



final report

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Audit of the Pasture Variety Trial Network 2013 - 2015

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Executive Summary

The PVTN program is based on the collection and collation of data over a three year period (2013-2015) from a series of independent trials established and managed by MLA and data generated from various seed company trials which are registered with the PVTN program.

Underpinning the quality and continuity of the data collected from the respective trials sites is the use of a standard PVTN trial protocol. To ensure that there is compliance to the use of the standard PVTN trial protocol an independent audit program was undertaken by an independent auditor (Pasture First Ltd) using audit criteria developed for the PVTN trials.

From 2013 - 2015, over two hundred individual trial audits were conducted on various trials covering thirty seven individual locations. Trials were located in the majority of the key temperate pasture growing regions of Australia. Audits were conducted on trials containing the following pasture species: Perennial Ryegrass, Italian Ryegrass, Annual Ryegrass, Cocksfoot, Tall Fescue, Phalaris, Oats, Subterranean clover, and Lucerne.

Each trial site was audited by following the MLA PVTN Trial Compliance Audit Report form. Where a trial did not acceptably comply with the audit criteria a Trial Non Compliance Audit Report was filled out detailing the non-compliance problem and the corrective actions required to bring the trial back into line.

Only a small number of trials failed the audit standards and were deemed unacceptable to continue. These included two in 2013, one in 2014 and one in 2015. In all but one case, the reasons for the trials failing the audit were because of unforeseen circumstances, rather than poor trial management.

The Pasture Variety Trial Network has proven a valuable part of MLA's Plant Breeding and Evaluation pillar of the Feedbase Investment Plan. The independent assessment on the performance of a range of pasture varieties across a varying range of environments will now assist farmers to make informed decisions on which species and pasture variety (or varieties) they should be sowing on their farms. Farmers and the industry alike should have confidence in the results coming from the 2013-2015 PVTN program as the trials have been run to a high standard and the results coming out of the trials a reflection of cultivar performance.

By being able to independently assess and audit the performance of pasture varieties through the PVTN program, farmers have available to them information that gives a true indication on how a variety performs in their area.

The red meat industry as a whole should benefit from the PVTN program as it highlights the highest performing varieties available to farmers. If farmers do adopt the use of these varieties and species it will have an economic benefit to their farms by enabling them to grow higher amounts of feed, potentially boosting animal production and returns.

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1 Background

MLA established the Pasture Variety Trial Network (PVTN) program with the objective of increasing the supply of high quality trial information to livestock producers to give them confidence in using that data when selecting species and cultivars for their farms and production systems.

The PVTN program is based on the collection and collation of data over a three year period (2013-2015) from a series of independent trials established and managed by MLA and data generated from various seed company trials which are registered with the PVTN program.

Currently there are a very large number of pasture seed cultivars on the market (for example, 65 Perennial Ryegrass varieties and 85 Annual/Italian Ryegrass varieties listed on the ASF Seed Database). The PVTN will help to put some clarity around the performance of these species and varieties by generating performance data from both the Registered and MLA Independent trials demonstrating the performance of these species and varieties.

Underpinning the quality and continuity of the data collected from the respective trials sites is the use of a standard PVTN trial protocol. To ensure that there is compliance to the use of the standard PVTN trial protocol an independent audit program was undertaken by an independent auditor (Pasture First Ltd) using audit criteria developed for the PVTN trials.

The data generated from the PVTN program will be used to provide the following benefits to the red meat industry:

- Increasing producer and advisor confidence in the performance of pasture varieties through an independent endorsement of data quality
- Demonstration of the value of high performance plant genetics to assist producers to meet their goals
- Enabling accelerated adoption and use of high performance pasture varieties as a result of independent information to support economic decisions to renew existing pastures

2 Projective objectives and success in achieving objectives

2.1 Objectives

1. Audit all PVTN trials in each of 2013, 2014 and 2015 as per the processes and standards outlined in the Auditing and Accreditation Manual and the Trial Protocols Manual.
2. Provide recommendations about the PVTN auditing procedure for future MLA use.

