

# MAGUIRES

## ZIMBABWE LEAF TOBACCO TRIALS 2021/2022

FARMER :- ISAAC NYAKUTEPA

GROWERS NUMBER:- V185629

AREA :- TRELAWNEY

DATE PLANTED :- 5/11/2021



Universal  
UNIVERSAL CORPORATION

# Introduction

- Each year Maguires does trials on small-scale farms as-well as commercial farms.
- Our goal is to find the most reliable and cost-effective way to grow a tobacco crop.
- We use several chemicals and fertilizers and constantly monitor the crop and at the end of the season we record the weight of the leaves from each row and each reaping and compare the results.
- This year Syngenta has joined us and will also be conducting some trials with Maguires.

# Fertilizer & Chemicals being trailed

ROW	FERTILIZER	NEMATICIDE	FERT CONDITONERS	TOP DRESSING	INSECTICIDE	INSECTICIDE	INSECTICIDE	FUNGICIDE	SUCKERIDE
1	HIGH C 400KGS/HA			A.N 120KGS/HA	PLESIVA STAR 270G/HA		BELT 50MLS/HA		N'DECANOL 5LTS/HA
2	HIGH C 400KGS/HA		EZYFLOW LIME 5LTS/HA	A.N 120KGS/HA	PLESIVA STAR 270G/HA		BELT 50MLS/HA		N'DECANOL 5LTS/HA
3	LIME BLEND 400KGS/HA			A.N 120KGS/HA	PLESIVA STAR 270G/HA		BELT 50MLS/HA		N'DECANOL 5LTS/HA
4	LIME BLEND 400KGS/HA		EZYFLOW LIME 5LTS/HA	A.N 120KGS/HA	PLESIVA STAR 270G/HA		BELT 50MLS/HA		N'DECANOL 5LTS/HA
5	HIGH C 400KGS/HA	ABAMIPRID 3LT/HA		A.N 120KGS/HA		BULLET 250MLS/HA	BELT 50MLS/HA		N'DECANOL 5LTS/HA
6	HIGH C 400KGS/HA	ABAMIPRID X2 3LT/HA		A.N 120KGS/HA		BULLET 250MLS/HA	BELT 50MLS/HA		N'DECANOL 5LTS/HA
7	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA	BION 60G/HA	N'DECANOL 5LTS/HA
8	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA	BION X2 60G/HA	N'DECANOL 5LTS/HA
9	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA	AZOXY DUO X2 500MLS/HA	N'DECANOL 5LTS/HA
10	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA	AZOXY DUO X3 500MLS/HA	N'DECANOL 5LTS/HA
11	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA		FLUMETRALIN DUO 2LTS/HA
12	HIGH C 400KGS/HA			A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA		FLUMETRALIN DUO 3LTS/HA
13	HIGH C 400KGS/HA	VS-04 5LTS/HA		A.N 120KGS/HA	IMIDACHLOPRID 1LT/HA	BULLET 250MLS/HA	BELT 50MLS/HA		N'DECANOL 5LTS/HA



**05/11/2022**

The trial tobacco has been planted in a very sandy area.

**MAGUIRES**

There is no sign of dusty surface beetle at planting.  
The land has been cleaned and there is no old tobacco stalks.



**23/11/2021**

All the tobacco is standing but the land is very dry and in need of rain.



There is no sign of cut worm or dusty surface beetle affecting the crop.

We have used **Plesiva Star** on half the crop and **Imidachloprid** on the other half



**30/11/2021**



**The farmer is yet to receive rain  
but the crop is still insect free.**

There is no sign of any insect damage throughout all the tobacco including the farmers crop.



**17/12/2021**

It has been a good start to the trials as there is no sign of any plants dying.





Although the tobacco has all taken it is yet to receive any rain.

**05/01/2022**

The farmer received some rainfall and the tobacco has shot up. There is still no sign of aphids



Majority of the plants took  
and are still standing.





There appears to be stink bug damage in the farmers crop next to the trial area but no leaves in the trial area that have been damaged.





Potassium firing has been a major problem throughout small-scale crops in the area.



Aphids have started to appear on the crop.

The **Plesiva Star** is due its next spray which is being done now.

