

**Turf Accreditation Program
(TAP)
2015 edition, version 1**

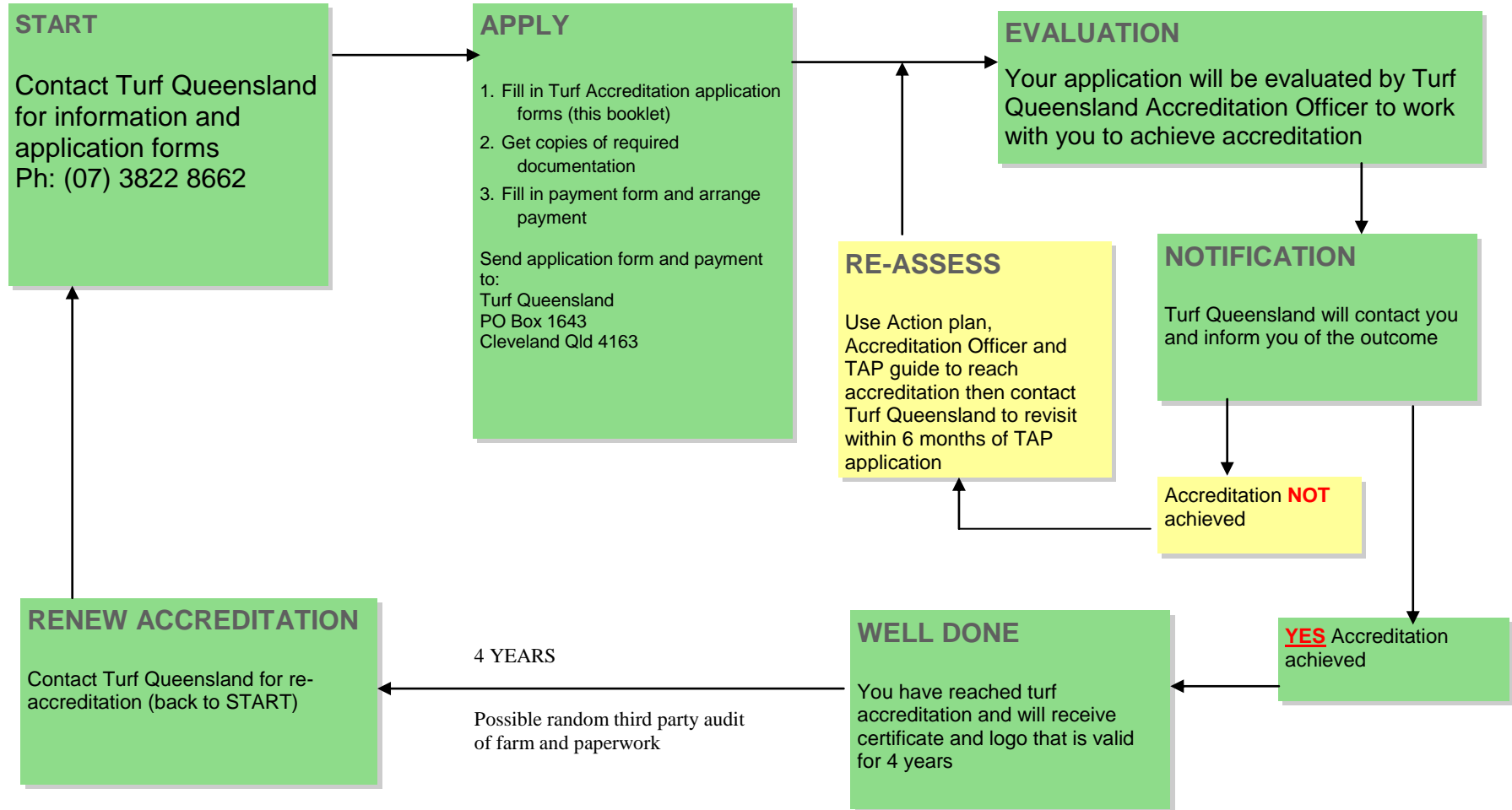


**Be your best
Compete at a professional level**



How to apply for Turf Accreditation

Turf Accreditation Program (TAP) – Turf Queensland can assist with your application if required.



Complete and send the following to Turf Queensland:

- application form
- copies of all required documentation (certificates/insurances) sighted by Turf Queensland or sighted and signed by Justice of the Peace (JP)
- signed declaration form
- accreditation validation form
- payment (this can be arranged electronically (direct debit) or by cheque)

Turf Accreditation is valid for 4 years.

Requirements marked with:

** are non-negotiable major audit requirements

* are intermediate audit requirements

no mark are minor audit requirements.

Land and Water Management Plan (LWMP)

Some turf production facilities will have undertaken a LWMP through the Queensland Government. A large number of questions within the LWMP will answer many areas within the Turf Accreditation Program.

Other Supporting Programs

If your turf facility has undertaken other programs including accreditation for different companies or industries this could support your application and should be advised.

PART A – Application form

Applicant details

Registered business name:

Australian Business Number (ABN)

Web Address (URL):

Turf Queensland membership number

Other membership associations:

Turf farm/property address:

Total hectares under turf

Preferred contact

Name:

Position title:

Business phone:

Mobile phone:

Business fax:

Email address:

Postal address:

Item 1 – Required insurances/certificates

If forwarding by post, attached copies of documents below signed by Justice of the Peace (JP)

Item	Sighted by Turf Queensland Accreditation Office or sighted and signed by Justice of the Peace (JP)	Expiry date
Public liability insurance policy		
Professional indemnity (if applicable)		
Certificate of registration of business name (if applicable)		
Work cover policy/private accident/illness insurance		
Water/irrigation licence (if applicable)		
Plant breeder rights and/or licenses held for varieties grown (if applicable). List varieties		
Property planning map		
Business plan contents page		
Recent soil test and water quality test (within 2 yrs)		
Workplace Health & Safety staff induction manual contents page and most recent audit report (within 2 yrs) conducted by the WH&S Department or a Workplace Health & Safety company		
Qualified horticulturists/agronomist on farm (name & copy of certificate)		

Item 2 – Declaration

Please ensure declaration is signed and dated otherwise this application will not be processed.