2.1.1 Success in achieving objectives

All objectives were successfully achieved. All trials entered in the PVTN program from 2013-2015 were successfully audited and milestone reports submitted, including recommendations to the auditing procedure.

3 Methodology

From 2013 - 2015, two hundred and five individual trial audits were conducted on various trials covering thirty seven locations.

Trials were located in Western Australia, Queensland, NSW, Victoria and Tasmania and covered the majority of the key temperate pasture growing regions of Australia.

Audits were conducted on trials containing the following pasture species: Perennial Ryegrass, Italian Ryegrass, Annual Ryegrass, Cocksfoot, Tall Fescue, Phalaris, Oats, Subterranean clover, and Lucerne.

Each trial site was audited by following the MLA PVTN Trial Compliance Audit Report form. This form covered 21 key questions about each trials establishment and post establishment management and followed the standards outlined in the PVTN trial protocol. Where a trial did not acceptably comply with the audit criteria a Trial Non Compliance Audit Report was filled out detailing the non-compliance problem and the corrective actions required to bring the trial back into line.

Where possible, the trial co-operator who managed each trial visited the trial sites with the auditor to show the auditor across the trials and explain any issues that may have existed.

At the end of each audit period, an annual report was prepared which included a summary of audit visits, audit reports and issues encountered. This report included recommendations for changes to the audit protocol.

4 Results

The results of the 2013 – 2015 audits showed that the majority of the trials were run to high standards, and within the standards set out in the PVTN trial protocol. Trials which had non-compliance problems were passed to continue as long as the corrective actions outlined in the Non Compliance Audit Report were undertaken to bring the trials back into line.

Only a small number of trials failed the audit standards and were deemed unacceptable to continue. These included two in 2013, one in 2014 and one in 2015. In all but one case, the reasons for the trials failing the audit were because of unforeseen circumstances, rather than poor trial management.

5 Discussion

The Pasture Variety Trial Network has proven a valuable part of MLA's Plant Breeding and Evaluation pillar of the Feedbase Investment Plan. The independent assessment on the performance of a range of pasture varieties across a varying range of environments will now assist farmers to make informed decisions on which species and pasture variety (or varieties) they should be sowing on their farms. Farmers and the industry alike should have confidence in the results coming from the 2013-2015 PFVT program as the trials have been run to a high standard and the results coming out of the trials a reflection of cultivar performance.

The focus of improvement should be around ensuring trials are managed correctly at all times by following the protocols established, and reducing the need for 'corrective actions' to be undertaken. This can be achieved by ensuring that future trials are conducted by dedicated research operators whose sole focus is on running high performing trials. This will lead to even more reliable data and a better reflection on how a variety performs.

The project objectives were as follows:

1. Audit all PVTN trials in each of 2013, 2014 and 2015 as per the processes and standards outlined in the Auditing and Accreditation Manual and the Trial Protocols Manual.
2. Provide recommendations about the PVTN auditing procedure for future MLA use.

All objectives were successfully achieved. All trials entered in the PVTN program from 2013-2015 were successfully audited and milestone reports submitted, including recommendations to the auditing procedure.

6 Conclusions/Recommendations

6.1 Conclusions

The 2013 -2015 PVTNT trial program has provided a large amount of data and information on pasture varietal performance to be independently assessed and verified to enable

farmers to make better informed decisions on the pasture species and varieties they should be growing on their farms.

With a large number of pasture varieties on the market, there is much confusion within the sector on which variety should be used in which areas and which varieties will suit a farm's particular need i.e. climate, feed demands, growth limitations. The large number of pasture varieties means that there are 'mixed messages' from competing seed companies, marketers and seed retailers each promoting the virtues of one variety over another.

By being able to assess and audit the performance of pasture varieties through the PVTN program, farmers have available to them information that gives an independent assessment on how a variety performs in their area.

