Potatoes in Practice 2013

Thursday 8th August
8.30am to 5.30pm
Balruddery Farm
Invergowrie
Dundee DD2 5LJ

Field Trials and Demonstrations,
Seminars and Exhibitors Guide
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Welcome to Potatoes in Practice 2013

The Potato Council, James Hutton Institute, SRUC and Agrii welcome you to Potatoes in Practice 2013. This event is Britain’s premier field based event dedicated to the potato industry, attracting more international visitors each year.

This is the fifth year PiP has been held at the James Hutton Institute’s Balruddery Farm. The event is supported by Potato Review.

This is a unique opportunity for farmers, advisers and others to view government and industry-supported research and new developments at a single site. Specialists from all sectors will be on hand to discuss your questions on the latest trials and research.

There will be a host of industry leading companies with demonstrations in the commercial section of the trials field and with exhibits in the event marquee. There will also be a series of technical seminars open to all attendees complementing the field-based research demonstrations. For the first time this year, you will be able to watch working machinery demonstrations live at the event. See programme for details.

Please note that many of the demonstrations and trials on show today are research in progress. For those trials that can be followed through, the results will be collated and analysed post-harvest. These results will be made available on the James Hutton Institute’s website www.hutton.ac.uk under Potatoes in Practice, or via the Potato Council website, www.potato.org.uk/knowledge-hub/presentations.

Please complete a feedback form or email your feedback to us to help make this a better event every year. Send your feedback to: events@hutton.ac.uk

Principal Organisers:

Potato Council:
Sophie Lock (Communications Officer).

The James Hutton Institute:
Pam Cassidy (Events Coordinator), Euan Caldwell (Farm Manager), and Dr Finlay Dale (Research Scientist).

SRUC:
Dr Daan Kiezebrink (Applied Potato Pathologist).

Agrii:
Andrew Sprunt (Regional Technical Agronomist), David Barclay (Agronomist), and Colin Rennie (Agronomist).
8.30am  Registration and start of event
Marquee is open from 9.00am until 5.30pm.
Trade stands and static machinery can be viewed at any time.
Field Trials will be manned from 10am – 12.30pm and 1.30pm – 4.30pm.
Visitors are free to return to any of the trials to hold further discussions with exhibitors.

9.00am  Live machinery demonstrations

10.00am  Guided tour of trials (tours take about 1 hour)
Tour 1: Nutrition and agronomy
Tour 2: Varieties and research
Tour 3: Potato Council levy-funded research and SRUC trials
Tour 4: Agrii plots

10.30am  Seminar 1 (in the seminar tent by the marquee)
The impact of haulm destruction on the development of blackleg in seed crops
Dr Stuart Wale, SRUC

11.10am  Seminar 2 (in the seminar tent by the marquee)
Improving cultivation practices in potatoes
Dr Mark Stalham, NIAB-CUF

11.30am  Guided tour of trials (tours take about 1 hour)
Tour 1 – Variety and Research Trials
Tour 2 – Variety and Agronomy Trials
Tour 3 – SRUC and Potato Council-sponsored Trials
Tour 4 – Agrii plots

11.50am  Seminar 3 (in the seminar tent by the marquee)
Protecting GB’s national seed crop
Robert Burns, Potato Council and Alistair Melrose, A J Allan

Lunch and refreshments available.
Opportunity for trade stand visits.
1.00pm  Address outside the marquee given by Dr Rob Clayton (Director, Potato Council) and Prof. Iain Gordon (Chief Executive, The James Hutton Institute)

1.30pm  Guided tour of trials (tours take about 1 hour)
   Tour 1: Nutrition and agronomy
   Tour 2: Varieties and research
   Tour 3: Potato Council levy-funded research and SRUC trials
   Tour 4: Agrii plots

2.00pm  Seminar 1 (in the seminar tent by the marquee)
   The impact of haulm destruction on the development of blackleg in seed crops
   Dr Stuart Wale, SRUC

2.40pm  Seminar 2 (in the seminar tent by the marquee)
   Improving cultivation practices in potatoes
   Dr Mark Stalham, NIAB-CUF

3.00pm  Whisky Prize Draw – supplied by SSCR (Scottish Society for Crop Research).
   The winner will be drawn from completed registration and feedback forms (Make sure you fill yours in and hand into the registration desk by 2.30pm to be eligible!)

3.20pm  Seminar 3 (in the seminar tent by the marquee)
   Protecting GB’s national seed crop
   Robert Burns, Potato Council and Alistair Melrose, A J Allan

4.00pm  Live machinery demonstrations

5.30pm  Close of Event

Following the tours, visitors are free to return to any of the plots to hold further discussions with exhibitors.

Plots will be manned until 4.30pm.
Site Plan and Tour Descriptions

Marquee
Reception
PARKING
1 2 3
5 4 7
6 17 8
16 9
15 10
14 11
13 12
23
24
25
These plots not included in event
20 21
22
1819
Live machinery demos
Static machinery stands
Seminars
ENTRANCE
Tour 1 – Nutrition and Agronomy (Plots 1 – 6)
1 Agrovista UK Ltd.
2 Flex Fertiliser (GB) Ltd.
3 Agrinos UK
4 Frontier Agriculture Ltd.
5 Omex Agriculture Ltd.
6 Glenside Group Ltd.

Tour 2 – Varieties and Research (Plots 7 – 17)
7 KWS UK Ltd.
8 Higgins Agriculture Ltd.
9 IPM (Irish Potato Marketing) Ltd.
10 Grampian Growers Ltd.
11 Agrico UK Ltd.
12 The James Hutton Institute – Genetic analysis of a large diploid potato population: mapping of tuber shape and eye depth
13 The James Hutton Institute – New varieties for new markets
14 Cygnet PB Ltd.
15 Caithness Potatoes Ltd.
16 Greenvale AP
17 Branston Ltd.

Tour 3 – Potato Council levy-funded research and SRUC plots (Plots 18 – 22)
This tour will highlight current issues in potato production by discussion around relevant demonstration trials. The topics covered are:

18 Potato volunteer control in spring barley
19 Herbicide damage to potatoes
20-21 Blackleg demonstration plots
22 Bio-fumigants

Tour 4 – Agrii (Plots 23 – 25)
23 Technical services demonstrations
24 Foliar nutrition
25 Herbicide trials
Seminars will be held in the seminar tent next to Registration. Look for posters with times and other last minute messages by the registration desk. Trial tour starting points are signposted and are located just outside the main marquee.

10.30am and 2.00pm

The impact of haulm destruction on the development of blackleg in seed crops
Dr Stuart Wale, SRUC

Although bacterial contamination and blackleg has occurred in the past in early seed generations, it has reappeared as a problem in recent years. During 2011-12 Potato Council funded work to study the effect of haulm destruction method on contamination of daughter tubers by *Pectobacterium atrosepticum* (Pba). Stuart Wale will provide an overview of the results and comment on the importance of different Pba inoculum sources, summarising previous work on the subject. Seed-borne *Pectobacterium atrosepticum* (Pba) is usually the most important inoculum source in a growing crop. A single rotting mother tuber releases about 100,000,000 Pba bacteria. Pba from a rotting mother tuber can contaminate the periderm (primarily lenticels) of daughter tubers or may result in internal contamination of daughter tubers via the vascular tissue. The relationship between periderm contamination and subsequent blackleg in the following crop is well characterised but the significance of internal tuber contamination remains uncertain. Whilst contamination of daughter tubers from rotting mother tubers cannot be influenced by haulm destruction method, sources of contamination arising from the haulm may be influenced by the haulm destruction method.

*PCL project 453 was carried out jointly by SRUC, Scottish Agronomy and James Hutton Institute*
**11.10am and 2.40pm**

**Improving cultivation practices in potatoes**

Dr Mark Stalham, NIAB-CUF

On experimental sites with fine-textured soils, yield has generally been greater from de-stoning shallower (eg: 25 cm) than the standard depth used by most growers (34-38 cm). Tuber quality has been unaffected by de-stoning depth. The increased diesel consumption and reduced work rates associated with producing a clod-free seedbed from normal working depths on heavier soils which are close to their plastic limit may be significantly reduced by de-stoning 3-5 cm shallower with few risks to productivity or quality. Soils with the same texture frequently have huge differences in the power required to produce a seedbed. Over-working soils by de-stoning at depths >30 cm results in loose soil within the ridge but this extra porosity is lost and soils become more dense by harvest than where de-stoning is shallower. On sandy soils, shallow de-stoning has generally not affected tuber yield and quality compared with traditional depths, despite big reductions in apparent rootability of the topsoil.

**11.50am and 3.20pm**

**Protecting GB’s national seed crop**

Robert Burns, Potato Council and Alistair Melrose, A J Allan

Increasing globalisation of our agricultural industry has raised the threat to our potato crops from exotic pests and diseases. Freedom of movement of plant material within the European Union has seen increased numbers of interceptions of plant pests, both in potatoes for processing and planting. In the last year our Governments have brought in additional control measures to prevent the entry of bacterial ring rot and Epitrix flea beetle from Europe. There is much that our GB industry can do to assist statutory control measures to prevent ingress of pests and diseases from Europe and the Safe Haven scheme offers a realistic option for keeping our national crop free of devastating diseases.
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At the James Hutton Institute the practice of conventional plant breeding has been carried out for many decades. These breeding methods will continue to be used for targeted breeding programmes to produce new varieties for specific markets i.e. table, French fries, crisps and early bakers.

