ENVIRONMENTAL ACTION PLAN

for _____

dated _____

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OVERVIEW

This Environmental Action Plan has been developed to support farm activities and operations to ensure crops are grown sustainably and are managed with consideration of the direct and surrounding environment. This document will be used to support the Environmental Action Plan Assessment that has been undertaken by the farm.

Environmental issues will be identified and actions implemented to minimise the risk. Where possible, actions will be taken to improve on environmental values.

This action plan will be communicated to all relevant staff. Individual action items will be assigned to worker/s responsible for ensuring the action is completed or progressing within the appropriate adopted time frames.

This document and the action items will be evaluated at least once annually including a review, progress or outcome status, followed by plan changes. Progress and completion of outcomes will be documented throughout the year.

MESSAGE FROM OUR MANAGEMENT

The management of this farm actively works to improve environmental outcomes on the property and the surrounding environment through best practice management activities.

We are committed to leading by example to ensure all employees on this farm adopt the same level of commitment to improved environmental outcomes.

We aim for continued improved management through an adaptive management cycle: plan, do, check, review.

We will align our practices with environmental quality assurance programs and best management practice and conduct a review of our action plan annually.

Our farm is committed to improved environmental outcomes and we lead by example

LAND AND SOIL

Our farm chooses soil conservation and crop production practices that minimises soil degradation, erosion, compaction and contamination. For environmental and production purposes, we aim to optimise organic matter and fertility of the soil. Areas on our farm that are or are susceptible of being contaminated, eroded or highly degraded have been identified and will be managed to minimise further degradation or loss to the environment. Our farm will put in place remediation activities to improve the land and soil.

No. 01 — Degradation

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Compaction

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Erosion

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Contaminated soil

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

BIOSECURITY

Our farm implements a biosecurity management program including monitoring crops, land and environment for the presence of weeds, pests and diseases. Any unusual findings are reported to the appropriate persons/authorities (e.g. Exotic Plant Pest Hotline 1800 084 881). We minimise the risk of biosecurity threats by restricting property access and through a "come clean, leave clean" policy for all staff and visitors. Our farm is actively looking for ways to improve biosecurity practices

No. 01 — Weeds

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Pest animals

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Diseases

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Biosecurity Threats

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

CHEMICALS

Our farm considers all available methods of pest and disease control before chemicals are implemented in a control program to minimise risk to the environment. The type of chemical and method of application are chosen with regards to minimising the impact on biodiversity and surrounding environment. Chemicals are stored in a secured area, kept clean and tidy and are registered on a chemical inventory. Workers that have access to chemicals have undertaken appropriate training for their activities.

No. 01 — Managing chemical use/type

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Chemical storage

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Chemical handling and application

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Spray drift

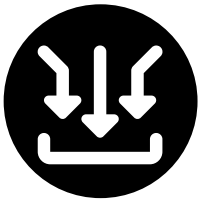
Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 05 — Chemical and container disposal

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

NUTRIENTS

We implement a fertiliser and soil additive management program to maintain production, yet one that is targeted and with amounts that are appropriate for the cropping situation. We avoid fertilisers being lost to the environment by monitoring: rainfall and soil saturation, periods of drought, topography, contours or drainage and vegetation cover.