The red meat industry as a whole should benefit from the PVTN program as it highlights the highest performing varieties available to farmers, potentially increasing the amount of pasture grown on farms and converting this high value pasture into meat.

As there has been a large amount of varietal data generated through the 2013 – 2015 trials, it is important that this information is made available to farmers and other decision makers in a clear and concise fashion so that informed decisions can be made on which varieties to sow on their farms. It is also important that the program as a whole be highlighted and promoted to farmers as being a critical tool for deciding on what varieties they should be sowing and the information that has come out of it be adopted on farm. If farmers are unaware of the program and its advantages, and continue to rely on unsubstantiated information to make their pasture renewal decisions, then they may not be using the best variety/species available to them and any potential production benefits will be lost.

6.2 Recommendations

6.2.1 Recommendation 1.

Due to the audits being conducted only once per year, consideration should be given to increasing the number of audits per year, or if this is not an option, developing a system where trial operators can send in monthly updates (photos, trial diary etc.) to update the auditor or technical committee on how the trial is performing on a more regular basis. This will enable greater scrutiny of the trial performance to be undertaken to ensure the trials are being managed in accordance to the protocols. In particular photos could show the amount of broadleaf weed in a trial, or if taken just prior to measurement, could show the level of biomass on the trial. The trial diary (document outlining when different tasks relating to the trial have been undertaken e.g. weed spraying, fertiliser application, measurement dates etc.) will enable the auditor or technical committee to assess how often these tasks are being performed, and if a particular action is needed to be performed immediately.

6.2.2 Recommendation 2.

A very successful initiative to the PVTN trial system was the introduction of 'blind trials' in 2014. It is highly recommended that any future trials established for the PVTN/PTN system be conducted this way. The 'Blind Trials' strengthen even more the robustness and fairness

of the trials and will give farmers and industry participants even more confidence in the results coming out of the trials. As there is a level of scepticism from farmers on the results of in-house seed company trials, the more 'blind trials' that can be conducted the more confidence farmers will have in the results and trial program.

6.2.3 Recommendation 3.

To ensure that all trial operators understand the trial protocols and to ensure trials are run in a more uniform standard across all operators, it would be recommended that trial operators (or suitable representatives of these companies) come together once per year as a group to go over the trial protocols. Despite having good experience in running field trials, each operator manages their trials slightly differently, and at times this falls outside the criteria outline on the PVTN trials protocol. To give the program more robustness and farmers more confidence in its outcomes, a training session with all trial operators would potentially see the trials being run more uniformly and reduce the chance of trials not following the protocols.

6.2.4 Recommendation 4

To ensure trials establish quicker and are not subject to infestation of grass and broadleaf weeds it is crucial that the trial seed is delivered to the trial operators by February/March to ensure the trials can be sown at correct times (March – early April). A number of 2015 PTN trials were not sown until May or June as a result of the trial seed getting to the operators late. Late sown trials are subject to failure if weeds establish before the sown species gets a chance to establish and grow. Sowing in May or June is also outside the normal on-farm practice for timing of sowing and is therefore not a reflection of a true farming scenario. To give the program more robustness, trials should be established as close to a true farming situation as possible.

6.2.5 Recommendation 5.

Care needs to be taken to ensure that varieties are trialled in their correct species group. This is of particular importance for ryegrass hybrids (Perennial Ryegrass x Italian Ryegrass) which can either be more 'perennial' in their growth habit (slower to establish, more persistent) or more 'Italian' in its growth habit (faster to establish, less persistent). If varieties are placed in the wrong species group it can have a detrimental effect on their performance as they are managed differently to their potential (i.e. grazed too early or too late). This issue occurred in the 2015 sown Lp PTN trials, where a faster establishing, higher short term yielding variety (hybrid) was included. This variety was well ahead of the others at the time of audit, and should have been measured/cut earlier as per its growth habit. This faster growth habit meant it was outside the cutting yield range as per the PVTN protocol when it was eventually measured, but had to be left until the other varieties caught up. This would not have occurred if it was included in its correct species group.