We are now entering a new phase in potato breeding and here at the Institute we are starting to use molecular markers to assist with the selection and disease testing in our breeding programmes. These new methods combine traditional and modern and will ultimately speed up the potato breeding process from the time of the parents being crossed in the glasshouse, through several generation years to a finished named variety available for the benefit of the producer and the consumer. The James Hutton Institute and Mylnefield Research Services (MRS) Ltd. staff will outline the steps from crossing to finished cultivars. Examples will also be on display of the latest varieties to come from the James Hutton Institute and Mylnefield Research Services breeding programmes.
Genetic analysis of a large diploid potato population: mapping of tuber shape and eye depth

Plot: 12

Contact Details:
Csaba Hornyik / Ankush Prashar / Karen McLean / Sanjeev Kumar Sharma / Glenn Bryan / Finlay Dale / Vanessa Young
The James Hutton Institute / Mylnefield Research Services Ltd., Dundee DD2 5DA

Email: csaba.hornyik@hutton.ac.uk / ankush.prashar@hutton.ac.uk / karen.mclean@hutton.ac.uk / sanjeev.sharma@hutton.ac.uk / glenn.bryan@hutton.ac.uk / finlay.dale@hutton.ac.uk / vanessa.young@mrslltd.com
Tel: +44(0) 844 928 5428

We have performed genetic analysis of the ‘06H1’ population, which is derived from a cross between two highly heterozygous F1 hybrid clones each derived from a diploid Group Tuberosum x Group Phureja cross. This population segregates for several traits and we have performed three years of field trialling, and an extensive amount of phenotypic data has been collected. A linkage map comprising ~2300 markers has been constructed. This map has been aligned to the DM potato genome assembly and exhibits a high level of collinearity with the most recent (v4.03) DM genome pseudomolecules. Quantitative trait locus (QTL) analysis has been performed for several of the assessed traits. Tuber shape and eye depth, two of the most eye-catching and commercially important potato traits, have been analysed in some detail on the 06H1 cross. Tuber shape varies from round to elongated and as a quantitative trait it was determined by the ratio of length to width (L/W) using a digital calliper. A more or less continuous range of L/W values is observed ranging from ~0.8 to ~2.7. QTL mapping reveals two major effect loci for shape on chromosomes 2 and 10, and both of these loci have been observed in previous mapping studies. The locus on chromosome 10 maps to ~40.4cM and explains ~39% of the phenotypic variation for the trait in both years assessed, and the smaller QTL maps to ~18.6cM on chromosome 2, and explains ~21% of the phenotypic variation. QTL analysis of the eye depth data scored on a 1-9 scale revealed a large effect QTL at ~40.4cM for eye depth that explains ~40% of the phenotypic variation, this QTL mapping to roughly the same position as the major shape locus. Efforts are underway to isolate the genes responsible for these QTLs.
SRUC (Scotland’s Rural College)

Contact Details:
Daan Kiezebrink
SRUC, Ferguson Building, Craibstone Estate, Aberdeen AB21 9YA

Email: daan.kiezebrink@sruc.ac.uk
Tel: +44(0) 1224 711 206

Potato volunteer control in spring barley
(includes Potato Council levy-funded work)

Plot: 18

Contact Details:
Mark Ballingall
SRUC, Sandpiper House, Ruthvenfield Road, Perth PH1 3EE

Email: mark.ballingall@sruc.ac.uk

This trial demonstrates different herbicide programme options for the control of volunteer potatoes in spring barley. The importance of volunteer control and further background information will be discussed in the field tours and be presented on field boards.

Treatments:
All plots received a basal herbicide application of Optica (1l/Ha) + Oxytril CM (1l/Ha).

Post emergence (GS 32) the following treatments were applied:

1. Untreated
2. Harmony M (100g/Ha) + Galaxy (1l/Ha)
3. Harmony M (100g/Ha) + Spitfire (0.75 l/Ha)
4. Galaxy (1 l/Ha) + Allimax (42 g/Ha)
Herbicide damage to potatoes (includes Potato Council levy-funded work)

Plot: 19

Contact Details:
Mark Ballingall
SRUC, Sandpiper House, Ruthvenfield Road, Perth PH1 3EE

Email: mark.ballingall@sruc.ac.uk

This trial demonstrated the issues with glyphosate drift from its use as a desiccant on cereals and OSR and the possible consequences for seed potato quality. Potential damage by other herbicides and precautions will be discussed in field talks and the information will be displayed on field boards.

Blackleg demonstration plots (includes Potato Council levy-funded work)

Plots: 20 and 21

Contact Details:
Dr Daan Kiezebrink
SRUC, Ferguson Building, Craibstone Estate, Aberdeen AB21 9YA

Email: daan.kiezebrink@sruc.ac.uk
Tel: +44(0) 1224 711 206

The issues surrounding blackleg and ways to mitigate blackleg will be discussed against a backdrop of demonstration plots. Three different aspects of the blackleg will be shown in demonstration plots. The results from a recent Potato Council project (SRUC, Scottish Agronomy and James Hutton Institute) looking at haulm destruction and blackleg contamination, and a recently started Potato Council collaborative project (SRUC, James Hutton Institute and SASA) looking at the routes of initial blackleg contamination in high grade seed stock will also be discussed and information presented on field boards.

The demonstration plots are:
1. Blackleg expression under different N fertiliser rates
   A trial plot with 50, 80 and 110 kg of nitrogen
2. Tuber borne infection compared to air borne infection
3. The effect of seed quality on blackleg susceptibility
   Scuffed tubers compared to non-scuffed tubers
Field Trials and Demonstrations

Bio-fumigants (includes Potato Council levy-funded work)

Plot: 22

Contact Details:
Dr Daan Kiezebrink
SRUC, Ferguson Building, Craibstone Estate, Aberdeen AB21 9YA

Email: daan.kiezebrink@sruc.ac.uk
Tel: +44(0) 1224 711 206

This plot demonstrates the potential use of bio-fumigants for the control of soil-borne pests and diseases. Ongoing Potato Council funded projects studying the use of bio-fumigants will also be discussed and information will be presented on field boards.

Treatments:
1. Oil seed radish “Bento”
2. Oil seed radish “Contra”
3. Caliente mustard
4. Caliente mustard and Nemat
Demonstration plot

Plot: 23

As with last year we are showcasing our variable rate planting (in small scale) to show the differences with planting density and the effect soil type plays on this. We will also have one of our soil moisture stations installed in the plot from planting to look at what a dry year will do to the crop.

Foliar nutrition

Plot: 24

We are once again continuing our work with foliar nutrition to build up a knowledge base on varieties and strategies to deal with deficiencies and weak points in them.

Herbicide trials

Plot: 25

This season we are looking at two new herbicides in development to see what they can add to the current weed control strategies. At the time of writing we were experiencing some extremely dry weather so it will be quite interesting to see what performs well in a very dry year, especially after the last two wet ones.
Agrico UK Ltd.

Plot: 11

Contact Details:
Archie Gibson, Executive Director / Graeme Currie, Production and Quality Control / Russ Kelsey and John Murdie, Sales
Agrico UK Ltd., Castleton of Eassie, By Forfar, Angus DD8 1SJ

Email: potatoes@agrico.co.uk
Tel: +44(0) 1307 840 551
Fax: +44(0) 1307 840 245

Agrico UK Ltd. is a specialist developer and supplier of high grade seed potatoes for the home trade and export markets supplying pre-packers, processors, seed merchants and branded operations worldwide. With a proven reputation for supplying certified Scottish, English and Dutch seed, we are committed to working with established and new growers to optimise consistency and quality.

Whether it’s table, chipping, or crisping varieties, our aim is to deliver the highest quality product to our customers, in a reliable and sustainable way.

This year we have the following varieties on display and look forward to discussing their characteristics and merits with you: Ambassador, Arsenal, Athlete, Carolus, Champion, Destiny, Fontane, Flair, Gourmandine, Manitou, Markies, Mustang, Novella, Performer, Rudolph and Volare.

Agrico remain committed to working with customers on a technical and marketing level, to introduce and explain existing and new varieties. We look forward to welcoming you to our demo stand which will be located in the field trial plots.
specialist breeder and supplier of high grade seed potatoes

Mustang is perfect for making potato wedges

**Potatoes in Practice**
Come and see us. We have the following varieties on display:

Ambassador, Arsenal, Athlete, Carolus, Champion, Destiny, Fontane, Flair, Gourmandine, Manitou, Markies, Mustang, Novella, Performer, Rudolph, and Volare.

Call: 01307 840 551
Email: potatoes@agrico.co.uk
www.agrico.co.uk
Field Trials and Demonstrations

Agrinos UK

Plot: 3

Contact details:
Neil Douglas Fuller, Technical Director
Agrinos UK, The Try Club Range, Grangeley House, Blankney, Lincoln LN4 3AZ

Email: neil@talkingtoplants.co.uk
Tel: +44(0) 1526 322 089
Mobile: +44(0) 7887 743 035
Web: www.agrinos.com

Introducing HYT (High Yield Technology) from Agrinos
In order to meet the global challenge of increasing food security and safeguarding environmental integrity, farmers need to produce much more yield, from much lower inputs. Agrinos High Yield Technology provides the agronomic breakthrough needed to achieve this vital task.

HYT Efficiency - liquid concentrate of naturally occurring soil-based microbes, designed to create a complete and highly productive microbial ecosystem in the soil, restoring and enhancing the fertility of modern agricultural soils.

HYT Nutrition - organic, biologically extracted liquid amino acid solution that acts as a nutrient source for beneficial microbes and as a bio-stimulant for the plant, resulting in better uptake of nutrients, improved plant development and greater tolerance to environmental stress.

HYT Bioguard - organic, biologically extracted, micronised Chitin. This high-grade natural polymer is used by the plant to strengthen root formation and cell structure, resulting in significantly increased levels of preventative, natural, non-toxic suppression of soil-based pathogens and nematodes.

