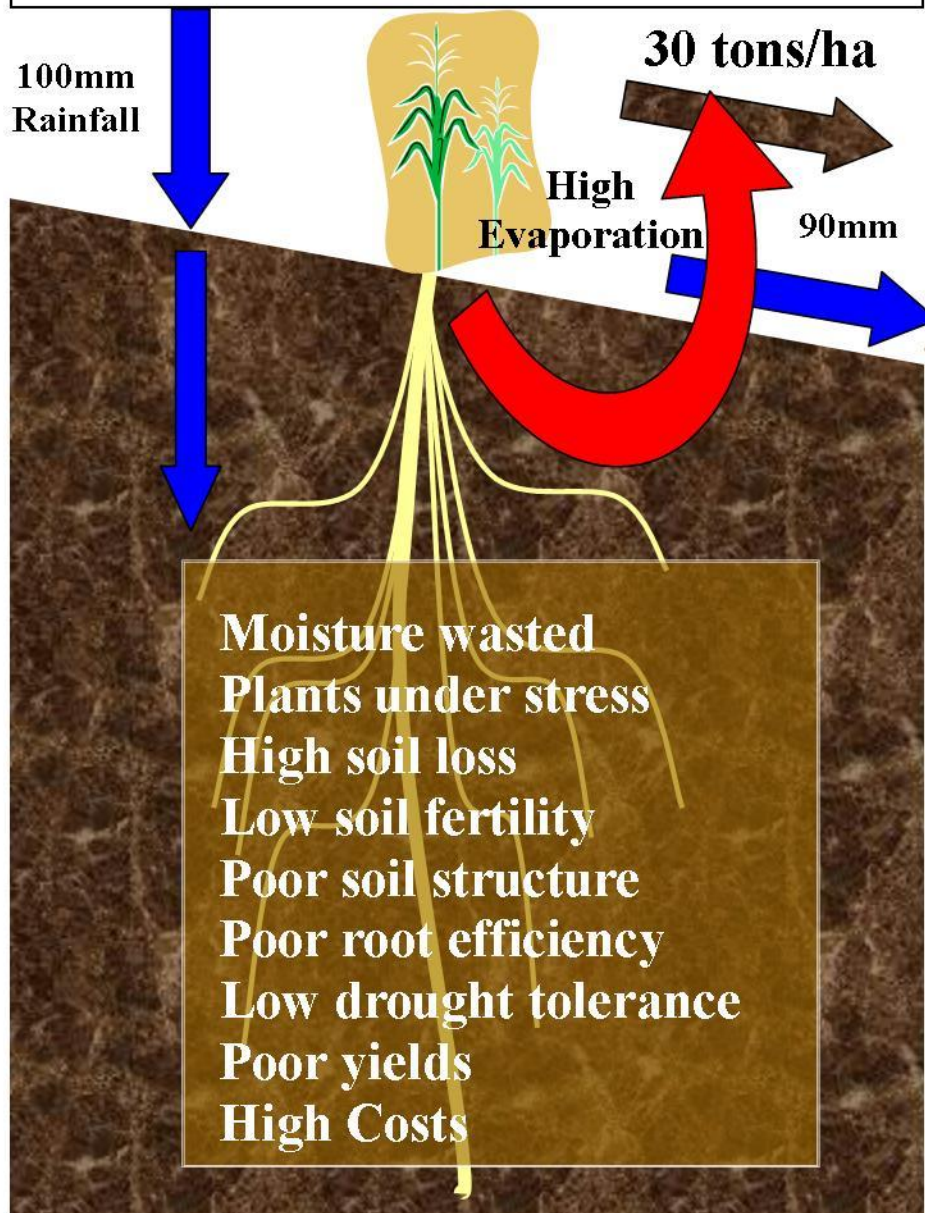
Soil inverted thru ploughing
Plant material burnt/grazed
Organisms destroyed
Poor fertility
Soil structure fine/powder
Low Soil water holding capacity
Low CEC
Soil is erodable
Soil is prone to compaction
High Land preparation Costs

