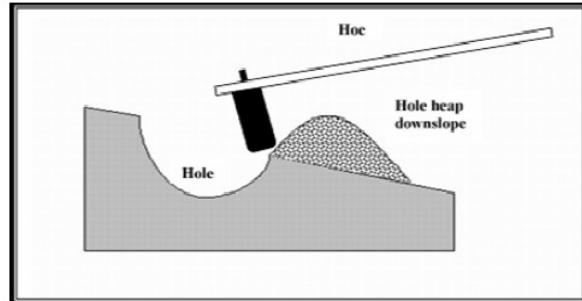


Planting Diagram



f) Weed Control

- Get them when they are small – 25mm @ 3 days **vs** 350mm @ 12 days
- This gives several rest days **vs** never catching up
- Weed free throughout
- 2 hours per day
- Hoe just below surface – cut off roots – except for creeping grasses which to effectively eradicate, must be sprayed or carried out

g) Thinning

- Thin to an average of 2 plants per hole (this is VERY important!)
- Thin weakest plant or middle plant if 3 emerge
- Leave 3 in the hole where 1 emerges on the previous hole so there are an average of 2 per hole

h) Top Dress Fertiliser (if available)

- 1st @ knee height – depending on yield requirements – 5ml cup (or 200 ml chicken manure)
- 2nd @ before tassling – depending on yield requirements – 5ml cup (or 200 ml chicken manure)
- Min of 10cm from stem base on upside of plants

REMEMBER IT IS BETTER TO DO A SMALL PIECE VERY WELL THAN TO DO A BIG PIECE BADLY! ONLY DO WHAT YOU CAN MANAGE WELL!

FOUNDATIONS FOR FARMING

Foundations for Farming is an apostolic initiative for preaching the gospel, strengthening & planting churches and extending the kingdom of God with an emphasis on sustainable agriculture as a model for life-transformation of individuals, communities and nations.

For more information about FfF please contact:

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E-mail: admin@foundationsforfarming.org

Website: www.foundationsforfarming.org

If we ask God for His WISDOM to understand FfF and the FAITH to do it WITH ALL OUR HEART, He will help us to be the best farmers in the world.

Foundations for Farming

'For no one can lay any foundation other than the one already laid which is



The HEART of Foundations for Farming

Foundations for Farming (FfF) is founded on our Tri-une God. Jesus said, "I am the way, the truth and the life."

Jesus is the focal point and fulcrum of history.

The Father sent His only Son to reveal Himself to us.

Jesus said, "If you have seen me, you have seen the Father."

The Father gave Jesus all authority in heaven and on earth.

Jesus is the ultimate reference point and expression of all truth and judgement.

FfF, with the Holy Spirit's help, seeks to wholeheartedly follow Jesus' perfect example in all of life. FfF recognises God's grace in that He doesn't expect us to do this perfectly but rejoices when we turn to Him with all our hearts asking for the Holy Spirit to help us obey and do everything He taught us, in His way.

"In His way" epitomises Jesus' implicit obedience to all that the Father told Him, His unconditional love, humility and unselfishness; and as such, are foundational building blocks for our attitude of heart in all that we teach and do in FfF.

Because of God's perfect love, holiness, sovereignty, omnipresence, omniscience and omnipotence, we seek to trust Him with all our hearts and seek not to lean on our own understanding, but to acknowledge Him in all our ways, so that he makes our path straight (Proverbs 3:5-6). "Seeking after God wholeheartedly" is also a cornerstone of FfF (Jeremiah 29:13).

The heart of FfF is encapsulated in the very first scripture God gave in the story of FfF in March 1980, which was 1 Corinthians 10:31, "Whatsoever you do, do all to the glory of God."

FfF seeks to glorify God in every aspect of farming and life.

Two BIBLICAL Foundations of FfF

• Faithfulness with little (Stewardship)

⇒ The parable of the talents - If we are faithful with little God will add to us and conversely if we are not faithful with little, He takes away.

⇒ We must be faithful with the FIRST thing God gave Adam - the land, then he will add (industries, etc.)

• Giving to receive

⇒ This breaks the yoke of selfishness.

⇒ We cannot keep taking from the land without giving first.

⇒ Luke 6:38 - "give and it will be given to you"

WHATEVER YOU DO, DO ALL TO THE GLORY OF GOD

The TECHNOLOGY of Foundations for Farming

FfF is God's plan to protect and preserve the precious soil and rain He gives us.