Based on over 20 years of applied research, and with a proven track record in crops grown worldwide, Agrinos High Yield Technology is delivering on its promise.

For more information, or to review UK trials, contact Neil on (+44) 07887 743 035
Agrinos
High Yield Technology

**HYT Efficiency** - organic, biologically extracted liquid concentrate of naturally occurring soil-based microbes, designed to create a complete and highly productive microbial eco-system in the soil, capable of fixing and releasing nutrients, restoring and enhancing the fertility of modern agricultural soils.

**HYT Nutrition** - organic, biologically extracted liquid amino acid solution that acts as a nutrient source for beneficial microbes and as a bio-stimulant for the plant, resulting in better uptake of nutrients, improved plant development and greater tolerance to environmental stress.

**HYT Bioguard** - organic, biologically extracted, micronised Chitin. This high-grade natural polymer is used by the plant to strengthen root formation and cell structure, resulting in significantly increased levels of preventative, natural, non-toxic suppression of soil-based pathogens and nematodes.

To see HYT in action in the UK or review commercial trials, contact Neil on 07887 743035

www.agrinos.com
Agrovista’s trial plots this year are demonstrating a wide range of products and technologies for use in potato crops.

**Plot 1 demonstrates new Rhizoctonia treatments**

AG2013IF is a potential new in-furrow treatment for the control of soil-borne Rhizoctonia.

Emesto Prime FS is a new seed treatment from Bayer CropScience containing Penflufen and is demonstrated together with a development treatment containing Fluoxastrobin + Pencycuron applied in furrow at 3.0L/Ha for the control of soil-borne Rhizoctonia and Black Dot.

Serenade ASO contains Bacillus subtilis (strain QST 713) and is a new biological fungicide from Bayer CropScience, with an EAMU (formerly SOLA) for use on for the control of Streptomycetes, Rhizoctonia and Helminthosporium. Our trials assess application, timing and dose rate on efficacy.

Terra-Sorb is another new biological product containing L-amino acids, the building blocks of proteins, and the effect of applying in furrow and at emergence.
Plot 2 demonstrates haulm desiccation programmes and foliar nutrition

Desiccation trials compare two spray diquat (LS Diquat) sequences with the benefit of including Spotlight Plus with the second treatment either with or without drift retardant. Nutrition trials compare four products:

- **INCA** – a Calcium delivery system that increases marketable yield and improves quality.
- **N-Boost** – is a patented microbial nitrogen enhancing product that stimulates potato growth and development.
- **Terra-Sorb** – contains biologically active L-amino acids extracted by enzymatic hydrolysis to ensure maximum bio-availability.
- **K-Leaf** – is a Super soluble potassium sulphate to help meet the high crop demand for potassium during tuber bulking.

**Branston Ltd**

**Plot: 17**

**Contact Details:**
**Steve Crane/ David Nelson**
Branston Ltd, Mere Road, Branston, Lincoln LN4 1NJ

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Tel: +44 (0) 1522 799107
Fax: +44 (0) 1522 799106

The Branston plots showcase a cross-section of our Scottish multiplied varieties which are exclusively available from Branston Seed. New for 2013, we are introducing the Salad varieties Exquisa and Luciole which are both producing high yields of bright, baby salad potatoes with an excellent flavour. We’re also introducing Michelle – a new addition to the Baker category – alongside Safari, Saphire, Lanorma and Blue Belle. These all have strong disease profiles making them suitable for a wide range of cropping situations. In the Baby New category, Piccolo Star demonstrates very high tuber numbers of clean, golden tubers while Sassy and Daisy are well established in the crisping and chipping sectors. Alongside these varieties, there will also be updates on progress with bio-fumigant and trap crop trial results and the opportunity to meet Branston staff from the seed and procurement departments.
Caithness Potatoes Ltd.

Plot: 15

Contact Details:
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Web: www.CaithnessPotatoes.com

Divaa (CA 99-1) - 2nd Early: good fry colour, medium to high DM, bright skin, white flesh, good flavour. Suitable for pre-pack and chipping markets. Good Palladia resistance. Seed availability – limited

Libertie (105/2/W/06) - Early Maincrop: A new contender in the white prepack market. Medium dry matter, grows well in hot climates. Seed availability – very limited

Sunrise - 2nd Early/Early Maincrop: parti-coloured, large baker content and good flavour, cream flesh, medium to high DM, good drought resistance. Seed availability - good

Harmony - 2nd Early/Early Maincrop: high yields, high baker content, easy to grow with good storage qualities. Seed availability – good

Bute (166 HVN) - 2nd Early/Early Maincrop: high yields of attractive uniform tubers with good cooking qualities aimed at the Estima Melody Pre-Pack market. Seed availability – limited

Jubilee (13 KAG 08) - 2nd Early/Early Maincrop: very high yields of very attractive tubers. Aimed at the general white prepack market. Seed availability – very limited

Valor - Established maincrop: produces bold white-skinned tubers with good all round cooking qualities. Popular in hot dry climates and with UK growers seeking an easy to grow white maincrop with supermarket acceptability. Seed availability – good

Golden Nugget - Maincrop: ideal for the salad and punnet markets, producing high tuber numbers with golden skin. Good storage and cooking quality. Good resistance to Common and Powdery Scab. Seed availability limited – marketed in the UK by E Park and Sons
Agrovista has grown to become one of the most respected names in agronomy, product supply and technological support for the professional grower.

Over 130 highly qualified and dedicated agronomists are constantly giving independent product advice, and improving farm profits.

We also conduct the most comprehensive agronomy trials in the UK, from the north of Scotland to southern England studying product comparisons, crop husbandry and spraying techniques. Back up this depth of knowledge and expertise with farm business, financial, seed and fertiliser packages and farming can rely on a professional service that is second to none in the country.

telephone: 0115 939 0202    fax: 0115 939 8031    email: enquiries@agrovista.co.uk
Cygnet PB Ltd.

Plot: 14

Contact Details:
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Web: www.cygnetpb.com

Cygnet Potato Breeders Ltd., based in Scotland, is the seed-potato division of a family-owned agricultural group (Alexander Harley Seeds Ltd). Cygnet PB operates the largest privately owned potato-breeding programme in the UK on sites in Scotland and Cambridge. A significant part of the programme is devoted to the production of French fry and processing varieties. Cygnet PB produce Scottish pre-basic and basic seed potatoes and own the plant variety rights to several important varieties, including: Bambino, Bonnie, Bounty, Cabaret, Carlingford, Casablanca, Chicago, Excalibur, Isle of Jura, Rocket, Rubesse, Navan, and Saxon. These varieties offer superior benefits in terms of yield, disease resistance and processing characteristics that have been developed during the last 70 years. All our seed potatoes are derived from mini-tubers produced by our sister company Gentech, one of the first mini-tuber production units of its kind. With the rising international demand for Scottish seed potatoes, we have joined forces with Pan European Potatoes Ltd. to create an export focused company, Cygnet PEP Ltd., to combine each other’s expertise in breeding, growing and marketing.
Complete Crop Nutrition
for every stage of plant development

* Base fertilisers * Placement fertilisers * Specialist formulations *
* Foliar feeds * Biological additives * Full technical support *

Proven in independent trials in the UK over the last five years to consistently provide yield and quality increases over conventional fertiliser

To see the Flex Fertiliser System in action on commercial crops, or to attend one of our regional demonstration trial days, please contact Neil on 07887 743035

Flex Fertilizer System ApS, Vaarvangen 7, DK-5260 Odense, Denmark
www.flex-fertilizer.com
Field Trials and Demonstrations

Flex Fertiliser (GB) Ltd.

Plot: 2

Contact Details:
Neil Douglas Fuller, Technical Director
Flex Fertiliser System GB, The Try Club Range, Strangeley House, Blankney, Lincoln LN4 3AZ

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Tel: +44(0) 1526 322 089
Mobile: +44(0) 7887 743 035
Web: www.flex-fertilizer.com

The Flex Fertilizer System has been proven over many years to provide complete nutrient management strategies for a wide range of specialist and broad acre crops, delivering everything from placement and starter fertiliser to a full range of foliar feeds, specifically designed to meet the nutritional needs of the growing crop. The formulations produced by the Flex System are based on innovative complex chemistry, resulting in higher crop performance per unit of plant food applied. Trials in the UK over the last five years show significant improvements in potato yield and quality, compared to traditional fertiliser.

Building on the success of last year’s event, field plots demonstrate core components of the Flex system, including:

- **Placement fertiliser** - optimising tuber numbers, root development and water/nutrient uptake
- **Calcium nutrition** - affecting tuber development, seed vigour, fry colour and storage
- **Foliar nutrition** - maintaining canopy development, bulking rates and tolerance to stress
- **Graded yield** - targeting nutrition to improve uniformity, colour and skin finish
- **Common scab** - integrating nutritional and microbial materials to enhance plant health

For more information on the complete Flex System, or to arrange to visit Flex farm trials sites, **contact Neil on (+44) 07887 743 035**.
Frontier Agriculture Ltd.

Plot: 4

Contact Details:
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Frontier Agriculture Ltd., Distillery Farm, Welbourne Lane, Holbeach PE12 7PY

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Mobile:  +44(0) 7880 173 134

Frontier Agriculture will be demonstrating in the plots: seed treatment and in-furrow fungicides combinations, with both current and future products.

Frontier Agriculture offers a Nationwide Agronomy Team, with specialist potato services including; SOYL sampling, field planning, machinery advice, seed treatment, soil treatment, calibration, store management and agronomy.
Field Trials and Demonstrations

The Glenside Group Ltd.

Plot: 6

Contact Details:
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Bioscence® Boosting Biological productivity - Profitable potatoes from better informed soil and fertiliser management.

