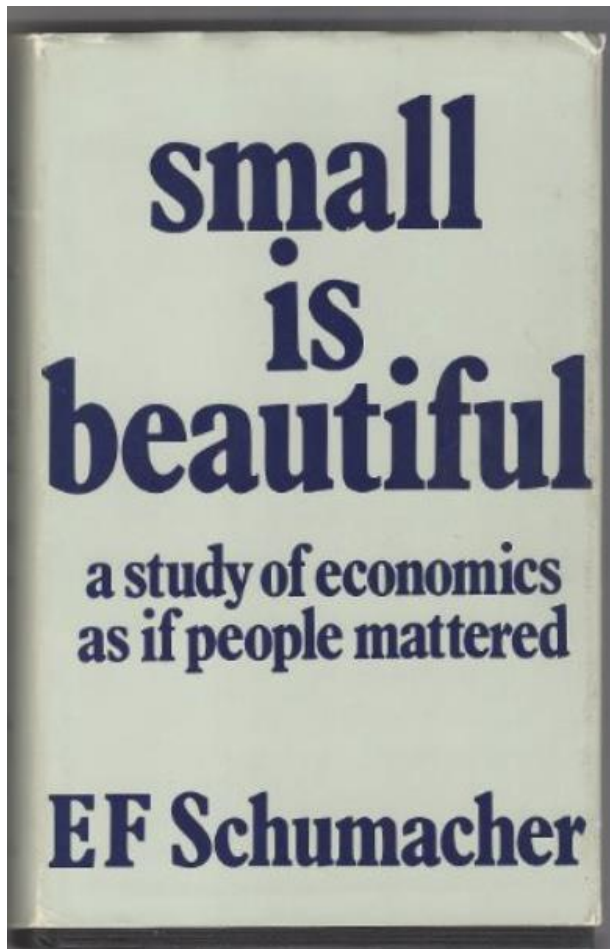


# Worms Wellbeing & Waste



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The Urban Worm CIC  
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‘In the excitement of the unfolding of his scientific and technical powers, modern man has built a system of production that ravishes nature and a type of society that mutilates man.’

-E F Schumacher

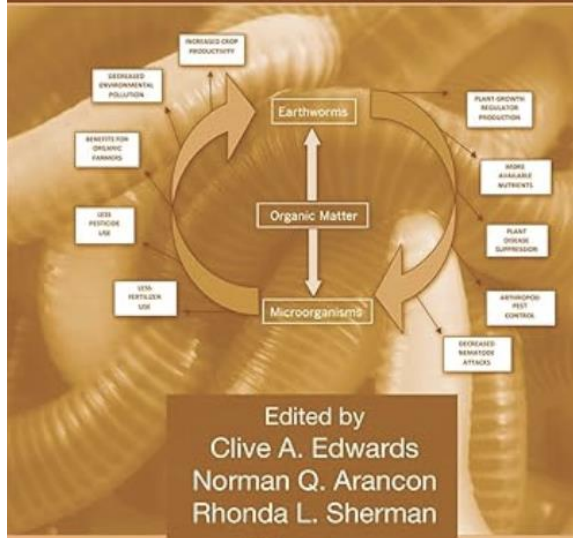
**PRACTICAL ACTION**

Technology challenging poverty



# Vermiculture Technology

Earthworms, Organic Wastes, and Environmental Management



Edited by  
Clive A. Edwards  
Norman Q. Arancon  
Rhonda L. Sherman

 CRC Press  
Taylor & Francis Group

## CHAPTER 26

### Vermiculture and Vermicomposting in the United Kingdom

Kevin R. Butt and Brian Williams

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#### I INTRODUCTION

Before the publication of Darwin's (1881) seminal work on earthworms, these organisms were generally regarded as garden pests, or at best given very little consideration in nature. However, some gardeners knew better and used the activities of earthworms to assist their needs. For instance, in the preparation of leaf mulch for potting plants by the natural rotting of fallen leaves, some gardeners found that certain litter-dwelling earthworm species had a positive role in soil, and their activities were duly encouraged. This type of knowledge of organic breakdown activities remained almost something of a well-kept secret until a drive in the 1980s to utilize and indeed harness the activities of earthworms to assist in the break down and



# LAVERSTOKE PARK LABORATORIES

Independent Analysis and Advice for Soil Fertility Management

Tel: 01256 772 815

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**Client:** Anna de la vega

**Address:**

**Contact:** [annadelavega@hotmail.co.uk](mailto:annadelavega@hotmail.co.uk)

**Date:** 30/10/2014

**Sample:** Sample 01

**Crop:**

**Lab Job No:** LP02312

## Soil Chemistry Report

	Analysis	Units	Result	Guideline	Low	Optimal	High
Routine	pH		8.00	6 - 7			
	EC	mS/cm	5.02	0.2 - 0.6			
	Soil OM	%	24.00	4 - 8			
Plant Soluble	Calcium	ppm	5150	1000 - 2000			
	Magnesium	ppm	517	60 - 200			
	Phosphorous	ppm	599	25 - 75			
	Potassium	ppm	4029	75 - 200			
Extractable	Phosphorous	ppm	936	30 - 100			
	Sulphur	ppm	224.0	10 - 30			
	Boron	ppm	5.42	1.0 - 2.0			
	Manganese	ppm	36.0	8.0 - 25			
	Copper	ppm	5.51	0.8 - 3.0			
	Zinc	ppm	50.7	2.0 - 8.0			
	Iron	ppm	136	50 - 100			



Plant Soluble	Calcium	ppm	5150	1000 - 2000			
	Magnesium	ppm	517	60 - 200			
	Phosphorous	ppm	599	25 - 75			
	Potassium	ppm	4029	75 - 200			

# Vermicomposting: The Future of Sustainable Agriculture and Organic Waste Management

*Lessons from the USA & Cuba*

Anna de la Vega

Winston Churchill Memorial Trust Fellow 2016



Vermiculture sign, Finca de Paradise, Pinar del Río, Cuba, 2016

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## Worm Hotel's – The Netherlands



## Worm Palace- United Kingdom



Urban&Civic plc

*Gannets*  
MIDDLEBECK

*Westfield*







# 1000 WORM FARMERS

REPLENISHING THE EARTH TOGETHER – WORM UP!





-  **110 Schools**
-  **61 Community Organisations**
-  **1 Library**
-  **1 Veterinary**
-  **1 Prison**









Ministry  
of Defence





## Defence Medical Rehabilitation Centre, DMRC, Loughborough, UK

-  4 x 1100 Litre Worm Farms
-  16 Kg x Tigers (*Eisenia Fetida*)
-  4 tonnes of kitchen waste
-  400 Kilos of worm manure







# New Worm Order News



Thank You!