Farming God's Way

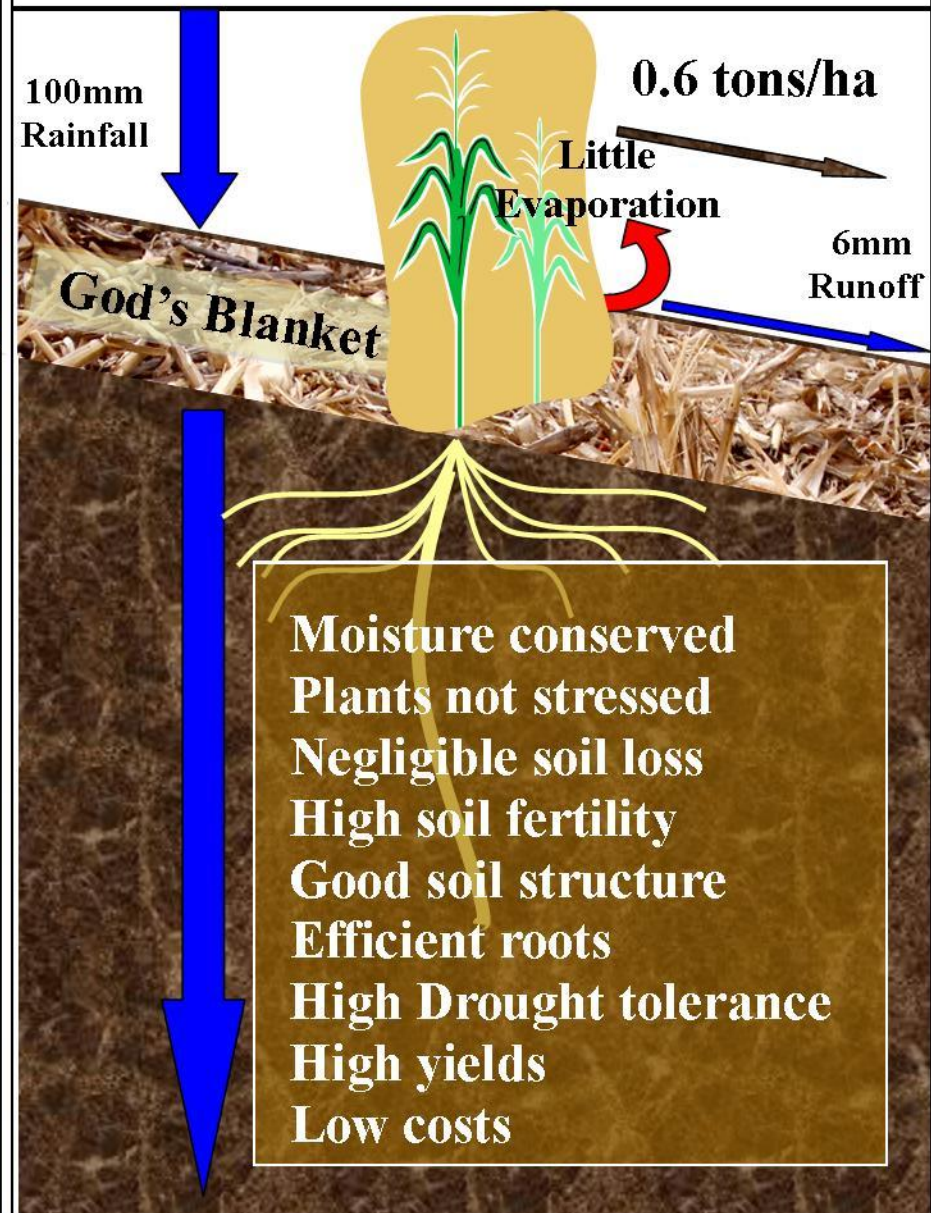


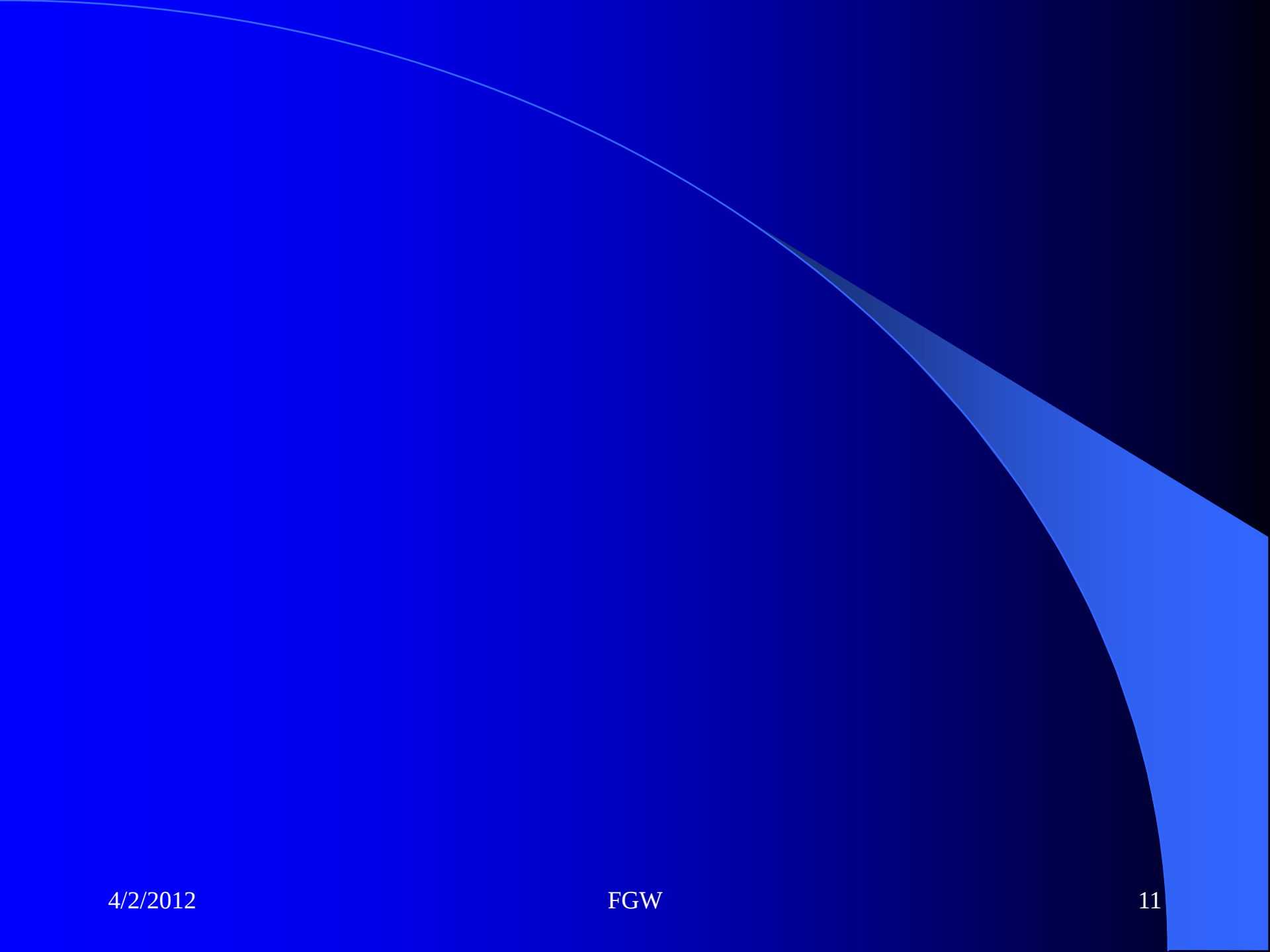
Soil left undisturbed
God's Blanket feeds the soil
Organisms balanced
High Fertility
Soil structure improved
High Soil water holding capacity
High CEC
Soil has water stable aggregates
Soil is stable
Land Preparation savings ie 1/3rd