Bioscence® combines biology, science and soil sense in growing profitable potatoes. Glenside use their Albrecht® Soil Survey to identify the factors in each field which are limiting yields and affecting marketable quality. Detailed field by field recommendations are provided matched to variety and market requirements. Inputs are carefully targeted to optimise margins with lower carbon footprint.

The benefits of working with Bioscence® can clearly be seen on Glenside’s demonstration plots:

- higher percentage of marketable quality
- improved skin finish and storability
- reduced hidden costs
- lower carbon footprint

Glenside’s plots are managed by the James Hutton Institute and the results are monitored and reported on by Aberdeen University.

Glenside’s clients are located throughout the UK, Ireland, Southern Europe and the Middle East. As the UK’s leading proponent of Bioscence® to achieve sustainable soil and crop management, Glenside welcomes enquiries from growers and their advisors in the UK and overseas.
Grampian Growers Ltd.

Plot: 10

Contact Details:
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Grampian Growers, as leading seed specialists, provide all customers and suppliers with a level of service that includes personal attention, professionalism and integrity. As a farmer-owned co-operative, established over 40 years ago, Grampian Growers strive to help with customers and suppliers own business objectives.

To meet this, our dedicated supply base use the most modern equipment and storage facilities. Grampian staff can help meet your seed requirements by discussing all aspects of procurement from variety selection to complete traceability.

BENNETT SEED EXPORTS

Bennett Seed Exports are one of the leading seed exporters in Scotland and have been involved in exports for over 30 years. Attention to detail and a quality product have been the key to our success.

Varieties:

GEMSON - Gemson is a white bright skinned salad type potato. High yielding, it produces a large number of round uniform under 42mm potatoes

NIETA - Nieta is a high yielding oval variety, producing large tubers in Mediterranean / North African climate suitable for French fry production

AMOUR - Amour is a high yielding parti-coloured variety for horticultural use and export.
Greenvale AP

Plot: 16

Contact Details:
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Greenvale AP are the largest supplier of seed potatoes to UK growers. We offer high quality seed to cater for every customers’ requirements. Our thriving seed export business supplies numerous countries internationally, and annually we treat up to 5000 tonnes of seed with our unique Accumulator™ storage treatment.

We handle a diverse range of varieties covering all market sectors, designed to suit all growers’ needs. These include both Greenvale varieties and other breeders licensed varieties.
Higgins Agriculture Ltd.

Plot: 8

Contact Details:
David Chalmers, General Manager
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Mobile:  +44(0) 7768 866 810

Olympus - in a recent testing programme, our flagship variety was shown to have very low levels of acrylamide. Having excellent storage and processing qualities, it has been approved by several crisp manufacturers and major retailers.

Horizon - this late maincrop variety consistently achieves immense yields. Bred as a Hermes replacement but steadily gaining ground in the starch and mash market.

Safiyah - a second early table variety which has performed extremely well in Egypt and the Mediterranean countries. Shape and yield are good, with a bright skin finish. It is now being trialled in other parts of Europe.

Bremner - an early maincrop table variety. It has consistently achieved good results in the North African and Mediterranean markets.

Zorba - marketed in the UK by Higgins, this variety is suitable for both chipping and table use. Already well known and used in Europe, it has high resistance to bruising and is suitable for long-term storage.

HG 05-3 A9 and HG 05-3 A17 - these Olympus crosses are currently undergoing National List trials. We have high hopes of them building on the success of their parent.

HG 99-97.1 - this attractive particolour has shown great promise in trials in the Canaries over several years. It has also been entered into National List trials.
Field Trials and Demonstrations

IPM (Irish Potato Marketing) Ltd.

Plot: 9

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Website: www.ipm.ie

A wholly owned subsidiary of Donegal Creameries, Irish Potato Marketing has a portfolio of 27 commercial potato varieties which are produced and sold in more than 40 countries. With its headquarters and main sales centre in Dublin, seed potatoes are produced from production bases in Ireland, Scotland, England, Netherlands, France, Denmark and more recently Brazil. IPM also has production agreements for its varieties in North America, Australia, New Zealand and South Africa.

Its Scottish operation is centred in the heart of the main commercial seed county of Angus along with the sister business of A J Allan who grow and market quality seed in their own right under the jurisdiction of Alistair Melrose, his team and a number of carefully selected growers who grow both IPM and free varieties.

To help achieve its goals and expand its position as the UK’s leading exporter of protected seed potato varieties, IPM is showcasing 16 of its portfolio which all emanate from the TEAGASC breeding programme at the Oak Park Research Centre, Carlow near Dublin. On show are the new varieties Casino, Bikini and Torino along with three new seedlings and the upcoming Nectar, Electra, Cristina and Infinity.

If you would like to become part of IPM’s team of seed growers or if your interest is simply pre-packing, processing, crisping or organic, you will be made very welcome at our IPM field plot.
Contact Details:
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Tel: +44(0) 1763 207 300
Fax: +44(0) 1763 207 333
Mobile: +44(0) 7788 311 967

KWS UK Ltd. are demonstrating eight of their exciting varieties:

**Perline** - A first early salad variety with extremely high stem numbers giving very good tuber numbers. Medium to short dormancy.

**Piccolo Star** - Salad variety with very high tuber numbers. It produces oval round tubers with light yellow flesh.

**Saphire** - A strong variety in the baker market. Suitable for long-term storage as well as movement straight off the field.

**Essenza (AFL 96-2)** - A main crop variety which produces high yields, with very high baker percentages ideal for the table market with a very good skin finish. Suitable for long-term storage.

**Richhill** - A main crop table variety with high baker percentage, this variety looks good for the organic market as it needs low inputs.

**Ramos** - This is a good all-round potato, very suitable for the processing industry. Good for French fries, chips and a great table potato.

**Bafana** - A mid–late variety for the processing market with high yields which stores very well. Very suitable for processing and French fries.

**VR808** - The optimum crisping potato has round uniform sized tubers with a shallow eye. It has a stable high dry matter throughout the growing season.
Omex Agriculture

Plot: 5

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Omex, the UK’s leading manufacturer and supplier of liquid fertiliser, suspension fertilisers, and foliar health promoters, are demonstrating how our unique portfolio of biostimulants, precision fertiliser applications and foliar nutrition products can be used in combination to promote crop growth and plant health, boost yields and to meet challenging quality targets, both for seed and ware crops.

The trial area showcases carefully targeted input regimes aimed at producing optimum tuber size, numbers and quality for a seed crop, and yield, crop health and skin finish for a ware crop.

The demonstration include precision base fertiliser placement, the use of Biomex biostimulants to promote root growth, the use of phosphites and foliar nutrition to promote plant health.

Promoting plant health with bio stimulants and targeted nutrition has been shown to make crops more tolerant to stress from pests, diseases, drought and other factors. This can enable reductions in other inputs and less dependence on pesticides, in tune with the current drive for integrated crop management and sustainable agriculture.
POTATO TRIALS SPECIALISTS

Target Set offer fully independent, replicated field trials services for assessing varieties, agronomy protocols, product application rate and timing responses, development of innovative biological and chemical control strategies.

NEW FOR 2013

SIDE RIDGE INJECTION

Placement of fertilisers, nutrients, bio-controls and chemicals in the ridge from planting to full canopy closure

www.targetset.co.uk
Key

Central Aisle
A  Potato Council
B  SRUC
C  SASA
D  The James Hutton Institute
E  Mylnefield Research Services Ltd.
F  Agrii
G  The James Hutton Institute

Periphery
1  Agrinos UK
2  BASF plc
3  Bayer Crop Science Ltd.
4  Belchim Crop Protection Ltd.
5  Biofresh
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8  Burdens Goodacres
9  Dupont (UK) Ltd.
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12 Frontier Agriculture Ltd.
13 Gowan Comércio International
14 Grimme (UK) Ltd.
15 Haith Group
16 Higgins Agriculture Ltd.
17 JD Cooling Systems Ltd.
18 Lynchwood Diagnostics Ltd.
19 Makhteshim-Agan UK Ltd.
20 McCain Potatoes
21 Neogen Europe Ltd.
22 Newtec Odense UK Ltd.
23 NNZ Ltd.
24 Plant Solutions Ltd.
25 QV Foods Ltd.
26 Redwood Refrigeration Ltd.
27 Restrain Company Ltd.
28 Ringlink Scotland
29 R J Herbert Engineering Ltd.
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31 Solufeed Ltd.
32 Strathmore Potatoes
33 Syngenta UK Ltd.
34 Team Sprayers
35 Tong Peal Engineering Ltd.
36 TRP Scotland Ltd.
37 United Phosphorus Ltd.
38 Verbruggen Palletizing Equipment
39 Wroot Water Ltd.
The Potato Council (Central Aisle A)

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Web: www.potato.org.uk

The Potato Council is a wholly-owned subsidiary of the Agricultural and Horticultural Development Board (AHDB) which was set up as a result of the restructuring of levy bodies in 2008.

Potato Council strategic priorities are delivered through a cross-sector and multi-disciplinary approach: Research and Development, Knowledge Transfer, Communications, Marketing and Market Development (including seed exports), in order to achieve a single industry outcome: a sustainable and profitable potato sector.

As a sector within AHDB, our objectives are derived from five overarching objectives agreed by AHDB Board:

1. Deliver value for money for Levy Payers in everything we do
2. Improve efficiency and productivity in the industry to help levy payers have thriving businesses
3. Improve marketing in the industry to help profitability and customer awareness
4. Improve services that the industry provides to the community
5. Improve ways in which the industry contributes to sustainable development

The GB potato industry invests in its own future through the Potato Council. The Potato Council has sought to understand the business environment for potatoes and uses this understanding to present information and analysis to assist industry to achieve the goals above and to shape its own future.