6.2.6 Recommendation 6.

The trial plans (plot layout) and trial locations (physical address) should be sent to the auditor prior to the commencement of the audits. This will ensure that if the trial operator is not available to be at the trial at the time of audit, the audit can still be undertaken with the auditor having an outline of the trial and its location.

7 Key Messages

The key message that farmers and other on-farm decision makers should be adopting out of this project is the utilisation of the data (performance of varieties and species) that has come out of the trial network so that they can make an informed decision on what variety /species they should be sowing on their farms. With the high number of seed varieties available on the market, each with mixed messages about their performance, the PVTN trial system and audit program has ensured that farmers can make an informed decision on what to use on their farms, knowing the data has come from an independent source. The results out of the PVTN system should be the first place farmers go for making decisions on what seed to purchase for their farms, and use this information alongside other informed decisions making tools. While there are a number of high performing varieties on the market, each with their own benefits and ability to boost production, it is the poor performing varieties that farmers should be avoiding, as well as the species which may not be suitable for their farms.

If farmers do adopt the use of the high performing varieties, and the right species, it will have an economic benefit to their farms by enabling them to grow higher amounts of feed, potentially boosting animal production and returns.

However, it is also very important that farmers put in place correct management practices to get the full genetic potential benefits out of the high performing pasture varieties they use. No gains will be made if poor management is applied and the varieties or species should not be seen as 'silver bullets'. Farmers should make use of the seed company technical experts or local agronomists to understand the best way to manage the new varieties they sow, both short term and long term.

8 Appendix

8.1 2015 Audit Report

8.1.1 Audit overview

Only one trial was deemed unacceptable to continue at the time of audit, while eight trials had issues that needed to be corrected as per the non-compliance report.

The one trial deemed unacceptable to continue was LP1583242. This trial had suffered a high degree of pasture damage from a broadleaf herbicide, with the damage causing some plots to have only 10% plant survival. Of the 23 entries in the trial only 11 entries had no damage and were deemed at an acceptable level where reliable data could still be taken. Full details can be found in the LP1583242 Trial Compliance Audit Report.

Fig. 1



Lp1583242 at Birregurra showing the high level of pasture damage in some plots.

There were eight trials that had issues that needed to be corrected as per the non-compliance report.

The first three of these were at Terang (Lma1563264, Lm1563264, Lp1463264) where each trial had excessive growth on them, well in excess of the 2,000 – 3,500 kgDM/ha range outlined in the PVTN pasture trials protocol manual. It was recommended that these trials were measured immediately and that future measurements be taken within the yield parameters outlined in the protocol manual.

Fig. 2



Lp1463264 at Terang showing excessive growth – well past the recommended cutting yield.

Two trials (Lp15163821 Ellinbank & Lp15163564 Tongala) had moderate amounts of winter grass (*Poa Annua*) established in the plots which can contribute to yields. Being an annual grass weed these weeds will disappear from the plots through summer, but can re-appear to cause issues in the autumn. It was advised that these trials are sprayed with an appropriate herbicide next autumn to eliminate any problems from the grass weed re-establishing. In both cases, these trials were sown late (May) and meant that the winter grass had a much better chance to establish. Both trial operators mentioned that the delay in sowing was due to the trial seed not being available at a suitable sowing time (March – early April). To ensure that the trials are sown at an appropriate time (best practice) it is important that the trial seed is available earlier to avoid these issues occurring.

Trial Lp15163564 at Tongala also had an excessive moisture issue which lead to one plot being significantly damaged. This plot has now been removed from the trial and will be entered as a 'missing plot'.

