



Western Branch

### **IAgrE Western Branch AGM 2020**

Notice is hereby given that the sixty fourth Annual General Meeting of the IAgrE Western Branch will be held at the Lackham College, Chippenham on Wednesday 11<sup>th</sup> March 2020 at 6.30pm.

#### **AGENDA**

- 1.0 Welcome**
- 2.0 Apologies**
- 3.0 Receive and approve 2019 AGM minutes**
- 4.0 Receive and adopt Branch accounts.**
- 5.0 Chairman's address – Rupert Caplat**
- 6.0 AOB**
- 7.0 Presidential Address- IAgrE President Elect Paul Hemingway**
- 8.0 Close**

If any member wishes to be nominated for any of the Officers positions please submit your name to the Chairman of the meeting either prior to or at the meeting. If more than one person is nominated for a position then a ballot will be held.

Following the AGM there will be a presentation by David Chell of AGCO on the development of the IDEAL combine harvester; Engineering an IDEAL harvest.

A handwritten signature in blue ink, appearing to read "M. Whiting", with a stylized flourish below it.

**Mike Whiting** MIAgrE BEng (Hons)

Honorary Secretary

IAgrE Western Branch

# **Unconfirmed minutes of the 63<sup>rd</sup> Annual General Meeting of the Royal Agricultural University, Cirencester, Wednesday 13<sup>th</sup> March 2019.**

**Present:** Rupert Caplat (Branch Chairman), Nigel Warner, Tom Overbury (Vice Chairman), Mike Whiting (Branch Secretary), Nick Handy, Richard Danby, Peter Nelson, Andy Newbold, Kieran Walsh, Adrian Snow

**Apologies:** Richard Robinson, Glen Craig, John Golden, Chris Brown

## **1. Welcome**

The Secretary, Rupert Caplat, opened the meeting by welcoming members, guests and Andy Newbold who was representing the IAgRE President and giving the President's address. Also Rupert thanked Tom and the team at the RAU for their kind offer of the lecture theatre and organising the excellent buffet.

## **2. Minutes of the 2018 AGM**

No issues were raised with regards to the 2018 minutes.

*Proposed: Richard Danby Seconded: Peter Nelson*

## **3. Consideration of the Branch Accounts**

The Western Branch doesn't operate its own Branch bank account and therefore finances are controlled by the team at the IAgRE HQ. As an update our only expenditure during 2018 was the buffet meal for the March 2018 AGM. The final accounts and statement are to be issued shortly after the annual auditors visit, although the balance will be similar to last year's figure of £490.79. There was a general discussion on the subject of using branch funds for activities, Andy Newbold encouraged the use of funding to ensure that visits which underpin the ethos of the IAgRE and contribute to member's professional development are undertaken. It's therefore appropriate to include budgetary support when planning the visit schedule for the 2019/20 programme.

*Proposed: Adrian Snow Seconded: Mike Whiting*

## **4. Chairman's Address**

Rupert Caplat reviewed the year starting with the following address which can be found at the end of these minutes.

## 5. Election of Officers for 2019/20

Rupert Caplat thanked the elected officers for their contribution to the Western branch and opened up to the members the invitation for anyone wishing to take on a role within the committee. In addition Rupert explained that both he and Mike Whiting have taken on the Chairman's and Secretariat role respectively for the past few years, and encouraged members to consider taking on role.

Andy Newbold explained that to follow the protocol of the IAgRE, committee members should resign and then be re-elected.

There were no responses and Tom Overbury strongly recommended that the committee were re-elected as per the current arrangements, which was fully supported.

Chairman:	Rupert Caplat
Vice Chairman:	Tom Overbury
Honorary Secretary:	Mike Whiting
Information Officer:	Nick Handy

Committee members:	Nigel Warner
	Richard Robinson
	Nigel Anstee

*Proposed: Tom Overbury Seconded: Nigel Warner*

## 6. AOB

The Chairman, Rupert Caplat, asked all members present to consider suitable visits or speakers for the coming year and to let him or any member of the committee know. The Branch has a sum of money to spend so this can be spent on visits, lectures and other events. In addition to make invitations available to colleagues / contacts that would be interested in the IAgRE activities.

With regards to returning to Lackham College for meetings, Richard Robinson has a contact there, and we await Richards return from holiday to hear further updates. The Greyhound Inn at Bromham provides an excellent venue for evening meetings such as the film evening with Jim Wilkie.