The Potatoes in Practice event has developed into an essential part of this communication between the Potato Council and its levy payers and stakeholders. The event provides an excellent opportunity for forward thinking members of the industry to take full advantage of their own investment.

Potato Council focus continues to be on developing its engagement with levy payers and welcomes opportunities to speak to PiP participants about Potato Council varied activities. Come and talk to us on our stand in the marquee.

More information on Potato Council work can be found at www.potato.org.uk
The James Hutton Institute encompasses a distinctive range of integrated, world-class strengths in land, crop, water, environmental and socio-economic science. It undertakes research for customers including the Scottish and UK Governments, the EU and other organisations worldwide. The institute has a staff of nearly 600 and 125 PhD students. The Institute organises its research through seven principal themes: Safeguarding Natural Capital, Enhancing Crop Productivity and Utilisation, Delivering Sustainable Production Systems, Controlling Weeds, Pests and Diseases, Managing Catchments and Coasts, Realising Land’s Potential and Nurturing Vibrant and Low Carbon Communities.

The Institute operates commercial subsidiaries. Macaulay Scientific Consulting (MSC) Ltd. is a leading environmental consultancy centre offering unparalleled experience in soil and water consultancy, and land evaluation. Mylnefield Research Services (MRS) Ltd. undertakes contract research, especially plant breeding, licenses plant varieties internationally and delivers analytical services.

Research Themes and Leaders
Safeguarding Natural Capital – Professor Alison Hester
Enhancing Crop Productivity and Utilisation – Professor Derek Stewart
Delivering Sustainable Production Systems – Dr Tim Daniell
Controlling Weeds, Pests and Diseases – Professor Ian Toth
Managing Catchments and Coasts – Dr Marc Stutter
Realising Land’s Potential – Professor David Miller
Nurturing Vibrant and Low Carbon Communities – Dr Robin Matthews

Science Groups and Leaders
Cell and Molecular Sciences – Professor Lesley Torrance
Environmental and Biochemical Sciences – Dr Andy Midwood
Ecological Sciences – Dr Pete Goddard
Social, Economic and Geographical Sciences – Professor Deborah Roberts
Information and Computational Sciences – Dr David Marshall
Potato Council funded research at the James Hutton Institute: Scientific advancements benefiting the potato industry (Central Aisle D)

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The James Hutton Institute, Dundee DD2 5DA

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The Potato Council, either wholly or in part, funds a number of research projects at the James Hutton Institute covering a diverse range of issues affecting the potato industry; from the control of pests and pathogens to improving nutritional and processing quality of tubers. This display highlights the broad range of research being undertaken at the James Hutton Institute and illustrates how scientific advancements aid the potato industry. Many of the projects are in collaboration with other research institutes or industry partners, ensuring complimentary skills are utilised to maximise outputs to the industry.

Using the potato genome for genetics and breeding (Central Aisle D)

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Tel: +44(0) 844 928 5428

The potato genome, published in 2011, has the potential for revolutionising the way we do potato genetic analysis and will also have important implications for potato breeding. For example the genome sequence tells us that it contains ~39,000 ‘genes’ the majority of which will have a function in the potato plant. The genome has also given us access to more than 10,000 new genetic markers that can be used, in combination with the locations of the genes in the 12 potato chromosomes, to analyse important traits such as tuber characteristics, resistances to pests and pathogens and aspects of resource-use efficiency. In this exhibit we will show how the various traits we work on are located in the genome and how the work that we are doing will lead to a better understanding of these traits.
Centre for Sustainable Cropping: a long-term facility for research on arable cropping systems (Central Aisle D)

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The long-term viability of farming in Scotland depends on the sustainable management of our agricultural habitats. We need to achieve a balance between maximising crop production, conserving arable biodiversity and maintaining ecosystem functions. The Centre for Sustainable Cropping (CSC) is an experimental research platform at Balruddery Farm near Dundee. It is the first of its scale in the UK and provides a test-bed for new sustainable management practices and crop varieties, designed to: maintain yield quality and yield stability at lower levels of agrochemical inputs; reduce GHG emissions and nutrient leaching from the system, and; enhance soil quality and arable biodiversity.

SRUC (Scotland’s Rural College) (Central Aisle B)

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SRUC, Ferguson Building, Craibstone Estate, Aberdeen AB21 9YA

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Tel: +44(0) 1224 711 213

SRUC is a knowledge transfer organisation committed to enhance the sustainability of land-based industries. SRUC provides advice, diagnostics and research services to all sectors of the potato industry. SAC Consultancy (a subsidiary of SRUC) provides advice, research services and consultancy and operates a dedicated membership scheme for potato growers (SACAPP). All advice is based on experience and data from past and current R&D projects. Potatoes in Practice is a showcase for SRUC activities with field trials and a marquee that cover current issues affecting the industry. Take time to meet the SRUC / SAC Consulting potato team at PiP who have in-depth knowledge across the spectrum of potato production including agronomy, potato diseases and pests, herbicides and storage.
Soilquest is our own in house soil sampling system it uses soil electrical conductivity to generate finely detailed and highly accurate soil maps. It uses DGPS and Soil Electrical Conductivity to identify areas of contrasting soil properties. There is significant soil variation across most fields. Using soil mapping data each soil type area can be zoned allowing specific treatments, operations and cropping decisions to be targeted to soil type. There are currently ongoing trials into variable spaced planting to see if we can improve tuber size uniformity.

Access to improved potato cultivars with resistance to pests and diseases and superior quality attributes, is an essential element in the continued development of a thriving and sustainable UK potato breeding industry. The aim of potato breeding research at the James Hutton Institute is the continued development of scientific breeding methods. Mylnefield Research Services (MRS) Ltd. was founded in 1989. It is a wholly-owned subsidiary of the James Hutton Institute and is responsible for commercialising the intellectual property and expertise of the Institute.
Access to extensive parental stocks and unique potato germplasm within the Commonwealth Potato Collection coupled with research into selection procedures and new improved progeny testing methods has had a dramatic effect on both the quality and the effectiveness of the potato breeding programmes at the James Hutton Institute. New cultivars with improved disease resistance, quality attributes and yield are released through MRS, in collaboration with commercial industry partners.

MRS undertakes targeted breeding programmes for companies internationally. Varieties bred by MRS, in collaboration with industry partners, include Lady Balfour the leading organic potato variety in the UK and Vales Sovereign.

SASA — Science and Advice for Scottish Agriculture (Central Aisle C)

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Fax: +44(0) 131 244 8988
Web: www.sasa.gov.uk

SASA, part of the Scottish Government’s Agriculture, Food and Rural Communities Directorate, is the Certifying Authority for seed potato production in Scotland and manages the Seed Potato Classification Scheme (SPCS). The SPCS helps ensure Scotland’s reputation for the production of high quality seed potatoes, through strict tolerances for freedom from disease and trueness to type. SASA also carries out a range of other activities in support of potato production in Scotland; producing pathogen-tested microplants, testing for quarantine pests and pathogens, potato cyst nematodes (PCN), Dickeya spp. and other diseases, as well as monitoring the level of the aphids which can spread some virus diseases.
Agrinos UK (Space 1)

Contact Details:

**Neil Douglas Fuller, Technical Director**
Agrinos UK, The Try Club Range, Strangeley House, Blankney, Lincoln LN4 3AZ

Email: [neil@talking2plants.co.uk](mailto:neil@talking2plants.co.uk)
Tel: +44(0) 1526 322 089
Mobile: +44(0) 7887 743 035

Agrinos is a green technology company committed to improving the productivity and sustainability of modern agriculture. Agrinos’ range of High Yield Technology™ (HYT™) products helps farmers to practice profitable agriculture by providing increased crop productivity, improved efficiency of conventional fertiliser and a reduced environmental footprint.

Certified as organic and based on Agrinos’ proprietary technology, the HYT™ products provide benefits by strengthening the soil-based microbial ecosystem, stimulating crop development at key points in the growth cycle and boosting natural plant resistance to pathogens and threats. With solutions for a variety of crop categories, the technology comprising the HYT™ products has demonstrated its value in third-party trials in key agricultural regions worldwide.

For more information, or to review UK trials, contact Neil on +44(0) 7887 743 035.
BASF plc (Space 2)

Contact Details:
**Robert Storer / Phil Brown**
BASF plc., Earl Road, Cheadle Hulme, Cheshire SK8 6QG

Email:  robert.storer@basf.com  
Tel:  +44(0) 1614 885 731  
Fax:  +44(0) 1614 828 086  
Mobile:  +44(0) 7768 464 037

BASF will be displaying their portfolio of products for use on potatoes, products such as the blight fungicide Invader®, the important herbicide Stomp® Aqua and the new blight fungicides based on Initium.

Visit the BASF stand for an opportunity to discuss our potato products in more detail.