Two other trials had weed issues, Lp1527325 at Elliott and Dg1312725 at Stockinbingal. Lp1527325 had a high proportion of broadleaf weeds still in the trial, despite having been sprayed within the last month. It also had a moderate level of winter grass (*Poa annua*) in the trial. The operator was instructed to spray again with a combination of broadleaf herbicides after the next measurement to control the broadleaf weeds and to spray the following autumn for winter grass. As per the two Lp15 trials mentioned above, the Elliott trial was sown very late (June) as a result of the trial seed being received late. The trial also had snow fall on it shortly after sowing which would have severely affected germination and establishment speed.

Dg1312725 at Stockinbingal had a high infestation of grass weed (barley grass and ryegrass) as a result of persistence issue in some plots. As this was deemed due to varietal

effect, the trial operator was instructed not to measure these plots again but for the yields to still be included in the analysis as a zero.

Fig. 3



Dg1312725 at Stockinbingal showing the level of grass weed infestation in some plots.

The final trial which featured in the non-compliance report was Ms1372336 at Aberdeen. This trial had recently been cut for hay, with the cut foliage still on the trial. This made it difficult to assess the trial and also ascertain the trial area. This was made even more difficult as the trial operator was not at the site at the time of audit and no trial plan was available.

8.1.2 2015 trial list

Table 1 2015 trial list and audit result

Location	Species	Trial registration code	Audit Result
Birregurra, Vic	Perennial Ryegrass	Lp1583242	Fail
Timboon, Vic	Perennial Ryegrass	Lp15163268	Pass
Terang, Vic	Perennial Ryegrass	Lp1463264	Pass*
Terang, Vic	Italian Ryegrass	Lm1563264	Pass*
Terang, Vic	Annual Ryegrass	Lma1563264	Pass*
Warrnambool, Vic	Lucerne	Ms1373280	Pass*
Leigh Creek, Vic	Italian Ryegrass	Lm1463352	Pass
Leigh Creek, Vic	Perennial Ryegrass	Lp1463352	Pass
Leigh Creek, Vic	Perennial Ryegrass	Lp1363352	Pass
Leigh Creek, Vic	Cocksfoot	Dg1363352	Pass
Leigh Creek, Vic	Tall Fescue	Fa1363352	Pass
Ellinbank, Vic	Perennial Ryegrass	Lp15163821	Pass*
Armidale, NSW	Tall Fescue	Fa1562350	Pass
Aberdeen, NSW	Lucerne	Ms1372336	Pass*
Stockinbingal, NSW	Perennial Ryegrass	Lp1312725	Pass
Stockinbingal, NSW	Cocksfoot	Dg1312725	Pass*
Stockinbingal, NSW	Tall Fescue	Fa1312725	Pass
Stockinbingal, NSW	Lucerne	Ms1312725	Pass
Stockinbingal, NSW	Phalaris	Pa1312725	Pass
Stockinbingal, NSW	Sub Clover	Ts1312725	Pass
Howlong, NSW	Perennial Ryegrass	Lp1352643	Pass
Howlong, NSW	Perennial Ryegrass	Lp1452643	Pass
Howlong, NSW	Italian Ryegrass	Lm1552643	Pass
Howlong, NSW	Tall Fescue	Fa1552643	Pass

Howlong, NSW	Tall Fescue (med)	Fa1552643	Pass
Tongala, Vic	Perennial Ryegrass	Lp15163564	Pass*
Cressy, Tas	Perennial Ryegrass	Lp1427302	Pass
Elliott, Tas	Perennial Ryegrass	Lp1527325	Pass*

Pass = trial has passed audit with no issues or corrective actions needed.

Pass* = trial acceptable to continue but corrective action required or notable comments made in individual trial audit report.