The terms and conditions of the Turf Accreditation Program form part of this application. By signing this form to become an Accredited Turf Producer and returning the declaration means you have read, understood and accepted the terms and conditions. For a copy of the terms and conditions, download from the website or contact Turf Queensland on 07 3822 8662

According to the Privacy Act of 1988, Turf Queensland requires written permission from applicants to view private documents and discuss matters relating to their Turf Accreditation Program application. Turf Queensland will treat all documents as commercial-in-confidence and will not disclose your details to any third party.

Turf Queensland, the Turf Accreditation Program administration provider and representatives will only conduct discussions with relevant parties as required. Should further documentation be required, the scheme administrator will contact the applicant direct.

- **I declare that all the information provided in this form is true, complete and correct and will give prompt written notice to the Turf Accreditation Program Administrator of any change in such information.**
- **I agree to the Turf Accreditation Program terms and conditions (receipt of which is acknowledged), as varied from time to time, and agree to maintain the standards of an Accredited Turf Production Business.**
- **I understand that the fees and charges are non-refundable, may increase in the future and are payable in relation to my application for achievement of Accredited Turf Producer status.**
- **I indemnify and release Turf Queensland, the administration provider and employees, contractors and agents against any claims in accordance with the terms and conditions.**
- **I give authority to Turf Queensland, and representatives to view all documents and discuss with relevant parties the evidence of submitted to substantiate the application.**
- **I accept that random third party audits are a part of the Turf Queensland Turf Accreditation Program and I may be contacted in the future to undertake a farm and paperwork audit.**

Company name: _____ Date: _____
Signed by: _____ Name/Position: _____
Signature of witness: _____ Print name: _____

Disclaimer:

Turf Queensland (TQ) advises it is the total responsibility of the applicant to ensure all insurance and liability protection is current. TQ directors, staff or employees cannot and will not be held responsible for any claims arising from incorrect claims or information included in this application.

THIS IS A LEGAL DOCUMENT AND ALL INFORMATION RECORDED WITHIN IS TRUE AND CORRECT.

Item 3 – Payment details

This application covers Turf Accreditation for a two (4)-year period and includes GST. Total amount **\$660 for 4 years.**

Send completed application form to:

**The Accreditation Administrator
PO Box 1643, Cleveland
Brisbane, Queensland 4163**

Phone: (07) 3822 8662

Email: info@qtpa.com.au

TAX INVOICE

TQ ABN: 33 190 326 785

Please photocopy and retain as your tax invoice/receipt

- Cheque (Payable to Queensland Turf Producers Association Inc)
- Direct Debit (send verification of payment to Accreditation Administrator)

Account name: **Queensland Turf Producers Association**

Bank: **Commonwealth Bank**

BSB: **064 170**

Account No: **1033 1165**

PART B – Accreditation validation

SECTION 1: FARM OPERATIONS

Circle the rating that best fits your description **A B C or D**

1. PROPERTY MAPPING*			
<p>1.1 Property planning maps aim to identify areas for workers/contractors. They will also indicate areas with potential environmental implications. <i>Note: Copy maps to be provided [see TAP guide page 3]</i></p>			
A	B	C	D
<p>Have a property map showing:</p> <ul style="list-style-type: none"> • Farm boundary • Growing areas • Water storage, water courses and wetlands • Soil types • Soil conditioner, chemical, fertiliser and fuel storage areas • Irrigation and drainage lines • Offsite drainage and discharge areas • Remnant and riparian vegetation (regional ecosystems) • Problem areas (compaction, erosion & sodicity) <input type="checkbox"/> NA • Sensitive areas potentially affected by property activities (fertiliser/chemical applications), these are usually near waterways and neighbouring properties <input type="checkbox"/> NA • Salinity hazards <input type="checkbox"/> NA 	<p>Have a map plan including:</p> <ul style="list-style-type: none"> • Farm boundary • Growing areas • Water storage, water courses and wetlands • Soil types • Problem areas (compaction, erosion & sodicity) <input type="checkbox"/> NA • Chemical storage areas 	<p>Have a rough planning map including:</p> <ul style="list-style-type: none"> • Growing areas • Farm boundary • Water storage areas 	<p>Have no farm map</p>
			<p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

2. SOIL HEALTH AND PROPERTIES**			
2.1 Soil profile (identification of soil type structure and depth, including potential acid sulphate soils. Recent (within 2 years) example of soil test to be provided)			
A	B	C	D
<ul style="list-style-type: none"> Aware of soil types on farm and understand soil structure, water holding capacity and different layers at depth – records kept Have a record of completed tests in each growing area, have identified areas on property affected or susceptible to structural decline and/or extreme acidity and undertaken associated management 	<ul style="list-style-type: none"> Aware of soil types on farm and understand soil structure and different layers at depth 	<ul style="list-style-type: none"> Aware of soil types on farm 	<p>Not aware of soil types on farm</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>
2.2 Soil erosion and risk assessment			
A	B	C	D
<ul style="list-style-type: none"> Have identified areas of soil erosion and potential problem areas Record a risk assessment outlines actions to prevent and mediate these areas Growing areas are left exposed (to rain events) for the smallest time possible Have a planned drainage and run off system (as shown on maps) Organic matter in soil is monitored and recorded and quality organic soil conditioner (compost) is incorporated into soil when needed (e.g. to improve soil structure and water holding capacity) 	<ul style="list-style-type: none"> Have identified areas of soil erosion and potential problem areas. A risk assessment outlines actions to prevent and mediate these areas Growing areas are left exposed (to rain events) for the smallest time possible Have a planned drainage and run off system 	<ul style="list-style-type: none"> Have identified areas of soil erosion and potential problem areas Growing areas are left exposed (to rain events) for the smallest time possible Have a planned drainage and run off system 	<p>Not aware of soil erosion on farm</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