Bayer CropScience Ltd. (Space 3)

Contact Details:
**Charlie Meads, Event Coordinator**
Bayer CropScience Ltd., 230 Cambridge Science Park, Milton Road, Cambridge CB4 0WB

Email:  charlie.meads@bayer.com  
Tel:  +44(0) 1223 226 500

Bayer CropScience look forward to Potatoes in Practice 2013. This year, our exciting new potato seed and in-furrow treatments are being demonstrated on the site and we invite you to visit our stand to find out more about these projects. We will of course be delighted to discuss how our current range of potato crop protection products *Infinito, Artist, Biscaya, Consento, Draza forte* and *Monceren* can help optimise the potential of your crops. For enquiries after the event please call our Bayer Assist Line on 0845 609 2266 or 01223 226 644.
Belchim Crop Protection Ltd. market an extensive range of crop protection products for the potato crop from pre-emergence to desiccation. Products include a range of unique pre-emergence residual combinations for effective weed control and Shark, a complementary contact herbicide. Fungicides include the new formulation of a market leading potato blight product, Ranman Top, an all-in-one formulation with excellent activity throughout the growing season against foliar and tuber blight. A novel aphicide in the range is Teppeki, which is active against all aphid species and it is not a neo-nicotinoid. The desiccant Spotlight Plus finishes the season as a very effective stem desiccant.
Ranman TOP

New formulation, same outstanding performance

- New all in one formulation
- Excellent rainfastness
- Excellent new growth protection
- Excellent foliar and tuber blight control

USE PLANT PROTECTION PRODUCTS SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.
For further information on product hazard warnings, risk and safety phrases consult the website www.belchim.com
Belchim Crop Protection Ltd, 1b Fenice Court, Phoenix Park, Eaton Socon, St. Neots, Cambs, PE19 8EP.
Tel: 01480 403333, Fax: 01480 403444, Web: www.belchim.com
Ranman is a registered trademark of the approval holder, Ishihara Sangyo Kaisha Ltd.
Ranman Top contains cyazofamid.
Biofresh (Space 5)

Contact Details:
Stephen Meenaghan, Business Development Director
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Mobile: +44(0) 7894 689 946

Biofresh ethylene management units suppress sprouting in storage, chemical and residue free.

- Single, Twin and multistore systems available
- One system will service any size store
- Online monitoring and control available
- No additional fuel or tonnage fees

Biofresh Ethylene Management Units operate using 99.95% ethylene supplied in cylinders, satisfying CRD quality requirements. Cylinders ensure delivery of pure ethylene, avoiding potential impurities which may occur with other methods of ethylene generation.

99.95% pure ethylene from cylinders has been approved by the UK Chemical Regulations Directorate (MAPP Registration Number 15729 dated 2012).

Systems being used widely throughout the UK, Ireland, Europe and Asia.
Brackenbury Engineering Ltd. (Space 6)

Contact Details:
David Brackenbury, Director
Brackenbury Engineering Ltd., Abbey Farm, Abbey Lane, Kirkstead, Woodhall Spa, Lincoln LN10 6UH

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Fax: +44(0) 1526 354 762
Mobile: +44(0) 7837 226 740
Web: www.brackenburyeng.com

We specialise in the supply of quality new and second-hand grading/handling machinery to the potato and vegetable industry.

Always plenty in stock to suit 10 – 1,000 acre growers.

Bradley Refrigeration Ltd. (Space 7)

Contact Details:
Eden C Croft, Director
Bradley Refrigeration Ltd., 929 Abbeydale Road, Sheffield S7 2QD

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Tel: +44(0) 114 236 9971
Fax: +44(0) 114 236 8681
Mobile: +44(0) 7810 821 143

Bradley Refrigeration Ltd. has been involved in the Agricultural Industry for over 50 years. During this time agriculture work has become a major part of the company’s portfolio.

Bradley Refrigeration can help design your cold store as well as providing unique specifically designed in house coolers for potatoes and high humidity applications, floor or overhead coolers, wet air coolers and hydro cooling or glycol cooling systems, ventilation systems, general cold rooms, humidification and dehumidification, as well as service and maintenance.

Bradley Refrigeration also has in-house expertise to provide solutions for one-off projects or specialist cold rooms.
Burdens Goodacres (Space 8)

Contact Details:
Adrian Harrison, Sales and Aftersales Representative
Burdens Goodacres, The Burden Group Ltd., Spalding Road, Sutterton, Boston, Lincs. PE20 2ET

Email:  adrian.harrison@burdens.com
Tel:  +44(0) 1205 460 466
Fax:  +44(0) 1205 460 122
Mobile:  +44(0) 7825 267 080

Burdens Goodacres provide sales and service support to a wide range of equipment. This includes Compas, Tong and other makes of graders. We also offer stitcher repairs as well as new stitching and weighing lines. We can supply a wide range of spares including stitcher thread. We can make riddles and rollers to order.

DuPont (UK) Ltd. (Space 9)

Contact Details:
Geoff Hailstone, Territory Business Manager
DuPont (UK) Ltd., Agricultural Products, Wedgwood Way, Stevenage, Herts. SD1 4QN

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DuPont (UK) Ltd. has been a provider of key tools for protecting the UK potato crop for over 20 years, with actives and products which form the backbone of your armoury against Phytophthora, Alternaria, PCN, FLN and weeds.

Our researchers are continuously developing new solutions to the evolving challenges faced by growers and agronomists to ensure you maximise yield and achieve the quality standards to meet market requirements.
Farm Electronics Ltd. manufactures a complete range of ambient and refrigerated ventilation equipment for seed and ware potatoes.

As well as the Cropscan range of temperature control equipment, we also manufacture a range of packaged refrigeration units with capacities from 200-2000 tonnes, unitising high efficiency scroll compressors, for reduced running costs. The packaged cooler can also be fitted with motorised louvres, allowing ambient ventilation with air mixing, when the external temperature is suitable.

For stores not requiring refrigeration we have a range of air handling units, which can ventilate with cool ambient air with air mixing controlled automatically by the Cropscan.
Fischbein Saxon Ltd. (Space 11)

Contact Details:
Barry Cox, Sales and Service Manager
Fischbein Saxon Ltd., 274 Alma Road, Enfield EN3 7RS

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Tel: +44(0) 844 372 2877
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Mobile: +44(0) 7879 446 022

Fischbein-Saxon Ltd. celebrates a hundred years of expertise in bag closing solutions and is running a special product promotion on all portable sewing machines. All customers can receive a £100 off their purchase of our portable bag sewing machines. Our machines also specifically target potato and onion packers with a competitively priced range of mini sewing systems with integrated V track conveyors bagging machines including palletisers to cut down your production costs and time.

Assured with the quality and reliability of the Fischbein group’s global manufacturing basis and technical staff, they meet the needs of small packers looking for hand held sewing and sealing machines and thread to complete bagging and palletising installations.
Frontier Agriculture Ltd. (Space 12)

Contact Details:
Clare Barker, Technical Potato Coordinator
Frontier Agriculture Ltd., Witham St Hughes, Lincoln LN6 9TN

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Frontier Agriculture Ltd. is the UK’s leading crop inputs and grain marketing business.

Frontier’s potato division offer specialised application equipment to potato growers, as well as a wide range of products and services supporting potato production, from planting through to harvest and into store.

SOYL provide a range of Precision Farming Services for potato growers including variable rate nitrogen, precision nutrient management, variable depth cultivations and PCN mapping. For further information about SOYL, please contact Simon Parrington on 07850 468 587 or email simon.parrington@soyl.co.uk.
Roxam® is a strong protectant fungicide, active on foliar, stem and tuber blight and scores very highly in the Euroblight ratings for Alternaria control.

A unique combination of two robust actives, zoxium and mancozeb, it offers a strong anti-resistance position, with multi-site protection and a totally unique mode of action. It is highly rainfast.

Best used from the start of tuber initiation and up to eight sprays allowed, growers have ultimate flexibility to integrate Roxam® into their programmes. It adds to the overall effectiveness of blight control and increases marketable yields.

®Roxam from Gowan Comércio Internacional e Serviços Limitada
Roxam® the essential potato blight fungicide for resistance management

**Highly effective** foliar, stem and tuber blight control
**Unique combination** of two robust actives, zoxium and mancozeb
**Strong anti-resistance position**, with multi-site protection
**Unique zoospore activity**, resulting in strong tuber blight protection
**Top rating for activity** on early blight, Alternaria
**Ultimate flexibility** within the blight programme

Roxam® contains zoxium® (zoxamide) and mancozeb.
Roxam and zoxium are registered trademarks used under licence by Gowan Comercio Internacional e Servicios Limitada.
*Use plant protection products safely. Always read the label and product information before use.*
Grimme (UK) Ltd. (Space 14)

Contact Details:
Graham Fryer, Business Manager, Scotland and Ireland
Grimme UK Ltd., Station Road, Swineshead, Boston PE20 3PS

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Mobile: +44(0) 7769 348 769

Grimme manufacturers of the Grimme range of potato equipment including bedforming, tilling, estining and planting equipment. Mechanical and powered inter-row cultivation equipment. Two, four and six row toppers with flail and spray facility for haulm removal and desiccation. Single row SE, two row and three row potato harvesters GTM and GTS trailed harvesters. Self-propelled harvesters – two, three and four row models. Grading equipment for into-store/out-of store, including hoppers, box tipplers, cleaners (Multi-Sep/PUCoils), graders, box fillers, conveyors and elevators. Full range of irrigation equipment. Sugar beet and vegetable toppers and harvesters as bespoke machines. ASA-LIFT harvesting machinery for all vegetable types.

Haith Group (Space 15)

Contact Details:
Duane Hill, Sales Manager
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Mobile: +44(0) 7872 695 149

Haith Tickhill Group is now one of the world leaders manufacturing machinery for handling root crops such as potatoes, carrots, onions, swedes, and all manner of other vegetables. The company specialises in grading, washing, bulk handling, weighing, pre-packing lines and water treatment systems, using the latest computer-aided design and production technology.
Today Haith is recognised as a fore-runner in design and technology having won ‘The Queen’s Award for Innovation’ along with many other awards for its quality and design and is constantly launching new products which keep the company ahead of its competitors!!

**Higgins Agriculture Ltd. (Space 16)**

**Contact Details:**
**David Chalmers, General Manager**
Higgins Agriculture Ltd., Seed Office, Longhillock Store, Alves, Elgin IV30 8UZ

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Fax: +44(0) 1343 850 504
Mobile: +44(0) 7768 866 810

Higgins Agriculture Ltd. Seed Division

Moray in Scotland is the home of the Higgins Group Seed Operation, an area which is one of Europe’s most disease free regions. We are always investing in breeding and research and development to ensure the company maintains its position as one of Scotland’s largest seed growers and multipliers.