**Logging of CPD:** With regards to the logging of CPD, Mike Whiting explained that all members should have received their IAgRE CPD login details from Sarah Mcleod. Mike Whiting can provide summary details of the visits which are forwarded onto Sarah for uploading to the member's files who attended the event. Members are encouraged to logon to the system to familiarise themselves with the recording mechanism, and add their own comments with regards to the knowledge and skills developed from the visits. NOTE: The requirement is for members to undertake 30 hours per year of CPD. This can be easily achieved with IAgRE events, plus other industry trade events.

## AOB contd;

Mike Whiting explained that he has received an enquiry from an IAgRE member who is based in Southern Ireland and is very interested in attending European visits when they occur. Mike Whiting will respond and keep the member informed of visit details.

Proposals for future talks and visits were discussed with suggestions being:

- Potential visit to Wyke Farms; <https://wykefarms.com/green/> and Muller Wiseman at Bridgwater; <https://www.muller.co.uk/> , there were suggestions to visit the Muller facility at Stonehouse (Ex Dairy Crest site), as receiving a response from Bridgwater was somewhat “challenging”.
- George Sly of Sly Agri – A possible option as Sly Agri have just introducing a new drill to the market, with first seasons reports summarised; <https://www.fwi.co.uk/machinery/cultivation-drilling/cereal-drills/drivers-view-swihin-waterers-sly-boss-drill>
- Rexquote Ltd, near Taunton – possible visit suggested by Rupert Caplat to view Road/Rail conversions on excavators, cranes and tractors
- An open invitation is available from Teagle; <https://www.teagle.co.uk/en-gb/> ref: Richard Robinson contact.
- The South East Midlands Branch has received an informative talk by Robert Plant and his colleagues from PMC Pea Harvesters <http://pmcharvesters.com/> ; Mike has contact details for the relevant member in the South East branch.
- The team from Kubota UK referred to the possibility of a visit to their tractor manufacturing plant in Dunkirk; <https://kes.kubota-eu.com/en/blog/news/inauguration-de-lusine-kubota-farm-machinery-en-france/#agriculture> <https://kes.kubota-eu.com/en/blog/news/inauguration-de-lusine-kubota-farm-machinery-en-france/#agriculture>
- Potential visit to CNH at Basildon in Essex. Ref: Richard Robinson contacts.
- Option of a visit to ADM Milling at Avonmouth; <https://www.4flour.co.uk/>
- Potential visit to a quarry; ref Richard Robisnson.
- Potential visit to large glasshouse operation in Hereford; Ref John Golden.
- Visit to Marchwood power station, ref James O’Sullivan.
- Mike Whiting has an extract taken from a leading UK trade machinery magazine which includes details and locations of Agricultural Machinery manufacturers who are based in the UK.

## **7. Presidential Address**

Andy Newbold kindly gave a review of IAgrE's activities on behalf of President. Any Member who would a copy of the address please contact the Secretary. Andy explained he successes celebrated with the IAgrE celebrating its 80<sup>th</sup> anniversary in 2018. The current IAgrE membership is approximately 3,500. In addition there was also an insight into how the monthly publication of the BioSystems Engineering research journal contributes to the finances of the IAgrE, ref; <http://iagre.org/biosystemsinformation>

## **8. Close**

The chairman closed the AGM by thanking all who had attended. He then welcomed Kieran Walsh from Velcourt Agronomy Services to present the progress of the Hands Free Hectare project undertaken with Harper Adams University; Autonomous farming, Successes and Challenges

## **2019 AGM Chairman's address – 13<sup>th</sup> March 2019 RAU Cirencester**

Here follows the 63rd Annual Western Branch AGM Chairmans address. I want to summarise the branch activities in the past year since the 2018 AGM also here at Cirencester. We've had a relatively busy year since then with some excellent and varied talks and visits arranged to satisfy a range of member interests. As something new for this year we've added a small slide show with photos from the events.

I say this every year, and this year's no different, but we are one of the more active Branches in the Institution which is due to the support of the Committee, Branch Members, our industry connections and our academic institutions who we rely on to host our meetings. I know we haven't met at Lackham for a considerable while now but moves are afoot to rebuild a relationship with them. Suggestions for visits and talks are always welcome from all members and not just the decisions of the committee. Please feel free always to call or email myself or the Secretary to let us know what you would like to see.

For the well attended 2018 AGM here we had the pleasure of the company of past President Mark Kibblewhite who gave the Presidential Address. This covered the efforts that the Institution are making to increase membership, continue to be relevant to the modern Agricultural Engineering, keep people informed through Landwards, journals and the website and provide training and accreditation to people in all walks of the Industry.

Afterwards we were honoured to invite Andrew Woolton and Rob Edwards of Kubota UK to give a presentation on their company's visions for Stage/Tier V engine emissions regulations and beyond.