2.3 Soil salinity and pH levels

A	B	C	D
<ul style="list-style-type: none"> • Complete salinity and pH tests for soil every two years (as provided on soil test copies) • Tests are done on a range of soil samples taken from different soil types and growing areas (as provided on soil test copies) • Aware of problem areas on farm and have implemented appropriate management practices (records kept) • Water table depths and potential areas of salinity risk are understood (e.g. salinity hazard map) 	<ul style="list-style-type: none"> • Complete tests for soil salinity and pH every two years (provide copies) • Aware of problem areas on farm and have implemented appropriate management practices 	<ul style="list-style-type: none"> • Have completed soil salinity and pH tests to identify problem areas on farm (provide copies) 	<p>Not aware of soil conditions on farm</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

2.4 Soil compaction relief - aeration

A	B	C	D
<ul style="list-style-type: none"> • Soil compaction relief (verti-drain or tyne aerator) is undertaken at least after every harvesting event (records kept) 	<ul style="list-style-type: none"> • Soil compaction relief (verti-drain or tyne aerator) is undertaken occasionally 	<ul style="list-style-type: none"> • No soil compaction relief is undertaken 	<p>Soil compaction relief is not understood</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3. WATER & IRRIGATION SYSTEM PERFORMANCE*

3.1 Water quality – please list the type of irrigator/s used: _____

A	B	C	D
<ul style="list-style-type: none"> Irrigation water (groundwater and/or dam water) is monitored and recorded for salinity and pH if problems arise or the area is prone to low quality water If using poor quality water, irrigation is managed to ensure minimum impact to turf and soil (e.g. soil salinity build up) Water quality test completed every 2 years (provide copy) 	<ul style="list-style-type: none"> Irrigation water (groundwater and/or dam water) is sometimes monitored for salinity and pH if problems arise or the area is prone to low quality water 	<ul style="list-style-type: none"> Irrigation water (groundwater and/or recycled dam water) is monitored for salinity and pH if extensive costly growing problems arise 	<p>No water quality monitoring takes place</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3.2 Irrigation system performance

A	B	C	D
<p>Efficient water application to turf occurs due to:</p> <ul style="list-style-type: none"> Efficient irrigation system design Pump, sprinkler hoses/pipes, pressure, pulley travelling speeds and nozzles are checked and maintained and records kept Maintenance of irrigation system recorded (e.g. leaks and blockages fixed) Records of water application rate not exceeding the infiltration rate of soil (e.g. application rate matches soil type) <p><i>Included: Monitoring water use</i></p> <ul style="list-style-type: none"> Irrigation water pumping license requirements, regulations and water allocations are understood and met Water used for washing equipment is monitored and reduced where possible 	<p>Water application to turf is mostly efficient due to:</p> <ul style="list-style-type: none"> Pump, sprinkler hoses/pipes, pressure, pulley travelling speeds and nozzles are checked and maintained for optimum operation (e.g. installed and kept to manufactures optimum specifications) Maintenance of irrigation system (e.g. leaks and blockages fixed) 	<p>Water application to turf is sometimes efficient due to:</p> <ul style="list-style-type: none"> Maintenance of irrigation system (e.g. leaks and blockages fixed) 	<p>Water application to turf is not efficient because irrigation system needs to be maintained or poor system performance</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3.3 Irrigation scheduling

A	B	C	D
<p>The following factors are understood and recorded and used to schedule irrigations:</p> <ul style="list-style-type: none"> • Plant watering requirements (e.g. turf transpiration, expected ML per Ha) • Turf canopy cover and species differences (crop factor) • Soil moisture at root depth (e.g. soil moisture readings from rain events and irrigations) • Water holding capacity of soil • Factors influencing evaporation rates and water application – wind conditions and time of day (e.g. morning or night has less evaporation and wind) • Rainfall records, forecast and evaporation rates • Active root-zone depth 	<p>The following factors are understood and used to schedule irrigations:</p> <ul style="list-style-type: none"> • Soil moisture at root depth (e.g. soil moisture readings from rain events and irrigations) • Water holding capacity of soil • Factors influencing evaporation rates and water application – wind conditions and time of day (e.g. morning or night has less evaporation and wind) • Rainfall records, forecasts and evaporation rates 	<p>The following factors are understood and used to schedule irrigations:</p> <ul style="list-style-type: none"> • Factors influencing evaporation rates and water application – wind conditions and time of day (e.g. morning or night has less evaporation and wind) • Rainfall records, forecasts and evaporation rates 	<p>Irrigations are done according to a calendar schedule</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3.4 Monitoring water use

A	B	C	D
<ul style="list-style-type: none"> • Irrigation water pumping licence requirements, regulations and water allocations are understood and met • Water used for washing equipment is monitored and reduced where possible 	<p style="text-align: right;"><input type="checkbox"/> NA</p> <ul style="list-style-type: none"> • Irrigation water pumping licence requirements, regulations and water allocations are understood and met 	<ul style="list-style-type: none"> • Irrigation water pumping licence requirements, regulations and water allocations are understood but not met 	<p style="text-align: right;"><input type="checkbox"/> NA</p> <ul style="list-style-type: none"> • Unsure if irrigation water pumping licence requirements apply • Water used on farm is not measured <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3.5 Drainage water from irrigation

