

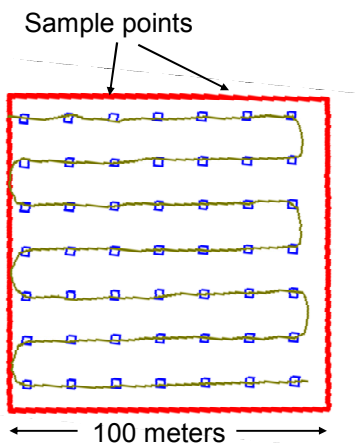
AGRI-TECH GPS PCN SAMPLING

If you still sample for PCN by hand you will inevitably miss areas of the field



Unique GPS PCN Soil Sampling Service

Using the latest in GPS technology mounted on to high spec dual wheeled Quads / UTV to eliminate compaction



Features:

- Quad / UTV fitted with DGPS - can reload sampling plan if necessary to analyse infestation levels
- Whole field covered - much higher accuracy than traditional W pattern sampling regime
- Flexible sampling regime depending on perceived PCN problem
- Automated sampler giving consistency to sampling regime and depth of sample
- Tracking device indicates route of bike and sample points - full traceability
- Ability to import your planting "A-B" line to create sampling grid
- Maps can be sent straight to your Gatekeeper software
- Large sample of soil taken - can be used for nutrient analysis if required
- Minimum 49 cores per sample
- Can be tailored to fit your budget

Analysis:

- ASA or RAA or chosen lab for analysis
- Soil diluted on water - PCN eggs float to surface
- Dilution sieved and nematodes placed under microscope
- Count done manually - if cysts found process is repeated to determine egg count

ANGLIAN SOIL ANALYSIS LTD.									
Laboratory & Office									
One Way Farm, Stratford, Stratford, Leics. LE10 2DQ Tel: 01530 480790 Fax: 01530 480814 E-mail: enquiries@anglian-soil.co.uk Website: www.anglian-soil.co.uk									
POATO CYST NEMATODE REPORT									
4124 Dole Ln. E27E						Order No.		Date Received: 20/10/14	
POATO CYST NEMATODES LTD GREENPOND FARMHOUSE, FARM GREENPOND B2011						Customer's Name			
						Supplier			
								Sample Taken Where	
Lane	Sample	Plot/Zone	Total	0.1	0.2	0.3	0.4	0.5	0.6
LANE1	1	PM-FIELD1	0	0	0	0	0	0	0
LANE2	2	PM-FIELD1	0	0	0	0	0	0	0
LANE3	3	PM-FIELD1	3	1	0	2	2	2	2
LANE4	4	PM-FIELD1	4	1	1	2	4	0	0
LANE5	5	PM-FIELD1	2	1	1	0	0	0	0
LANE6	6	PM-FIELD1	2	0	0	2	2	3	0
LANE7	7	PM-FIELD1	2	2	0	0	0	0	0
LANE8	8	PM-FIELD1	10	10	0	0	0	0	0
LANE9	9	PM-FIELD1	3	0	0	1	1	1	0

Prepared by: J. Piggott Date: 11/10/14
 Checked by: J. Piggott

COMMENTS ON ANALYSIS

1. The results of this analysis are given in accordance with BS 5831 (2002) Part 4, which is the standard for the reporting of results of soil analysis for plant health.

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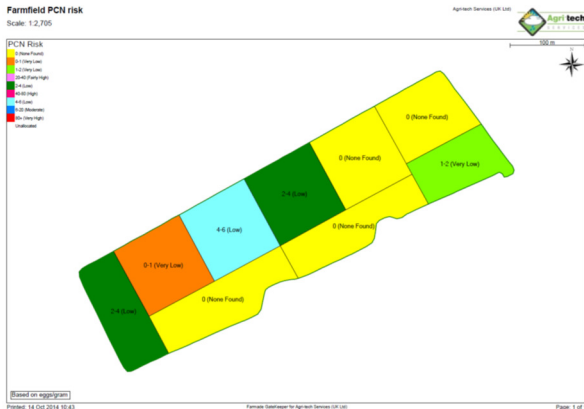
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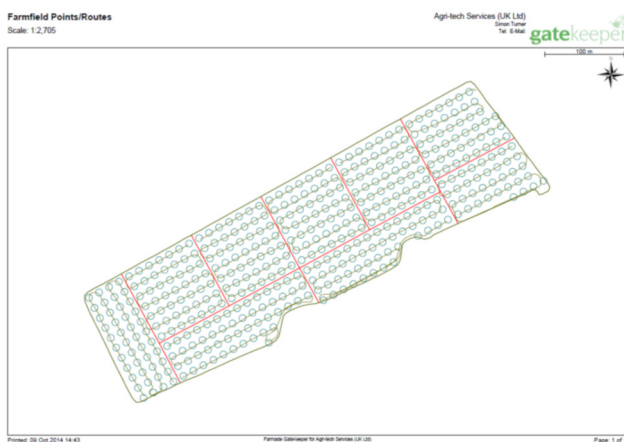
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GPS PCN Sampling

Map of field showing blocks, reference numbers, and infestation levels



Map of field showing sample points and route taken



Automated sampler



UTV low ground pressure vehicle

Interpretation:

- Should be used as a guide
- If eggs are found further sub-sampling may be required to get a more accurate picture of the problem
- Seek recommendations from potato agronomist for appropriate nematicide and course of action

Service Includes:

- Field boundary with sample location recorded using DGPS
- Min 49 cores per hectare
- Reports and analysis
- Constant depth sampling
- Maps can be reloaded in subsequent years to compare populations
- Ability to generate Nematicide application maps



For more information get in touch or request a call back from agri-tech.co.uk



Agri-tech Services (UK) Ltd
Shefford Hardwicke Farm
Bedford Rd Shefford
Beds SG17 5NU
United Kingdom

Tel: +44 (0)1462 813303
Fax: +44 (0)1462 815684
Email: sales@agri-tech.co.uk
Web: agri-tech.co.uk