It was interesting to see the huge advancements made in reducing particulates and NOx which is particularly at odds with the recent fall in popularity of diesel engines in the passenger car industry. It was interesting to see them offering gasoline/LPG engines into off-highway applications which had previously been 100% diesel. A long Q&A discussion followed late into the evening showing the interest this subject has for Branch members and guests.

In late May myself and Richard Robinson attended the 80<sup>th</sup> year AGM at Wrest Park, Silsoe. Awards were presented to many worthy recipients including Mzuri who were awarded the IVEL award for their Pro-Til Xzact drill – a company we would later go on to visit. Also a special 80<sup>th</sup> Anniversary award went to the Harper Adams Hand Free Hectare team - about which Kieran Walsh is kindly giving a presentation this evening. Another, less important, reason was for myself to receive a Branch Meritorious award but I won't go on about that. Each attendee was given a book detailing the work of the NIAE at Wrest Park over the years until its closure so if anyone would like to borrow my copy please let me know.

In June the committee held a meeting to discuss the 2018/19 season of events. I would iterate again please give us ideas for talks and visits to discuss at these meetings.

The first meeting of this new season was to Ramsbury Brewery and Distillery in Wiltshire which was well attended for obvious reasons. We were shown both the beer brewing and vodka/gin distilling operations by Head Brewer Viraj with opportunities to sample the produce at the end of each section. What was impressive is the self-reliance on the Ramsbury Estate for not only sourcing the barley and water but the processing of waste hot water and mash on site. I think with previous visits to both the Wadworth Brewery in Devizes and Thatchers in Somerset we have covered the processing of certain agricultural produce fairly comprehensively.

In late November, as mentioned earlier, we held a joint visit to Mzuri with West Midland branch. It seemed the polite thing to do as Mzuri are located in the Vale of Evesham so it was on their "patch". Also we had a good turn out of Harper Adams Engineering students who had travelled down from Newport for the afternoon. We were treated to a buffet and a very informative presentation by Ben Knight who is both the farm manager and a customer service manager for the products. This was followed by a farm tour with Ben explaining how the farm is used to evaluate various Min-Til drilling techniques and product development with the results right there on their doorstep. It was finished off with a tour of the assembly facilities.

Just recently we had the second visit of the Jim Wilkie travelling cinema at the Greyhound pub in Bromham. The first event two years ago was a great success so considering the wealth of old cine films Jim has we had to have him back again. Unfortunately I missed it due to being in Ireland with work but by all reports it was an enjoyable night. Jim showed films from Fiat – not only their tractors but Laverda combines and Braud grape harvesters.

A tractor demonstration film from the era when Ferguson and Massey Harris merged was shown along with a John Deere film from the 1930's. I must make a point of attending the inevitable third instalment, especially as Jim has around 2000 films in his possession (500 as far as his wife is concerned). I believe the above summarises an extensive and varied programme of events. If any member wishes to get further copies of the reports or photographs please let Branch secretary Mike Whiting know. Shortly I will hand over to Andy Newbold, past IAgRE President, who has very kindly come this evening to present the 2019 Presidential Address with all the latest news of the Institution and the good work it is doing. After that and a short break we will hand over to Kieran Walsh who has kindly offered to give a talk on the subject of the famous Hands Free Hectare at Harper Adams. Lastly I'd like to thank you all, committee, RAU staff, representatives of Institute HQ and other gathered members and guests for your support in the last year and for attending this AGM. In particular the support of Mike, Nick, Nigel, Tom and Richard in organising these visits without whom the branch would not be what it is.

Thankyou

**R. Caplat**

UK Agricultural machinery manufacturers: 2019.