A	B	C	D
<ul style="list-style-type: none"> • Drainage water is kept to a minimum, captured on farm and stored in a sealed dam for re-use where possible (e.g. clay lined dam) • Leaching of drainage water into water table is minimised by not over irrigation • There is provision for drainage water to exit farm in flood events 	<ul style="list-style-type: none"> • Drainage water is captured and re-used on farm where possible • There is provision for drainage water to exit farm in a flood event 	<ul style="list-style-type: none"> • Drainage water is not re-used on farm • The quality of drainage water leaving the farm is tested 	<ul style="list-style-type: none"> • Drainage water leaves the farm without water quality testing <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

3.6 Water use efficiency – please circle - is fertigation utilised? = Y / N do you use moisture monitors? = Y / N

A	B	C	D
<ul style="list-style-type: none"> • Irrigation consumption volumes are recorded and reviewed quarterly • Innovation and reduction strategies are identified and recorded • Reductions against baseline benchmark are recorded • 	<ul style="list-style-type: none"> • Level A required to meet best practice for sustainability 	<ul style="list-style-type: none"> • Level A required to meet best practice for sustainability 	<ul style="list-style-type: none"> • Level A required to meet best practice for sustainability <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4. FERTILISER, NUTRIENTS AND ENVIRONMENT**

4.1 Application rates of fertiliser and organic amendments (e.g. chicken manure)

A	B	C	D
<p>Records kept for all the following:</p> <ul style="list-style-type: none"> • Efficient as possible (e.g. avoid or contain excess nutrients in run-off water or leaching into ground water) • Nutrient application (including fertiliser and organic amendments) rates are determined by considering the following: <ul style="list-style-type: none"> ○ <i>Plant growth stage and nutrient requirements (e.g. leaf analysis)</i> ○ <i>Current soil nutrient levels (e.g. soil analysis)</i> ○ <i>Soil requirements to maintain inherent soil fertility (related to cation exchange capacity)</i> ○ <i>Soil type, structure, pH, salinity and limitations of soil (e.g. leaching potential)</i> ○ <i>Changing seasonal demands</i> 	<p>Records kept for all the following:</p> <ul style="list-style-type: none"> • Nearly as efficient as possible (e.g. avoid or contain excess nutrients in run-off water or leaching into ground water) • Nutrient application (including fertiliser and organic amendments) rates are determined by considering the following: <ul style="list-style-type: none"> ○ <i>Plant growth stage and nutrient requirements (e.g. leaf analysis)</i> ○ <i>Current soil nutrient levels (e.g. soil analysis)</i> 	<p>Records kept for all the following:</p> <ul style="list-style-type: none"> • Not as efficient as possible (e.g. avoid or contain excess nutrients in run-off water or leaching into ground water) • Nutrient application (including fertiliser and organic amendments) rates are determined by considering the following: <ul style="list-style-type: none"> ○ <i>Plant growth stage and nutrient requirements (e.g. leaf analysis)</i> 	<p>Efficiency of nutrient application rates is unknown or not considered. Run-off and groundwater has the potential to be contaminated with nutrient</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4.2 Application processes – please circle - what type of fertiliser do you use? = soluble / granular

A	B	C	D
<p>Records kept for all the following:</p> <ul style="list-style-type: none"> • Equipment used for application is calibrated, tested and maintained to achieve the correct nutrient rates • Solid fertiliser is incorporated or irrigated into soil • Nutrients are not applied if heavy rain is expected or soil is waterlogged. Split applications are considered 	<p>Records kept for all the following:</p> <ul style="list-style-type: none"> • Equipment used for application is maintained but not calibrated or tested • Solid fertiliser is incorporated or irrigated into soil • Nutrients are not applied if heavy rain is expected or if soil is waterlogged 	<ul style="list-style-type: none"> • Equipment used for application is not maintained • Solid fertiliser is not incorporated or irrigated into soil • Nutrients are not applied if heavy rain is expected or if soil is waterlogged 	<ul style="list-style-type: none"> • Unknown if fertiliser applications achieve the correct nutrient rates • Rain forecast and waterlogged soil are not taken into consideration when applying nutrients <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4..3 Buffer zones

A	B	C	D
<ul style="list-style-type: none"> • All irrigation and normal seasonal rain water run-off from turf growing areas is trapped by a drainage system and/or sufficient vegetated areas that filter the water before it reaches surrounding waterways and remnant vegetation (e.g. correct application of nutrients and back up constructed wetland or second dam to dissipate nutrients and soil particles so they are not carried off farm) • Awareness of nutrients and sediment in drainage water (records kept where possible) • Fertiliser and organic amendments are stored in an isolated or bunded area with provision to contain spills or escape of amendments. 	<ul style="list-style-type: none"> • Some irrigation and normal seasonal rain water run-off from turf growing areas is trapped by a drainage system and/or vegetated areas that filter the water before it reaches surrounding waterways and remnant vegetation (e.g. correct application of nutrients and back up constructed wetland or second dam to dissipate nutrients and soul particles so they are not carried off farm) 	<ul style="list-style-type: none"> • Little irrigation and normal seasonal rain water run-off from turf growing areas is trapped by a drainage system and/or vegetated areas that filter the water before it reaches surrounding waterways and remnant vegetation 	<p>No irrigation and rain water run-off from turf growing areas is trapped by a drainage system or vegetation buffer zone</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4..4 Preventing groundwater contamination at bores and wells – if no bores or wells NA

