

# AGRI-TECH GPS PCN SAMPLING

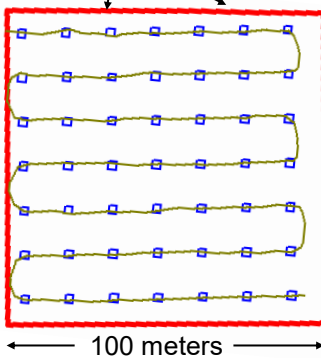
PCN maps synchronise with  
your Gatekeeper / Omnia  
Farm Management Software



## Unique GPS PCN Soil Sampling Service

Using the latest in GPS technology & Sampling Techniques Ensuring  
Full Tracability.

Sample points



### Features:

- 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 in 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

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ASA Order No. 8338		POTATO CYST NEMATODE REPORT		Date Recd: 20/08/14			
Lab	Sample	Field Name	Size	Dist	Ref	Sign	Scale
09042	1	PM FRIED	16	0	0	0	
09042	2	PM FRIED	16	0	0	0	
09042	3	PM FRIED	15	1	0	2	2
09042	4	PM FRIED	14	1	1	2	4
09042	5	PM FRIED	12	1	1	0	0.25
09042	6	PM FRIED	12	0	0	2	3
09042	7	PM FRIED	12	2	0	0	
09042	8	PM FRIED	10	10	0	0	
09042	9	PM FRIED	12	2	0	1	1

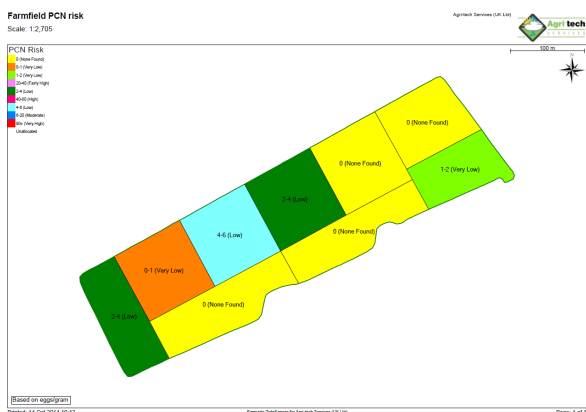
Passed by:  Date: 11/09/14

CONDITIONS OF ANALYSIS:  
1. This report is prepared on condition that the PCN problem is related to the Anglian Soil Analysis Ltd (ASA) Ltd. Field Four (FF1) and sampling  
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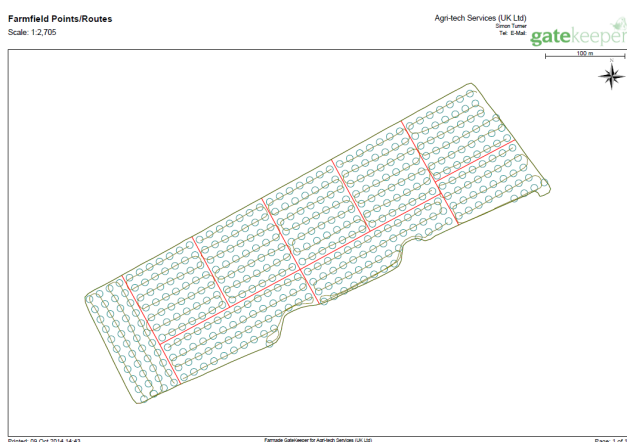
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## GPS PCN Sampling

### 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
- Map Reports and analysis
- Consistent sampling depth
- Maps can be reloaded in subsequent years to compare populations
- Ability to generate Nematicide application maps
- Synchronise your PCN data with your Gatekeeper / Omnia Farm Management software



For more information get in touch or request a call back from [agri-tech.co.uk](http://agri-tech.co.uk)



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