<b>Manufacturer</b>	<b>Location</b>	<b>Core Product</b>
<b>1. AW Engineering</b>	Hereford, Herefordshire	Trailers
<b>2. Ag Products</b>	Knutsford, Cheshire	Feeders/hedders
<b>3. Agricision</b>	Maidenhead, Berkshire	Electronics
<b>4. Agridata</b>	Tiverton, Devon	Software
<b>5. Agrihire</b>	Ipswich, Suffolk	Muck spreaders
<b>6. Albutt</b>	Tewkesbury, Gloucestershire	Attachments
<b>7. Allmet Grain Driers</b>	Northallerton, Yorkshire	Grain driers
<b>8. Alvan Blanch</b>	Malmesbury, Wiltshire	Grain driers
<b>9. Astwell Augers</b>	Kettering, Northamptonshire	Grain augers
<b>10. B.H. Leake</b>	Birmingham, West Midlands	Rubber belts
<b>11. Bailey Trailers</b>	Steafor, Lincolnshire	Trailers
<b>12. Bateman Sprayers</b>	Chalmleigh, Devon	Sprayers
<b>13. Biddy Attachments</b>	Castledawson, Londonderry	Attachments
<b>14. Billericay Farm Services</b>	Billericay, Essex	Sprayer nozzles
<b>15. Blaney</b>	Ballymena, Co. Antrim	Quad attachments
<b>16. Bomford Turner</b>	Evesham, Worcestershire	Hedge-cutters
<b>17. Browns Agricultural Machinery</b>	Leighton Buzzard, Bedfordshire	Farm implements & machinery
<b>18. Bunning Agricultural Engineers</b>	Dereham, Norfolk	Muck spreaders
<b>19. Case IH</b>	Basildon, Essex	Tractors
<b>20. Chafer Machinery</b>	Gainsborough, Lincolnshire	Sprayers
<b>21. Charles J Marshall</b>	Bucksburn, Aberdeen	Trailers
<b>22. Cherry Products</b>	Chipping Norton, Oxfordshire	Attachments
<b>23. Chief Industries</b>	Maldon, Essex	Grain handling
<b>24. Claydon Drills</b>	Newmarket, Suffolk	Drills
<b>25. Cousins of Emneth</b>	Wisbech, Cambridgeshire	Cultivators
<b>26. D.C. Engineering</b>	Swaffham, Norfolk	Root crop equipment
<b>27. Dale Drills</b>	Market Rasen, Lincolnshire	Drills
<b>28. Farndata</b>	Rothienorman, Aberdeenshire	Software
<b>29. Farmplan</b>	Ross on Wye, Herefordshire	Software
<b>30. Fleming Agri Products</b>	Londonderry, N. Ireland	Trailers, grassland kit
<b>31. GM-R Sprayers</b>	Stowmarket, Suffolk	Sprayers
<b>32. Garford Farm Machinery</b>	Peterborough, Cambridgeshire	Robotic weeders



<b>33. George Moate</b>	North Walsham, Norfolk	Cultivators
<b>34. Graham Edwards Trailers</b>	Full Sutton, Yorkshire	Trailers
<b>35. Griff Elder</b>	Bury St Edmunds, Suffolk	Weighing equipment
<b>36. Gurney Reeve &amp; Co</b>	Wymondham, Norfolk	Attachments
<b>37. H M Trailers</b>	Fyfield, Essex	Trailers
<b>38. HME</b>	Papplewick, Northamptonshire	Attachments
<b>39. Haith Group</b>	Doncaster, Yorkshire	Root crop equipment
<b>40. Hardcaster Ventacrop</b>	Driffield, Yorkshire	Grain Driers
<b>41. Harry West</b>	Whitchurch, Shropshire	Mucks spreaders
<b>42. Harvest Installations</b>	Bury St Edmunds, Suffolk	Grain driers
<b>43. Heath Engineering</b>	Shipston On Stour, Warwickshire	Attachments
<b>44. Herbst Machinery</b>	Omagh, Co. Tyrone	Trailers
<b>45. Househam Sprayers</b>	Woodhall Spa, Lincolnshire	Sprayers
<b>46. Ifor Williams Trailers</b>	Corwen, Denbighshire	Trailers
<b>47. JCB</b>	Roccester, Staffordshire	Tractors/loaders
<b>48. JF Hudson</b>	Garstang, Lancashire	Attachments
<b>49. JPM Trailers</b>	Donaghmore, Co. Tyrone	Trailers
<b>50. Jones Engineering</b>	Doncaster, Yorkshire	Vegetable equipment
<b>51. K-Two Sales</b>	Aylesbury, Buckinghamshire	Trailers/muck spreaders
<b>52. Keenan</b>	Coventry, West Midlands	Diet feeders
<b>53. Ken Mills Engineering</b>	Littleborough, Lancashire	Feed packaging equipment
<b>54. Knight Farm Machinery</b>	Oakham, Rutland	Sprayers
<b>55. Landmark Systems</b>	Pulborough, West Sussex	Software
<b>56. Landquip Crop Sprayers</b>	Fressingfield, Suffolk	Sprayers
<b>57. Larrington Trailers</b>	Boston, Lincolnshire	Trailers
<b>58. Lite-Trac</b>	Peterborough, Cambridgeshire	Sprayers
<b>59. Maidwell Moles</b>	Kelmarsh, Northamptonshire	Mole drainers
<b>60. Major Equipment</b>	Heysham, Lancashire	Tankers/grassland kit
<b>61. Martin Lishman</b>	Bourne, Lincolnshire	Crop monitoring
<b>62. McConnel</b>	Ludlow, Shropshire	Hedge-cutters
<b>63. Michael Williams Engineering</b>	Fulbourn, Cambridgeshire	Industrial vacuum
<b>64. Micron</b>	Bromyard, Herefordshire	Sprayers
<b>65. Murray Machinery</b>	Ellon, Aberdeenshire	Attachments
<b>66. Muddy Boots</b>	<i>Ries Di Nys, Herefordshire</i>	<i>Software</i>
<b>67. Mzuri</b>	Pershore, Worcestershire	Drills, cultivators
<b>68. NC Engineering</b>	Hamiltonsbawn, Co. Antrim	Slurry tankers