A	B	C	D
<p>At bore and well sites:</p> <ul style="list-style-type: none"> • There is no gap between the bore casing and the surrounding ground • Lids cover the bore or well when not in use • Unused old sites are decommissioned and capped • Ground surface around the bore is raised or mounded 	<p>At bore and well sites:</p> <ul style="list-style-type: none"> • There is no gap between the bore casing and the surrounding ground • Lids cover the bore or well when not in use • Unused old sites are decommissioned and capped 	<p>At bore and well sites:</p> <ul style="list-style-type: none"> • Lids cover the bore or well when not in use • Unused old sites are decommissioned and capped 	<p>Unaware of the condition at bore and well sites</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4..5 Native flora and fauna

A	B	C	D
<p>Records kept for the following:</p> <ul style="list-style-type: none"> Natural biodiversity assets on farm and in nearby catchment areas are identified (e.g. regional ecosystems on farm map) Production managed to minimise the threats/potential damage to native flora and fauna (e.g. remnant native vegetation and riparian areas are managed to protect and encourage native plants and wildlife) 	<p>Records kept for the following:</p> <ul style="list-style-type: none"> Natural biodiversity assets on farm are identified (e.g. regional ecosystems on farm map) Production managed to minimise the threats / potential damage to native flora and fauna (e.g. remnant native vegetation and riparian areas are managed to protect and encourage native plants and wildlife) 	<p>Records kept for the following:</p> <ul style="list-style-type: none"> Natural biodiversity assets on farm are identified (e.g. regional ecosystems on farm map) 	<p>Not aware of natural biodiversity assets on farm</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

4..6 Fertiliser use efficiency

A	B	C	D
<p>Records kept for the following:</p> <ul style="list-style-type: none"> Fertiliser consumption volumes are recorded and reviewed quarterly Innovation and reduction strategies are identified Reductions against baseline benchmark are evident 	<p>Level A required to meet best practice for sustainability</p>	<p>Level A required to meet best practice for sustainability</p>	<p>Level A required to meet best practice for sustainability</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5. PESTS, WEED AND DISEASE MANAGEMENT*

5.1 Identification

A	B	C	D
<ul style="list-style-type: none"> • Can identify common pests, weeds and diseases for turf variety and growing area/locality (e.g. animals – mites, army works, weeds –c lover, crows foot, diseases - dollar spot) • Have access to reference material for identification • Can identify the difference between a beneficial and pest organism 	<ul style="list-style-type: none"> • Can identify common pests, weeds and diseases for turf variety and growing area 	<ul style="list-style-type: none"> • Have a general knowledge of local pests, weeds and diseases of turf 	<p>Cannot identify common weeds and diseases for turf</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5.2 Checking for pests, weeds and diseases

A	B	C	D
<ul style="list-style-type: none"> • Frequent routine inspection of turf for pests, weeds and diseases (e.g. weekly inspection of turf harvest sites and in new growth areas) 	<ul style="list-style-type: none"> • Occasional inspection of turf for pests, weeds and diseases (e.g. monthly in turf harvest sites and in new growth areas) 	<ul style="list-style-type: none"> • Seldom inspect turf for pests, weeds and diseases 	<p>Pests, weeds and diseases are inspected on an ad hoc basis or if problems arise</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5.3 Management of pests, weeds and diseases (e.g. animals-mites, beetles, plants-clover, paspalum and diseases-dollar spot)

A	B	C	D
<ul style="list-style-type: none"> • Measures are in place to prevent some weeds and diseases from entering farm (e.g. cars restricted to parking area, equipment washed down, inspection of new planting stock, organic matter quality control) • As pests are identified treatment is applied before the pest gets out of control • Integrated pest management control methods are considered including: <ul style="list-style-type: none"> ○ <i>Management of turf nutrition</i> ○ <i>Soil health</i> ○ <i>Selective pesticides which target specific pests rather than broad-spectrum products</i> ○ <i>Turf mowing height and other cultural control practices (depending on pest)</i> ○ <i>Improvement of drainage</i> ○ <i>If necessary, use resistant cultivars</i> ○ <i>Quarantine off any incoming soil and turf matter</i> 	<ul style="list-style-type: none"> • Few measures are in place to prevent weeds and diseases from entering farm (e.g. cars restricted to parking area, inspection of new planting stock) • Pests, weeds and diseases are controlled when needed to avoid economic damage 	<ul style="list-style-type: none"> • Respond with control measures only when problems are severe and obvious 	<p>Ad hoc or limited management of pests, weeds and diseases</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5.4 Pest control records

A	B	C	D
<ul style="list-style-type: none"> • Records of pest problems, control measures taken, turf condition and turf/pest response are kept up to date and outlined which blocks are affected 	<ul style="list-style-type: none"> • Records of pest problem, control measures taken, turf condition and turf/pest response are kept up to date 	<ul style="list-style-type: none"> • Records of control measures taken are kept 	<p>No records kept</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5.5 Spray equipment and pesticide application processes

A	B	C	D
<ul style="list-style-type: none"> Spray application equipment is maintained and calibrated regularly (e.g. spray nozzles) <p>The following are considered before sprays/chemicals are applied to turf:</p> <ul style="list-style-type: none"> Turf growth stage Extent to which turf is under stress (e.g. heat, frost, drought) Soil moisture Timing of irrigation Rainfall and temperature forecast Pest life/growth cycle Spray drift impacts and wind speed (e.g. wind speed of 1-4 m/s (3-15 kph), wind direction and proximity to neighbours/other crops) Chemical temperature requirements (usually on label and less than 28°C) 	<ul style="list-style-type: none"> Spray application equipment is maintained and calibrated regularly (e.g. spray nozzles) <p>The following are considered before sprays/chemicals controls are applied to turf:</p> <ul style="list-style-type: none"> Timing of irrigation Spray drift impacts and weather conditions 	<ul style="list-style-type: none"> Spray application equipment is sometimes maintained and occasionally calibrated (e.g. spray nozzles) There are no considerations before spraying 	<p>Spray application equipment is not maintained and calibrated</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