Fail = trial has significant issues that cannot be corrected and therefore trial should be discontinued

8.1.3 2015 Individual trial site reports

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Birregurra

Post Code: 3242

Field Trial Operator: Vic Seeds

Auditor: Nigel Johnston

Date of Audit: 22/09/15

PVTN Trial Registration Code: Lp1583242

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Is weed control adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A1 A7 B14	<p>Significant damage has occurred throughout the trial from a broadleaf chemical application of Atrazine/Dicamba/MCPA applied in August. The chemical application has meant that significant plant loss has occurred and in some cases, some plots only have about 10% plant survival. Out of the 23 entries in the trial, only 11 entries have no damage in any of the plots, while another 5 entries have 1 plot with significant damage (too much to continue in the trial) but the other 3 remaining plots are fine to continue. The remaining 7 entries have damage in either all 4, 3 or 2 of their plots, meaning these entries will have to be removed from the trial altogether.</p>	<p>No corrective action can be implemented apart from re-sowing the entire trial.</p> <p>The 7 entries with 2, 3, or 4 plots should be removed from this trial and not be measured again.</p> <p>The 5 entries that only have 1 plot damaged could continue in the trial, but only the 3 non-damaged plots should be measured and data used.</p> <p>The details of which entries are damaged or good to continue are given on the next page.</p>
A2 B8	<p>A small amount of broadleaf weed is in the trial.</p> <p>There is some annual ryegrass scattered throughout the trial. However, in the South East corner of the trial (rep 4) there is a significant amount of annual ryegrass that will cause a contamination problem when are measurements are taken.</p>	<p>Spray after the next cut with a broadleaf herbicide.</p> <p>Hand rouging will have to be conducted to remove the scattered annual ryegrass.</p> <p>However as the amount of annual ryegrass is significant in rep 4, it will be difficult to remove by hand. If chemical application can be used to remove the annual ryegrass this should be applied after the next cut. If chemical cannot be used then these plots should not be measured.</p>

Entries with no damage

LPD158326
LPD159345
LPD156271
LPD152509
LPD158982
LPD154310
LPD155051
LPD152843
LPT153284
LPD154758
LPD158489

Entries with damage in only 1 plot (3 plots with no damage)

LPT157501
LPT156605
LPD157376
LPT155611
LPT159182

Entries with damage in 2 plots (2 plots with no damage) – these entries should be removed from trial

LPD154862
LPD152711
LPD158973
LPD152480
LPD157704

Entries with damage in 3 plots (1 plot with no damage) – these entries should be removed from trial

LPD156568

Entries with damage in all 4 plots – these entries should be removed from trial

LPT157875

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Timboon

Post Code: 3268

Field Trial Operator: D E D Vic

Auditor: Nigel Johnston

Date of Audit: 23/09/15

PVTN Trial Registration Code: Lp15163268

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Terang

Post Code: 3264

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 23/09/15

PVTN Trial Registration Code: Lp1463264

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7 B14	The biomass yield within the plots is extremely high (3,500-5,000kgDM/ha) which is past an acceptable level for taking measurements.	The trial should be harvested ASAP. Ensure that future measurements are taken within the 2,000-3,500kgDM/ha range as described in the MLA Pasture Trials Protocol Manual

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Terang

Post Code: 3264

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 23/09/15

PVTN Trial Registration Code: Lm1563264

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7 B14	The biomass yield within the plots is extremely high (3,500-5,000kgDM/ha) which is past an acceptable level for taking measurements.	The trial should be harvested ASAP. Ensure that future measurements are taken within the 2,000-3,500kgDM/ha range as described in the MLA Pasture Trials Protocol Manual

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Terang

Post Code: 3264

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 23/09/15

PVTN Trial Registration Code: Lma1563264

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7 B14	The biomass yield within the plots is extremely high (3,500-5,000kgDM/ha) which is past an acceptable level for taking measurements.	The trial should be harvested ASAP. Ensure that future measurements are taken within the 2,000-3,500kgDM/ha range as described in the MLA Pasture Trials Protocol Manual

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Warrnambool

Post Code: 3280

Field Trial Operator: Seed Force

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Ms1373280

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
B14	As requested after the 2014 audit, rows 2 and 3 have been removed from the trial due to excessive moisture (low spot) significantly reducing plant numbers and increasing the weed burden. This replicate is not being measured.	Nothing required.