<b>Manufacturer</b>	<b>Location</b>	<b>Core Product</b>
<b>69. New Holland</b>	Basildon, Essex	Tractors
<b>70. PMC Harvesters</b>	Fakenham, Norfolk	Vegetable harvesters
<b>71. Patchwork Technology</b>	Usk, Monmouthshire	Electronics
<b>72. Pear Agri</b>	Goleshill, Warwickshire	Software
<b>73. Pentair (Hypro EU)</b>	Longstanton, Cambridgeshire	Sprayer nozzles
<b>74. Perry of Oakley</b>	Dunkerswell, Devon	Grain driers
<b>75. Philip Watkins</b>	Rotherham, Yorkshire	Trailers
<b>76. RDS Technology</b>	Stroud, Gloucestershire	Electronics
<b>77. Reekie Potato Equipment</b>	Boston, Lincolnshire	Potato equipment
<b>78. Richard Western</b>	Framlingham, Suffolk	Trailers
<b>79. Richie Implements</b>	Forfar, Angus	Grassland
<b>80. Robydrome Electronics</b>	Sudbury, Suffolk	Grain driers
<b>81. Sands Agricultural Machinery</b>	Stalham, Norfolk	Sprayers
<b>82. ScanStone</b>	Forfar, Angus	Potato equipment
<b>83. Shelbourne Reynolds</b>	Bury St Edmunds, Suffolk	Hedge-cutters, feeders, headers
<b>84. Sinar Technology</b>	Bracebridge, Surrey	Moisture meters
<b>85. Sparex</b>	Exeter, Devon	Spare parts
<b>86. Spearhead Machinery</b>	Evesham, Worcestershire	Hedge-cutters, mowers
<b>87. Spread-A-Bale</b>	Chester, Cheshire	Straw bedders
<b>88. Spreadwise</b>	Nantwich, Cheshire	Slurry spreaders
<b>89. Standen Engineering</b>	Ely, Cambridgeshire	Potato equipment
<b>90. Stanhay</b>	Bourne, Lincolnshire	Precision drills
<b>91. Stewart Trailers</b>	Daviot, Inverurie	Trailers
<b>92. Strimech Engineering</b>	Walsall, West Midlands	Attachments
<b>93. Sumo UK</b>	Melbourne, York	Cultivators
<b>94. Superior Machines</b>	Driffield, Yorkshire	Grain mills

<b>Manufacturer</b>	<b>Location</b>	<b>Core Product</b>
<b>96. TWB Engineering</b>	Sleaford, Lincolnshire	Cultivators
<b>97. Taylor Attachments</b>	Iron Acton, Bristol	Attachments
<b>98. Teagle Machinery</b>	Blackwater, Cornwall	Mowers/muck spreaders
<b>99. Team Sprayers</b>	Ely, Cambridgeshire	Sprayers
<b>100. Techneat Engineering</b>	Ely, Cambridgeshire	Application equipment
<b>101. Terry Johnson</b>	Holbeach, Lincolnshire	Root handling
<b>102. Tey Farm Systems</b>	Norwich, Norfolk	Grain driers
<b>103. Tillso</b>	Peterborough, Cambridgeshire	Cultivators
<b>104. Tong Engineering</b>	Spilsby, Lincolnshire	Vegetable handling
<b>105. Tractair</b>	Brough, Yorkshire	Tyre inflation systems
<b>106. Transpread</b>	Kings Lynn, Norfolk	Slurry spreading
<b>107. Tryac</b>	Grantham, Lincolnshire	Grain driers
<b>108. Vegcraft</b>	Arbroath, Angus	Sprayer bowsers
<b>109. Votex</b>	Hereford, Herefordshire	Vegetation maintenance
<b>110. Walter Watson</b>	Castlewellan, Co. Down	Rollers
<b>111. Walthambury</b>	Braintree, Essex	Potato weighers/baggers
<b>112. Warwick Trailers</b>	Southampton, Hampshire	Trailers
<b>113. Weaving Machinery</b>	Evesham, Worcestershire	Drills