5.6 Fire ants and other invasive ants (e.g. electric ants, yellow crazy ants)

A	B	C	D
<ul style="list-style-type: none"> Able to identify invasive ants and report sightings Aware of eradication programs including surveillance, treatment and containment Keep updated to changes to invasive ants restricted areas Have risk management plan guidelines in place Know of requirement to notify Biosecurity Queensland about any invasive ants 	<ul style="list-style-type: none"> Level A required to meet best practice for sustainability 	<ul style="list-style-type: none"> Level A required to meet best practice for sustainability 	<p>Level A required to meet best practice for sustainability</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

6. CUTTING AND INSTALLATION**			
6.1 Cutting Turf			
A	B	C	D
<ul style="list-style-type: none"> • Cutting takes a minimum soil depth which still allows for intact turf slabs or rolls • Wasted cut turf is minimised to 2% of final cut area (e.g. waste due to poor turf cutting technique or turf thatch and density) 	<ul style="list-style-type: none"> • Cutting takes a minimum soil depth which still allows for intact turf slabs or rolls • Wasted cut turf is minimised to 5% of final cut area 	<ul style="list-style-type: none"> • Cutting depth is determined by machine • Wasted turf cut is not a consideration 	Cutting depth and wasted turf cut is not a consideration Circle your rating: A B C D
6.2 Quality			
A	B	C	D
<ul style="list-style-type: none"> • Turf sod is sold with an invoice/docket indicating the species, variety and quality grade • Quality grade of turf meets the current Turf Queensland Quality Standards – Premium, Commercial and Non-Conforming turf • Crop health monitored continuously 	<ul style="list-style-type: none"> • Turf sod is sold with an invoice/docket indicating the variety and quality grade • Quality grade of turf sometimes meets the current Turf Queensland Quality Standards – Premium, Commercial and Non-Conforming turf 	<ul style="list-style-type: none"> • Turf sod is not sold with an invoice/docket indicating the quality grade • Quality grade of turf is unknown 	Turf slab contamination and sod quality is rarely considered Circle your rating: A B C D
6.3 Transport and installation (not applicable of contractor is responsible <input type="checkbox"/> NA)			
A	B	C	D
<ul style="list-style-type: none"> • Turf is always delivered and installed as soon as possible after cutting • Turf is restrained during transport in accordance with Queensland Transport regulations 	<ul style="list-style-type: none"> • Turf is mostly delivered and installed as soon as possible after cutting • Turf is restrained during transport in accordance with Queensland Transport regulations 	<ul style="list-style-type: none"> • Turf is sometimes delivered and installed as soon as possible after cutting • Turf is restrained during transport in accordance with Queensland Transport regulations 	Turf is not delivered and installed as soon as possible after cutting. <i>Note: turf must be strapped and tarped or restricted during transport</i> Circle your rating: A B C D

6.4 Turf establishment and maintenance guidelines (if contractor is responsible, score = A)

A	B	C	D
<ul style="list-style-type: none"> • Consumer/purchaser is always briefed on turf care, such as watering, cutting and fertilising. Consumer/purchaser is educated about specific turf species/cultivar requirements • Information materials are supplied (e.g. webpage or brochure) 	<ul style="list-style-type: none"> • Consumer/purchaser is sometimes briefed on turf care, such as watering, cutting and fertilising 	<ul style="list-style-type: none"> • Consumer/purchaser is briefed only on watering turf 	<p>Consumer/purchaser is not briefed on turf after-care</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

7. WASTE*

7.1 Avoid, reduce, reuse, recycle

A	B	C	D
<ul style="list-style-type: none"> • Waste avoidance or minimisation strategies in place and recorded • Large amounts of packaging are avoided when purchasing production materials and when supplying turf • Items are reused or recycled where possible: <ul style="list-style-type: none"> ○ <i>Plastic waste (e.g. hoses, bags, fittings)</i> ○ <i>Post harvest green waste</i> ○ <i>Chemical containers and fertiliser packaging</i> 	<ul style="list-style-type: none"> • Some waste avoidance or minimisation strategies in place and recorded • Items are reused or recycled where possible 	<ul style="list-style-type: none"> • Items are reused or recycled where possible 	<p>No waste avoidance or minimisation strategies in place</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

7.2 Storage and disposal methods of non-reusable items

A	B	C	D
<ul style="list-style-type: none"> • Waste burning and on-farm disposal does not occur • Storage and disposal of the following is undertaken appropriately for the particular type of waste: <ul style="list-style-type: none"> ○ <i>Machinery scrap metal, batteries and tyres</i> ○ <i>Oil and grease from machinery (EPA)</i> ○ <i>Chemicals (e.g. un-used mixed chemical pesticide or out of date chemicals) Chemclear</i> ○ <i>Plastic waste (e.g. hoses, bags, fittings)</i> ○ <i>Post harvest green waste</i> ○ <i>Chemical containers and fertiliser packaging</i> 	<ul style="list-style-type: none"> • Waste burning and on-farm disposal does not occur • Storage and disposal of the following is undertaken appropriately for the particular type of waste: <ul style="list-style-type: none"> ○ <i>Plastic waste (hoses, bags fittings)</i> ○ <i>Machinery scrap metal and tyres</i> ○ <i>Chemical containers and fertiliser packaging</i> ○ <i>Post harvest green waste</i> 	<ul style="list-style-type: none"> • Storage and disposal of the following is undertaken appropriately for the particular type of waste: <ul style="list-style-type: none"> ○ <i>Machinery scrap metal and tyres</i> 	<p>No different storage or disposal methods considered all wastes are disposed of as land fill</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;"> A B C D </p>