Conventional Farming



Farming God's Way





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Comparison of Crop Stand



Conventional



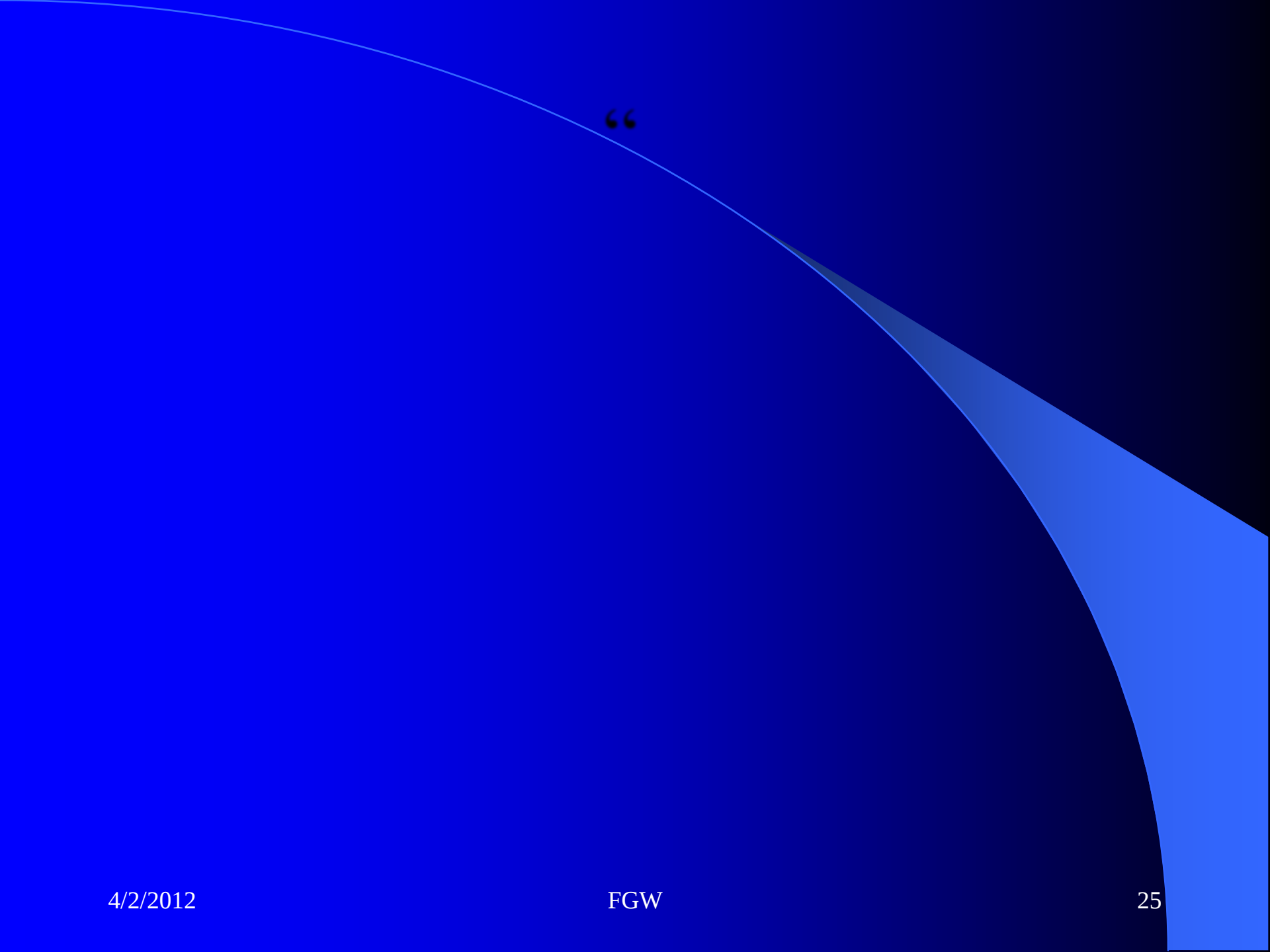
No Ploughing





Conventional

No Ploughing



“

4/2/2012

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