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Leigh Creek

Post Code: 3352

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Lm1463352

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Leigh Creek

Post Code: 3352

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Lp1463352 PTN

A. FIELD TRIAL ESTABLISHMENT

Yes No

1 Are plant numbers adequate and even? (Ignore occasional variety effect)

☒☐

2 Is weed control adequate?

☒☐

3 Is plot length/width within the range described in the protocols?

☒☐

4 Is the trial free from same species contamination?

☒☐

5 Was a trial plan available for inspection?

☒☐

6 Is the trial free from evidence of blocked coulter?

☒☐

7 Is the trial free from any other obvious problems?

☒☐

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Leigh Creek

Post Code: 3352

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Lp1363352

A. FIELD TRIAL ESTABLISHMENT

Yes No

1 Are plant numbers adequate and even? (Ignore occasional variety effect)

☒☐

2 Is weed control adequate?

☒☐

3 Is plot length/width within the range described in the protocols?

☒☐

4 Is the trial free from same species contamination?

☒☐

5 Was a trial plan available for inspection?

☒☐

6 Is the trial free from evidence of blocked coulters?

☒☐

7 Is the trial free from any other obvious problems?

☒☐

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed:

(Trial Auditor

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Leigh Creek

Post Code: 3352

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Dg1363352

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Leigh Creek

Post Code: 3352

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 24/09/15

PVTN Trial Registration Code: Fa1363352

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Ellinbank

Post Code: 3821

Field Trial Operator: D.E.D Victoria

Auditor: Nigel Johnston

Date of Audit: 25/09/15

PVTN Trial Registration Code: Lp15163821

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7 B14	The trial has a moderate amount of winter grass (<i>Poa annua</i>) throughout the plots.	While the winter grass should dye out through summer, it is advised that the trial is sprayed with an appropriate herbicide next autumn (2016) to remove any regenerating winter grass.

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Armidale

Post Code: 2350

Field Trial Operator: PGGW

Auditor: Nigel Johnston

Date of Audit: 12/10/15

PVTN Trial Registration Code: Fa1562350

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Aberdeen

Post Code: 2336

Field Trial Operator: Seed Force

Auditor: Nigel Johnston

Date of Audit: 12/10/15

PVTN Trial Registration Code: Ms1372336

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Is the trial free from evidence of blocked coulters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Lp1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Dg1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7, B14	A number of plots have thinned out considerably with the Cocksfoot being replaced by other grass weeds e.g. Barley Grass and Ryegrass.	<p>As the thinning out of the Cocksfoot is a result of varietal effect (poor persistence) these plots with significant plant loss should not be measured again.</p> <p>If these plots were to be measured (harvested) the majority of the foliage measured would be that of the grass weed, not the Cocksfoot.</p> <p>The yield of these affected plots should be recorded as zero.</p> <p>The list of plots that should not be measured again has been sent to the trial operator, and are listed below.</p>
	<p>Rep 1, plot 2 (entry 3), plot 4 (entry 2),</p> <p>Rep 2, plot 1 (entry 6), plot 9 (entry 2), plot 10 (entry 10), plot 11 entry 3)</p> <p>Rep 3, plot 4 (entry 6), plot 6 (entry 2), plot 8 (entry 9), plot 9 (entry 3), plot 10 (entry 1), plot 11 (entry 5).</p> <p>Rep 4, plot 11 (entry 6).</p>	

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Fa1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Ms1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Pa1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Stockinbingal

Post Code: 2725

Field Trial Operator: Eurofins

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Ts1312725

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Howlong

Post Code: 2643

Field Trial Operator: Heritage Seeds

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Lp1352643

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Howlong

Post Code: 2643

Field Trial Operator: Heritage Seeds

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Lp1452643

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Howlong

Post Code: 2643

Field Trial Operator: Heritage Seeds

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Lm1552643

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Howlong

Post Code: 2643

Field Trial Operator: Heritage Seeds

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Fa1552643

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Howlong

Post Code: 2643

Field Trial Operator: Heritage Seeds

Auditor: Nigel Johnston

Date of Audit: 15/10/15

PVTN Trial Registration Code: Fa1552643 (med)