8. ENERGY USE*			
8.1 Energy audit			
A	B	C	D
<ul style="list-style-type: none"> Have undertaken a farm energy audit and considered the following: <ul style="list-style-type: none"> Turning off electrics or machinery when not in use Irrigation pumps Transport and maintenance of vehicles and machinery Oil and fuel use Application of fertiliser and/or pesticides 	<ul style="list-style-type: none"> Have undertaken a farm energy audit and considered the following:: <ul style="list-style-type: none"> Turning off electrics or machinery when not in use Irrigation pumps 	<ul style="list-style-type: none"> Have a general idea of energy consumption but have not considered doing an energy audit 	<p>Not aware of energy consumption</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>
8.2 Minimising energy use			
A	B	C	D
<ul style="list-style-type: none"> Use of energy and fuel is minimised where possible Staff aware and encouraged to save energy (e.g. signs near pump power switches and outlining energy efficient operating procedures) Energy sources are green where possible (e.g. solar, wind) 	<ul style="list-style-type: none"> Use of energy and fuel is minimised where possible Staff aware and encouraged to save energy (e.g. signs near pump power switches outlining energy efficient operating procedures) 	<ul style="list-style-type: none"> Energy use is sometimes considered and minimised where possible 	<p>Energy use is not considered</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>
8.3 Implement Energy Efficiency Management Plan			
A	B	C	D
<ul style="list-style-type: none"> Diesel / electricity consumption volumes are recorded and reviewed quarterly Innovation and reduction strategies are identified and documented Reductions against baseline benchmark are evident 	<ul style="list-style-type: none"> Level A required to meet best practice for sustainability 	<ul style="list-style-type: none"> Level A required to meet best practice for sustainability 	<p>Level A required to meet best practice for sustainability</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

SECTION 2: BUSINESS OPERATIONS

Circle the rating that best fits your description **A B C or D**

9. BUSINESS MANAGEMENT			
9.1 Business Plan (please supply contents page of the latest business plan)			
A	B	C	D
<ul style="list-style-type: none"> A three year business plan outlines the objectives of the company, staff structure, career pathways and succession plan. Strengths, weaknesses, opportunities and threats (SWOT analysis), or similar, has been completed as part of the business plan 	<ul style="list-style-type: none"> A one year business plan outlines the objectives of the company, staff structure, career pathways and succession plan included 	<ul style="list-style-type: none"> A brief one year business plan outlines the objectives of the company 	<p>No written business plan</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>
9.2 Finances			
A	B	C	D
<ul style="list-style-type: none"> The financial objectives of the company are clear, market analysis has taken place and a strategy developed Financial plans are recorded, actioned and monitored, they also include future projections Have a three year financial plan including all costs and estimated earnings (e.g. own labour, electricity and staff super) 	<ul style="list-style-type: none"> Financial objectives for the company and finance plans are recorded, actioned and monitored, they also include future projections 	<ul style="list-style-type: none"> Financial records kept but no projections for the future are used 	<p>Limited incomplete or no financial records</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10. WORKPLACE HEALTH AND SAFETY**

10.1 Hazards and risks

A	B	C	D
<ul style="list-style-type: none"> The business has a company policy and risk management system in place All work procedures/rules are documented and posted on site (e.g. start-up rules on mower/machinery). Chemicals are stored and used according to agricultural chemical users manual, and manufactures label directions Staff have a chemical users license and permit where required The business has a written policy or procedure to address worker health and wellbeing OR The business has a written policy statement supporting the physical and emotional health of workers 	<ul style="list-style-type: none"> The business has a company policy and risk management system in place Chemicals are stored and used according to agricultural chemical users manual, and manufactures label directions The business has a written policy statement supporting the physical and emotional health of workers 	<ul style="list-style-type: none"> Obligations of the WH&S are understood, some are acted upon (e.g. first aid kits in offices and vehicles) Chemicals are stored and used according to agricultural chemical users manual, and manufactures label directions Resources on healthy lifestyle behaviours is available to workers 	<ul style="list-style-type: none"> Limited or incomplete knowledge of WH&S obligations and Acts No formal policies/procedures in place The business does not promote the health and wellbeing of workers
			<p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10.2 Employee competence (copy of induction manual contents page to be provided)

A	B	C	D
<ul style="list-style-type: none"> There is a WH&S officer or staff member who is responsible for all WH&S issues All employees are inducted and trained for their tasks and informed of all WH&S issues verbally and in writing The business has a nominated staff member responsible for coordinating a wellness program All employees are informed of workplace wellness activities 	<ul style="list-style-type: none"> Workers are inducted and trained for their tasks and informed of all WH&S issues verbally All employees are informed of workplace wellness activities 	<ul style="list-style-type: none"> Workers are inducted and trained for their tasks but not all WH&S issues are mentioned Workers are not The business does not provide worker wellness activities 	<p>Workers have no formal induction and are not trained for tasks</p>
			<p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10.3 Traffic management

A	B	C	D
<ul style="list-style-type: none"> Local council traffic rules for delivery of goods are abided by when transport turf to installation site 	<ul style="list-style-type: none"> Local council traffic rules for delivery of goods are mostly abided by when transporting turf to installation site 	<ul style="list-style-type: none"> Local council traffic rules for delivery of goods are sometimes abided by when transporting turf to installation site 	<p>Local council traffic rules for delivery of goods are unknown</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10.4 Actions to prevent WH&S issues