The Higgins Group is a worldwide exporter with an international reputation. Therefore, it’s vitally important to supply the highest quality seed.

Higgins constantly strive for and invest in excellence.
JD Cooling Systems Ltd. (Space 17)

Contact Details:
Richard Corby, Service Manager
JD Cooling Systems Ltd., Genesis House, Lubeck Road, North Lynn Industrial Estate, King’s Lynn, Norfolk PE30 2JE

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Based in Dundee, JD Cooling Systems operate three local engineers to support their rapidly growing list of Scottish clients with same day service and 24 hour call-out. Together with providing comprehensive F-Gas Certification, JD Cooling offer high quality, efficient installations for a wide range of storage requirements, including potatoes. They also specialise in rapid cooling tunnels for soft fruit.

Lynchwood Diagnostics Ltd. (Space 18)

Contact Details:
Elizabeth Sullivan, Sales Specialist – Plant and Food Bourne Pathogen Tests
Lynchwood Diagnostics Ltd., Commerce Road, Lynch Wood Business Park, Peterborough PE2 6LR

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Fax: +44(0) 1733 238 412
Mobile: +44(0) 7798 893 295

By working directly with manufacturers around the world Lynchwood Diagnostics is able to provide a full range of plant pathogen diagnostic tests including quick and accurate in-field test kits for use by farmers and agronomists. Our most notable potato test kits allow the users to test for PVA, PVS, PVM, PVV, PVX, PVY, Sss and Phytophthora.

*Visit our stand to find out about our full range of quick tests*

We also provide Instruments, Disposables and Complete ELISA Kits to plant testing laboratories. Brands include the prestigious BIOREBA and recently added ACD.
Contact Details:
Lisa Harlow, Commercial Manager
Makhteshim Agan UK Ltd., Unit 15 Thatcham Business Village, Colthrop Way, Thatcham
RG19 4LW

Email: admin@mauk.co.uk
Tel: +44(0) 1635 860 555
Fax: +44(0) 1635 860 555

Makhteshim Agan is the seventh largest manufacturer of crop protection solutions with over six decades of experience. We are dedicated to our farmers and creating simplicity in agriculture; leveraging reputation for quality, value, service and environmental responsibility.

At Makhteshim-Agan (UK) Ltd (MAUK) our aim is to simplify agriculture, for instance, new easy-clean packaging; lower application rates; improved formulations, lower concentrations that enhance crop safety while boosting performance; faster rates of uptake; new combinations of active ingredients that can do the job better; strategies designed to reduce residues and to keep leaching well away from water courses. Although our parent company operates in over 120 countries, here at MAUK it’s British farmers that matter most. We provide a first-class technical support team to disseminate best advice to agronomists and growers. We’re involved in stewardship groups to help keep the right actives in the market. We care about our customers and how our products can play such a large part in protecting their crops from weeds, pests and disease.
Established in 1986, we are celebrating 25 years of seed potato supply this year. Seed sales to England and abroad have grown from 5,000 tonnes of Pentland Dell, to over 26,000 tonnes of processing varieties including Shepody, Russet Burbank, Umatilla Russet, Pentland Dell and Innovator for Macfry production and retail products Maris Piper, Cabaret, Markies, Royal, Morene and Casablanca. Seed production centres around a six-year multiplication system initiated from minitubers and field multiplied for five generations. Over 50 contract seed growers are involved, encompassing all seed-growing Scottish counties.

New variety development is key element of our strategy, involving breeding programmes with the James Hutton Institute and Cygnet PB Ltd. Also, our global network identifies and trials potential new varieties from other sources.
Neogen Europe Ltd. (Space 21)

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Web: www.plant.neogeneurope.com

Neogen Europe Ltd. is a global leader in the development, manufacture and supply of innovative and reliable diagnostic products to detect a wide range of important viral, bacterial and fungal plant pathogens. Our unique range of test kit formats meets the needs of researchers, diagnosticians, extension workers, farmers and growers. With experience in the supply and support of our products in over 90 countries worldwide, Neogen Europe has an extensive range of products specifically targeted to pathogens of concern to the potato industry, where our easy-to-use formats deliver rapid accurate results in even the most demanding of situations.

Newtec Odense UK Ltd. (Space 22)

Contact Details:
Paul Graham, Technical Sales Director
Newtec Odense UK Ltd., 22 Fleet Road Industrial Estate, Fleet Road, Holbeach PE12 8LY

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Mobile: +44(0) 7827 973 236

Newtec Odense UK Ltd. are one of the world’s leading manufacturers of linear multi head weighing equipment and optical graders for potatoes, fruit and vegetables. With representation in over 35 countries worldwide, Newtec have a wealth of knowledge in the packing industry and can supply either one of their bespoke machines or complete turnkey projects.
NNZ Ltd. (Space 23)

Contact Details:
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Mobile: +44(0) 7791 515 411

Since its foundation in 1922 NNZ has grown to become a leading supplier of packaging solutions across agricultural and industrial sectors encompassing a vast range of packaging formats.

The long established UK division of NNZ will utilise the knowledge and experience of the NNZ Global group to bring an attractive packaging proposal to the Scottish Seed Potato industry.

The focus of this comprehensive offer will be the proven, over 90 years, supply of Jute sacks and FIBC (Bulk bags) using a newly created local print and distribution facility.
NNZ founded in 1922 is a leading organisation in the world of packaging for the agricultural sector. The company undertakes intensive market research and continually anticipates market developments. In doing so NNZ has earned a central global position within the world of packaging.
Plant Solutions Ltd. (Space 24)

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Mobile: +44(0) 7917 834 286

Plant Solutions Ltd. is an expanding company specialising in the development, promotion and supply of alternative technologies and products for crop protection.

Our range covers bio-fumigant crops, trap crops, green manure crops, bio-stimulants, foliar feeds and fertilisers.

We have an ongoing programme of research and development with particular focus on integrated crop management as a way forward to satisfy the ever changing regulatory restrictions on chemical pesticide use, and the demands by retailers to reduce pesticides in crop production.

Our products are used in agriculture and horticulture, both in the UK and overseas in a range of climates and crops.

QV Foods (Space 25)

Contact Details:
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QV Foods are a family owned grower, packer and process of potatoes and other vegetables. Based in Holbeach, Lincolnshire we also have factories in March, Cambridgeshire and Inchture, Perthshire. QV Foods supply the UK retail, foodservice and food manufacturing sectors.
Redwood Refrigeration (Space 26)

Contact Details:
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Redwood Refrigeration, Kinfauns, Perth PH2 7JZ

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Tel: +44(0) 1307 840 750

Potato storage ventilation and refrigeration systems design and installation, drying, positive ventilation, remote store monitoring, refrigeration service and repairs.

Restrain Company Ltd. (Space 27)

Contact Details:
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Restrain Company Ltd., Kennels House, Overbury Hall Road, Lower Layham, Ipswich, Suffolk IP7 5RR

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Restrain ethylene offers a residue free alternative to CIPC or can be used as a complimentary product to back up a lower dose or single application of CIPC. The Restrain ethylene generators are quick and easy to install, requiring no store modifications. The natural ethylene gas distributes itself throughout the entire crop, giving even anti-sprout control. Restrain gives growers the flexibility to unload from the ethylene atmosphere at any point allowing you to react to the market with complete confidence in crop and consumer safety.

Visit our stand at Potatoes in Practice to discuss lease options available for the 2013/14 storage season.
Ringlink Scotland Ltd. (Space 28)

Contact Details:
**Graham Bruce, Managing Director**
Ringlink Scotland Ltd., Cargill Centre Business Park, Aberdeen Road, Laurencekirk AB30 1EY

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Mobile: +44(0) 7786 396 500

Ringlink Scotland Ltd. is the UK’s largest business ring with a membership in excess of 2600. As a co-operative, the business is owned by its members and revolves around the supply and demand of goods and services between its members. Established in 1988, the Ring has seen significant growth progressing from a company focusing entirely on agriculture into a diverse business which now includes provision of labour, commodity supplies, haulage, construction, forestry and electricity contracts together with a variety of other business activities.

R J Herbert Engineering Ltd. (Space 29)

Contact Details:
**Steven Skipper, Sales Engineer, Agri Division**
R J Herbert Engineering Ltd., Middle Drove, Marshland St James, Wisbech, Cambridgeshire PE14 8JT

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Fax: +44(0) 1945 430 487
Mobile: +44(0) 7767 611 955

Herbert Engineering are market leaders in designing and manufacturing top quality agricultural handling machinery for a variety of root crops.

Herbert’s scope ranges from single unit to multi-million pound installations both in the UK and abroad. For every project undertaken quality comes as standard and the priority is to provide a first class solution from customised design, quality of build, efficient installation and outstanding after sales support. Herbert offers a full range of innovative graders, cleaners, tippers, fillers, washers and conveyors, and sorting and packing systems.
Soilessentials Ltd. (Space 30)

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Rod Armour, Sales Manager
Soilessentials Ltd., Hilton of Fern Farm, Brechin, Angus DD9 6SB

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Mobile: +44(0) 7824 617 153

Soilessentials Ltd., precision farming suppliers, are proud to show at “Potatoes in Practice”. We are authorised Northern UK Resellers of Trimble Agricultural Equipment and supply a full product range. Our engineers are qualified to degree level and come from a farming background.

The company provides soil sampling, yield mapping, auto boom control, VRT, and implement steering among our portfolio of services.

Soilessentials has also developed its own RTK Correction Service, EssentialsNET. This is the largest private correction service in the UK.

We don’t sell tractors, sprayers or agrichemicals.

