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ABBREVIATIONS AND SYMBOLS

°C Degree Celsius

AAS Atomic Absorption Spectrophotometer

AC Active carbon

AN Ammonium nitrate

ANOVA Analysis of Variance

BD Bulk density

CA Conservation Agriculture

CF Conservation Farming

CF4 CF practiced 4 years

CF8 CF practiced 8-9 years

CIMMYT International Maize and Wheat Improvement Center

CT Conventional tillage

DIN Deutsches Institut für Normung

ECHO Educational Concerns for Hunger Organization

FAO Food and Agricultural Organization of the United Nations

FfF Foundations for Farming

FGW Farming God's Way

GART Golden Valley Agricultural Research Trust

ICRISAT International Crops Research Institute for the Semi-Arid-

Tropics

IFPRI International Food Policy Research Institute

IN Infiltration

LS Means Least squares means

NGO Non-governmental organization

OJ Operation Joseph

OTC Operation Trumpet Call

PCA Precision Conservation Agriculture

REF Reference

SD Standard deviation

SOC Soil organic carbon

SSA Sub-Saharan Africa

TC Total carbon

USD United States dollar

WRB World Reference Base for Soil Resources

ZCATF Zimbabwean Conservation Agriculture Task Force

ZFRP Zambia Food Security Research Project

ZNFU Zambia National Farmers Union

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