A	B	C	D
<ul style="list-style-type: none"> Active investigation of near misses or WH&S problems with causes being found, fixed and on farm policies updated, including staff re-training if needed 	<ul style="list-style-type: none"> Active investigation of near misses or WH&S problems with causes being found and fixed 	<ul style="list-style-type: none"> Near misses or WH&S problems not resolved 	<p>Unaware of near misses or WH&S problems</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10.5 Records

A	B	C	D
<ul style="list-style-type: none"> Staff induction, training and competency is recorded, kept on file and updated where necessary All accidents and near misses occurring in the workplace are recorded and kept on file (e.g. incident report forms) Actions to prevent WH&S incidents are recorded and kept on file 	<ul style="list-style-type: none"> All accidents and near misses occurring in the workplace are recorded and kept on file (e.g. incident report forms). Actions to prevent WH&S incidents are also recorded 	<ul style="list-style-type: none"> All accidents and near misses occurring in the workplace are recorded and kept on file (e.g. incident report forms) 	<p>Records of staff training, WH&S incidents are not kept</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

10.6 Audits (copy of WH&S audit report to be provided)

A	B	C	D
<ul style="list-style-type: none"> On farm audits are conducted annually to assess gaps in WH&S methods (e.g. records, actions after near misses, training) Skill audits are conducted to identify staff training needs (e.g. observe staff techniques) A Workplace Health and Safety audit has been completed for the business within the last two years by an independent WH&S organisation The business undertakes regular Healthy People and Healthy Places needs assessments to address the key health issues of workers and assess gaps in the physical and cultural environment of the workplace 	<ul style="list-style-type: none"> On farm audits are conducted every 2 years to assess gaps in WH&S methods (e.g. records, actions after near misses, training) Healthy Places audit is conducted every 2 years to assess gaps in the physical and cultural environment that impacts on the health and wellbeing of workers 	<ul style="list-style-type: none"> At some stage an on farm audit has taken place to assess gaps in WH&S methods (e.g. records, actions after near misses, training) At some stage a process is undertaken to converse with staff on their health needs and how the workplace impacts on their health and wellbeing 	<p>No audits of WH&S methods (e.g. records, actions after near misses, training) have been done No health needs assessments are conducted</p>
			<p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>

11. COMMUNICATIONS

11.1 Internal (e.g. staff) and external (e.g. clients and customers)

A	B	C	D
<ul style="list-style-type: none"> • Internal communication is effective between staff, partners and advisors • All important discussion and decisions are recorded for future reference • Management and workers discuss strategies for improving/maintaining the health and wellbeing of workers • External communication includes: <ul style="list-style-type: none"> ○ <i>Advertising</i> ○ <i>Prompt follow up of any issues, complaints, or information requests</i> ○ <i>Practical and achievable written customer contracts</i> ○ <i>Farm meetings and toolbox talks undertaken where needed</i> ○ <i>Educational programs on positive lifestyle behaviours for optimum health benefits</i> 	<ul style="list-style-type: none"> • Internal communication is mostly effective between staff, partners and advisors • Discussions occur but not all are recorded • Management decide on health and wellbeing strategies without consulting with workers • External communication includes: <ul style="list-style-type: none"> ○ <i>Prompt follow up of any issues, complaints, or information requests</i> ○ <i>Practical and achievable written customer contracts</i> ○ <i>Educational programs on positive lifestyle behaviours for optimum health benefits</i> 	<ul style="list-style-type: none"> • Internal communication is sometimes effective between staff, partners and advisors • Discussions occur but not all are recorded • External communication includes: <ul style="list-style-type: none"> ○ <i>Prompt follow up of any issues, complaints, or information requests</i> ○ <i>Educational programs on positive lifestyle behaviours for optimum health benefits</i> 	<ul style="list-style-type: none"> • No records of communication • Discussions occur with and without follow up and appropriate actions • No discussions occur in relation to worker health and wellbeing <p style="text-align: center;">Circle your rating:</p> <p style="text-align: center;">A B C D</p>

12. PERMORMANCE			
12.1 Measurement and improvement			
A	B	C	D
<ul style="list-style-type: none"> • A quarterly process is in place to measure performance against business plan goals and objectives. Areas of performance or lack of performance are analysed and corrective actions developed • Worker health and wellbeing are included in individual performance management plans 	<ul style="list-style-type: none"> • An annual process is in place to measure performance. Actions aimed at continuing business improvement are recorded and acted on 	<ul style="list-style-type: none"> • At some stage the business performance has been assessed and improvements over the years have occurred 	<p>Not sure of business performance against previous years or other turf businesses</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>
12.2 Professional development			
A	B	C	D
<ul style="list-style-type: none"> • 2-3 workshops or industry meetings are attended each year for new updated practices and information • Turf industry updates and alerts circulated to all appropriate staff • Strategies included in business operational plan to increase the knowledge and skills of workers on living healthy lifestyles that reduce the risk or successfully manage chronic diseases 	<ul style="list-style-type: none"> • 1 workshop or industry meeting attended each year for new updated practices and information • Turf industry updates and alerts circulated to all appropriate staff • At least one annual activity included in business operation plan to increase the knowledge and skills of workers on living healthy lifestyles that reduce the risk or successfully manage chronic diseases 	<ul style="list-style-type: none"> • Have attended workshops in the past • Turf industry updates and alerts circulated to all appropriate staff • Information on living a healthy lifestyle for optimum health available to workers 	<p>Workshops are rarely attended</p> <p>No information on healthy lifestyle behaviours provided to workers</p> <hr/> <p>Circle your rating:</p> <p style="text-align: center;">A B C D</p>