We are ‘The Specialists’ in precision agriculture agronomy, equipment and support.
Solufeed Ltd. (Space 31)

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Fax: +44(0) 1243 554 568

Speciality fertiliser supplier Solufeed will be featuring K-LEAF™, a new high performance foliar fertiliser with important applications in potato production. Manufactured by Tessenderlo, K-LEAF™ is a super soluble potassium sulphate formulation making foliar spraying a truly practical and easy proposition. This in turn enables precise potassium use management with optimisation of yields and crop quality. Solufeed is the exclusive distributor for K-LEAF™ in the British Isles and able to support the product with enviable commercial and technical services. Be sure to visit the Solufeed stand to learn more.
K-LEAF™

High performance foliar potassium for better potato yields, quality and profitability.

- Unique powder formulation for easy farm sprayer application
- Highly water soluble
- Full technical support
- Proven agronomic results

Available exclusively from:

Barnham, West Sussex PO22 0BT
01243 554090
solufeed.com

K-LEAF is a trade mark of Tessenderlo Group. Solufeed and the wavy parallelogram device are trademarks of Solufeed Ltd.
Strathmore Potatoes Ltd. (Space 32)

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Web: www.strathmorepotatoes.co.uk

Breeders, merchants, growers and exporters.

We are marketing agents for Harlequin and Claret, two superb seed varieties from the world renowned James Hutton Institute. We have our own mini-tuber operation on site producing up to 150,000 mini-tubers annually for both personal and customer use. Exporters of all conventional seed including our own Cara production. Professional dedicated supplier group with access to all major seed varieties. Joint venture with Produce World – Solanum Ltd. Suppliers of seed and ware to all sectors within the potato industry. Privately owned with a professional approach to both customer and supplier needs.
Passionate in the pursuit of Perfect Potatoes

- Breeders, Growers, Merchants and Exporters.
- Marketing agents for Claret and Harlequin, two superb varieties from the world renowned James Hutton Institute.
- On site mini tuber production.
- Professional dedicated supplier group with access to all major seed varieties.
- Joint venture with Produce World - Solanum Ltd.
- Privately owned with professional approach to both customer and supplier needs.

Exporters of quality seed & ware globally...

www.strathmorepotatoes.co.uk
Contact Details:
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Mobile: +44(0) 7841 783 869
Web: www.syngenta.co.uk

Syngenta is one of the world’s leading companies, with more than 25,000 employees in over 90 countries. Syngenta invests over £1.6m per day in research and development to increase crop productivity, protect the environment and improve health and quality of life.

As a major player in the potato crop protection market, Syngenta’s offers include MAXIM 100FS, AMISTAR, NEMATHORIN, DEFY, RETRO, FUBOL GOLD, REVUS, SHIRLAN, REGLONE, ACTARA, PLENUM, APHOX AND HALLMARK ZEON.

Please drop in to the Syngenta stand for a chat and to find out more about these offers for 2013 and beyond, including best use advice for spray applications using the Syngenta potato nozzle.
Contact Details:
Danny Hubbard, Managing Director
Team Sprayers, Unit 3 Lancaster Way Business Park, Witchford, Ely, Cambridgeshire CB6 3NW

Email: sales@team-sprayers.com
Tel: +44(0) 1353 661 211
Fax: +44(0) 1353 666 642
Mobile: +44(0) 7767 783 194

Team Sprayers was founded in 1981 by a team of ex-Dorman Sprayers employees bringing together a combination of skills, knowledge, and over twenty-one years of experience, creating an essential starting block for the newly founded Team Sprayers.

As a result, Team has become a respected market leader in their range of equipment. Operating as a family owned business offering a friendly quality service, Team has been successful in meeting the individual requirements of a broad and varied range of customers.

Working with such organisations as the MOD and USAF, Team has had to maintain an efficient and organised procedure for the production and completion of projects assigned to us.
Tong Peal Engineering (Space 35)

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Tong Peal is one of the UK’s leading designers and manufacturers of handling and sorting equipment for the vegetable industry, specialising in producing a wide range of custom built machinery for the grading, washing and handling of various crops, including potatoes.

The company’s technically advanced handling equipment is specifically designed to offer efficient and gentle handling. From concept design to manufacture and installation, Tong Peal is dedicated to working with customers to offer bespoke machinery that meets their exact needs, however big or small, offering the complete solution to your grading, washing and handling needs.
Providing a world-class service to the potato and vegetable industry.

Grading, box & bag handling, washing, weighing and more

For more information contact:
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WWW.TONGPEAL.COM
TRP Scotland Ltd. (Space 36)

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Many years of experience enables TRP (Scotland) Ltd. to provide high quality professional sales, service and parts support for STANDEN-PEARSON potato systems products in Scotland.

TRP has the expertise to specify the right machines, and the resources to provide dedicated, experienced engineers and parts specialists to support them.

STANDEN-PEARSON potato systems products include:

- BEDFORMER BX bed formers
- POWAVATOR rotary tillers and bed formers
- SP mounted and trailed planters
- MEGASTAR GEN-2 compact soil separator
- UNISTAR, high-output soil separator; large stars over UNDERweb
- UNIWEB, high-performance 4-web separator
- T2, 2-row harvester, OMEGA fluted roller separation
- T2 Starflow, purpose built vegetable harvester
- T3, 3-row potato harvester with OMEGA separation
- BASELIER potato toppers; 2-row, 3-row, 4-row and 6-row models
United Phosphorus Ltd. (Space 37)

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United Phosphorus Ltd. (UPL) is a leading global producer of crop protection products ranking amongst the top 12 largest producers worldwide.

UPL market a wide range of products in the UK, the majority of which are produced at their own formulation plant in Cheshire.

They are developing a range of potato blight fungicides and are global leader in the supply of Mancozeb.

UPL also market chlorpropham (CIPC) including the brands Pro-long and MSS Sprout Nip, which makes them the country’s leading supplier of potato sprout suppressants.

UPL are constantly developing and acquiring new products for the potato grower.

United Phosphorus Ltd. supports the Be CIPC Compliant campaign
www.beCIPCCompliant.com
Verbruggen Palletizing Equipment (Space 38)

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Verbruggen Emmeloord BV is a leading manufacturer of palletising and conveyor systems for agricultural and manufactured products in bags, crates or cartons. Verbruggen owes its worldwide acceptance of their equipment to their research and development, to the client oriented approach, the high-quality equipment and a reliable organisation. Verbruggen provides tailor-made solutions based on a modular design, supplying palletising equipment, including pallet transport systems, pallet wrapping machines, conveyors and vertical lift systems. Verbruggen Palletizers stand out thanks to their solid practical design and simple operating systems.

Wroot Water Ltd. (Space 39)

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Providing a unique irrigation service to farmers and growers with specialist advice on irrigation systems to suit the individual requirements of customers, particularly drip and sprinkler irrigation systems. Continuous soil and weather monitoring equipment, individual service and supply of patented equipment for the installation and retrieval of tape, Wroot Water Ltd. provides sales and hire service on products which enable growers to optimise efficient water use and the effective application of water and nutrients whilst managing resources efficiently and precisely. Supply of all types of irrigation equipment and fittings, design, fabrication and installation of pumping and underground systems.
The growing potato product family

Quality, tried and trusted products from Makhteshim Agan


All the above are registered trademarks of Makhteshim Agan UK Ltd, Unit 15 Cottingrip Way, Thatcham Business Village, Thatcham, Berkshire RG19 4LW.

Use plant protection products safely. Always read the label and product information before use, noting any warning symbols and phrases.

Technical Helpline: 01635 876622
www.mauk.co.uk
Agricar Forfar Ltd.

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Agricar have on demonstration their latest specification Grimme stone separator and front mounted Agrator bed tiller designed to bed till and separate potato beds in one pass.

Alan Mackay Machinery Ltd.

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The Tillerstar is manufactured in Norfolk. Unlike other soil tilling implements, the Tillerstar blade rotor turns the opposite way to the working direction so soil passes over the top of it and out the back of the housing. The soil lands on four flexible finger star rollers (the same as used on conventional stone and clod separators). Originally created by a Yorkshire farmer, George Moate, to work in heavy soils but suits most types. It is designed to reduce labour and running costs and helps soil structure.
RGS Forfar Ltd.

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RGS Forfar Ltd. manufacture the ScanStone range of bed formers, bed tillers, stone and clod separators and the potato and vegetable windrower. Bed formers are available in 2, 3 or 4 bed models. Tillers are available in single, double and triple bed models, stone and clod separators are available in all web or star and web combinations. We are also Scottish agents for the Dewulf range of self-propelled potato harvesting equipment and also for Skals grading equipment. Our Premium Part range includes wearing parts for Underhaug and Reekie Potato Equipment. We are also East of Scotland agents for Javelin Irrigation Equipment.
Outdoor Exhibits

Alan Mackay Machinery Ltd.

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A M Phillip Agritech Ltd.

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Suppliers for chemical application equipment for the grower from Bethould, Team and Micron. Simple field mapping and GPS guidance through to high level precision farming practices such as yield mapping, variable rate application and tractor auto steering from Patchwork, Ag-Leader, Trimble/Case IH and Raven.

Case IH tractors and combines and machinery from leading suppliers.
Chafer Machinery Ltd.

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Web: www.cropsprayers.com and www.horstine.com

Chafer and Horstine provide precision equipment for the application of chemicals and fertilisers during potato crop establishment. Chafer and Horstine are in the unique position of being able to apply both solid and liquid formulations of the required product, through our wide range of equipment. As well as our tractor and implement mounted equipment, Chafer also offer a range of high quality trailed and self-propelled sprayers, perfect for chemical and liquid fertiliser applications in vegetable and cereals crops.

United Box

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Disclaimer

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