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Tongala

Post Code: 3564

Field Trial Operator: D.E.D Victoria

Auditor: Nigel Johnston

Date of Audit: 16/10/15

PVTN Trial Registration Code: Lp15163564

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulters?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed:

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A7 B14	The trial has a moderate amount of winter grass (<i>Poa annua</i>) throughout the plots.	While the winter grass should dye out through summer, it is advised that the trial is sprayed with an appropriate herbicide next autumn (2016) to remove any regenerating winter grass.
B12	Due to a low lying area (wet spot) in the trial, one plot (LpD158489 in the 2 nd rep) has significant damage and has not persisted.	This entry should be removed from the trial and be entered as a 'missing plot'. The trial operator has already acknowledged this action.

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Cressey

Post Code: 7302

Field Trial Operator: UTAS

Auditor: Nigel Johnston

Date of Audit: 19/10/15

PVTN Trial Registration Code: Lp1427302

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

- | | | | |
|----|---|--|--------------------------|
| 8 | Is weed control adequate (ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 9 | Is soil environment OK? (based on plant appearance, ignore occasional variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 10 | Is herbage mass within the range expected for the species and management | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 11 | Has the fertiliser been evenly spread, and spreading dates recorded? | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 12 | Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 13 | Is clover adequate if sown? (tick yes if not sown) | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |
| 14 | Is the trial free from any other obvious problems | <input checked="checked" type="checkbox"/> | <input type="checkbox"/> |

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

MLA PTN 2015 Trial Compliance Audit Report

Site Location: Elliott

Post Code: 7325

Field Trial Operator: UTAS

Auditor: Nigel Johnston

Date of Audit: 20/10/15

PVTN Trial Registration Code: Lp1527325

A. FIELD TRIAL ESTABLISHMENT

Yes No

1	Are plant numbers adequate and even? (Ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Is weed control adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Is plot length/width within the range described in the protocols?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Is the trial free from same species contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Was a trial plan available for inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Is the trial free from evidence of blocked coulter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Is the trial free from any other obvious problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

B. POST ESTABLISHMENT MANAGEMENT

8	Is weed control adequate (ignore occasional variety effect)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Is soil environment OK? (based on plant appearance, ignore occasional variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	Is herbage mass within the range expected for the species and management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Has the fertiliser been evenly spread, and spreading dates recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	Is fertility/moisture even across the trial? (based on plant vigour, ignore variety effect)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Is clover adequate if sown? (tick yes if not sown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Is the trial free from any other obvious problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If you have ticked 'No' for any of the above please complete the following Non Compliance Report.

Signed: Nigel Johnston

(Trial Auditor)

PTN 2015 Trial Non Compliance Audit Report

Please list the question number, detail the non-compliance problem and corrective action required.

Question Number	Details of Non-Compliance	Corrective Action Required
A2 B8	<p>There is a significant amount of broadleaf weed in the trial area. The weeds have been sprayed within the last 2-3 weeks, but as not controlled all weeds.</p> <p>The trial also has a moderate amount of winter grass (<i>Poa annua</i>) throughout the plots.</p>	<p>The trial should be sprayed again with a combination of broadleaf herbicides to control remaining weeds. This should be done after the next measurement.</p> <p>While the winter grass should dye out through summer, it is advised that the trial is sprayed with an appropriate herbicide next autumn (2016) to remove any regenerating winter grass.</p>
A6	<p>There has been some blocked coulter at establishment (although not significant) meaning some plots do not have 100% coverage.</p>	<p>Care should be taken to avoid taking measurements in rows where the blocks have occurred. The trial operator should make notes of these blockages in their trial diary/report.</p>