- There is no ploughing in God's natural creation.
- God's blanket is the name we give to the wonderful mulch cover from the fallen leaves and plant material that we see in nature.
- These things help us to greatly reduce soil erosion and capture the precious water God gives us, hold it in the soil and transfer it more efficiently to the plants.
- This greatly reduces risk from drought and also reduces levels of pests and disease.
- Ploughing is very expensive...so we DO NOT PLOUGH or BURN or remove 'God's Blanket'.

The GOAL of Foundations for Farming

The Lord wants us to produce HIGH YIELDS from the soil in a SUSTAINABLE WAY that makes a PROFIT, so that we can:

- Glorify God and lift up Jesus in all that we do
- Remove the yoke of oppression causing hunger, nakedness and poverty
- Feed our families
- Produce a surplus for sale that will help feed our nation; and so that in turn we can provide for the needs of our families (school fees, clothes, shelter, medical etc) and buy the next year's inputs and equipment
- Be independent of the money lending system as soon as possible
- Grow to the size God has equipped and called us to
- Be a model and example to teach others FfF and how to make a profit
- Tell others that it is God's Way so that we can tell them about Jesus
- Help strengthen weak churches and to plant new strong churches
- Bring unity to the whole Body of Christ so we can show the whole nation God's Way of how to manage any business or enterprise faithfully and make a profit
- Show the nation how to rebuild Zimbabwe and Africa

FOR ALL THIS TO HAPPEN.....

WE HAVE TO PRODUCE FAITHFULLY AND MAKE A PROFIT

GOD'S WAY OF MAKING A PROFIT

EVERYTHING WE DO MUST BE DONE:

1. **ON TIME** (Plan ahead; Prepare well; Start early; Never be late!)
2. **AT A HIGH STANDARD** (Do every operation and detail as well as we can, No shortcuts, Be honest and honourable in all we do!)
3. **WITHOUT WASTING** (Don't waste *time, soil, water, sunlight, seed, nutrients, labour, energy, opportunity* etc.)
4. **WITH JOY** (If you do these first three things *faithfully* without *self pity, complaining, blaming others, making excuses*, but with a THANKFUL HEART, God will take away any fear and hopelessness and give you *hope* and the *joy*, which is your strength.)

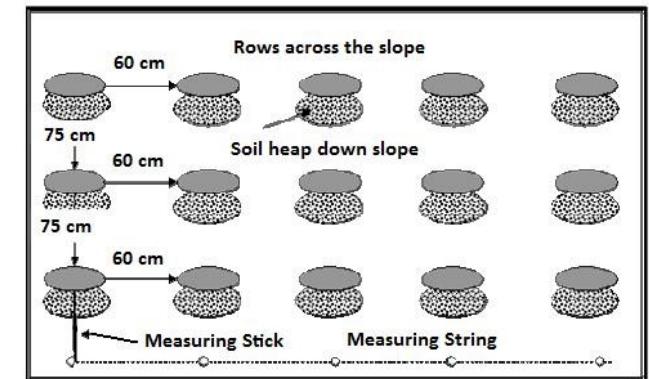
STEP BY STEP PROCEDURE for Foundations for Farming - Planting Maize

a) Tools Required

- Hoes
- Measuring cups
- Measuring sticks
- Measuring string
- Fertiliser or manure
- Seed

b) Land Preparation

- Do not plough
- Do not burn
- Stump & clear
- Keep weed free
- Plant across the slope
- Hole out @ 60 x 75cm
- Holes (with fertiliser) – hoe width – 8cm deep – soil goes down slope side
- Holes (with manure) – hoe width – 15cm deep
- Complete by end October in Summer rainfall areas



Land Preparation Diagram for maize

c) Liming

- Based on soil analysis
- Place evenly across base of hole

d) Fertilisation

- Based on yield targets & resources
- Ensure fertilizer or manure is available by end October to apply before rains
- Ideally 8 ml cup 'D' compound or tin of manure or compost or ant heap
- Place evenly across bottom base of hole
- Cover slightly until required seed planting depth remains

e) Planting

- After good rains in November 2 ½ BAGS per HA Grain lost per day late after the 25 November
- Soon after rains – within 2 days
- 3 seeds per hole ultimately thinned to 2 per hole – 44,000 plants/ha
- In a straight line across the row
- Planting depth – matchbox length: maize & groundnuts; matchbox width: sorghum; matchbox thickness: wheat & soyas
- Cover carefully level to the surrounding soil surface (no clods or stones over the seed)
- There should be no mulch in the soil used to cover the seed to prevent air cavities. But cover the entire surface of the field with God's blanket (mulch).
- Sunflowers & soya beans should be planted later but by mid December