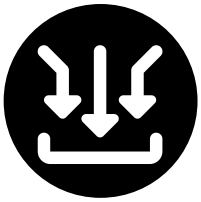
No. 01 — Nutrient storage

Issue: _____

Actions:_____

Worker Responsible:_____

Timeframe:_____



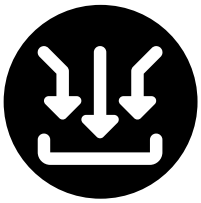
No. 02 — Nutrient type, timing and rate

Issue: _____

Actions:_____

Worker Responsible:_____

Timeframe:_____



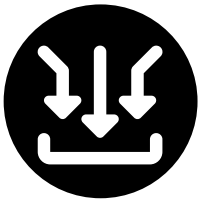
No. 03 — Nutrient placement

Issue: _____

Actions:_____

Worker Responsible:_____

Timeframe:_____



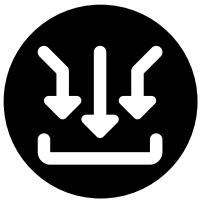
No. 04 — Nutrient storage

Issue: _____

Actions:_____

Worker Responsible:_____

Timeframe:_____



No. 05 — Equipment care and calibration

Issue: _____

Actions:_____

Worker Responsible:_____

Timeframe:_____

WATER

Water source, use volumes and methods of application are selected to be the most efficient. Consideration is given to the prevailing weather conditions, future weather forecast, soil condition, age or cycle of the crop. We aim to reduce water use, water runoff and the contamination or sedimentation of water that discharges from the property.

No. 01 — Application/irrigation methods

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Irrigation infrastructure

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Re-using water

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Water supply

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 05 — Water use efficiency/crop uptake

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

BIODIVERSITY

Our farm improves biodiversity through healthy soil ecosystems, native vegetation and clean waterways, encouraging native wildlife such as birds, mammals and invertebrates to inhabit the property. We reduce threats to biodiversity by managing feral animal and pest incursions, environmental weeds and diseases. Our activities are developed in line with regional biodiversity priorities.

No. 01 — Loss of biodiversity

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Regional significant biodiversity

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Protected species or land

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Feral animals

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 05 — Invasive species

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

WASTE

We aim to reduce the waste generated on our farm through: avoid, reduce, re-use and recycle, consumable goods and materials. Waste produce and redundant crop vegetation will be mulched and spread as compost into the soil. We will ensure waste that is stockpiled (prior to disposal) on our property is secure and does not move into the surrounding environment or waterways. Management will annually review what waste is being produced and find ways to change processes to avoid, reduce etc.

No. 01 — Packaging and other materials

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Chemicals (fertilisers, pesticides etc)

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Waste vegetation and produce

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Tyres, oil, batteries (controlled waste)

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 05 — Chemical containers

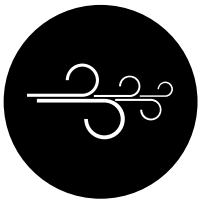
Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

AIR

Our farm considers the impact our activities have on air pollution and environmental nuisance. We are considerate of neighbouring properties and the natural environment and manage potential impacts through our Air Quality Management Program.

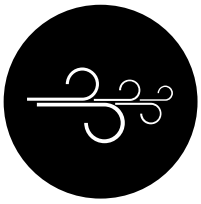
No. 01 — Odour

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____



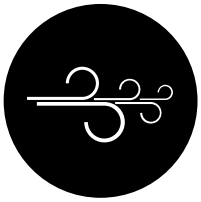
No. 02 — Smoke

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____



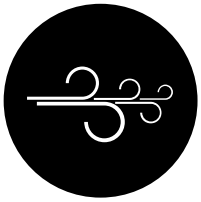
No. 03 — Dust

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____



No. 04 — Noise

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____



No. 05 — Light

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

ENERGY

Our farm is committed to reducing the contribution to green house gas emissions. Records of the use of energy and fuel on the farm is reviewed annually with a view to reducing usage and emissions where possible. Renewable energy and energy efficient appliances, machinery, equipment and vehicles will be chosen where appropriate to replace older inefficient items over time. Storage of fuel is kept in a a safe a secure area with appropriate procedures in place for in the event of an accidental spill.

No. 01 — Fuel usage

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 02 — Vehicle movements

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 03 — Carbon emissions

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 04 — Fuel storage

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

No. 05 — Electricity usage

Issue: _____
Actions:_____
Worker Responsible:_____
Timeframe:_____

REVIEW

The following is a 12 month evaluation of the planned progress. Has the farm worked as planned to minimise or eliminate risks? Where progress has not been achieved, changes to targets and dates will be made.

Key Indicator	Activity / Project	Outcome

ASSESS

Over all, how did our farm progress with planned environmental actions?

- ○ Exceeded planned expectations
- ○ Achieved planned expectations
- ○ Working towards
- ○ Needs improvement

Comments