



GroundspreadNZ AGM

July 2024



Spreadmark Code of Practice update



Mandate?

- **Reduce size of current COP from 152 to ~ 20-30 pages**
 - Combining ground and aerial sections
 - Links to material on website – own and others; and
 - Booklets dealing with administrative and technical material
- **Address environmental impacts of spreading fertiliser**
 - Synchronise and reference newly reviewed FANZ COP
- **Reduce industry risks by aligning COP with regional and central government expectations**
- **Socialise COP with local and central government**

Who's Involved?



Who's Involved? contd.



Who's Involved? contd.





Who's Involved? contd.

- Production of final version of COP overseen by:
 - Anders Crofoot FQC Chair
 - Tyler Langford FQC Director
 - Tony Michelle Executive Officer, NZ Agricultural Aviation Association
 - Simon Pederson President Groundspread NZ
 - Rose Hyslop Executive Officer, Groundspread NZ
 - Peter Wood Farm Audit & Verification Services



Progress

- Agreement reached on overall structure allowing logical place for all information:
 - **1. Glossary of Terms**
 - **2. Spreadmark Procedures, Protocols, Policies and Codes**
 - *Booklet One*
 - **3. Spreadmark System Standard**
 - **4. 4 Rs Nutrient Stewardship**
 - **5. Spreading Unit Testing**
 - *Solid product – ground and aerial (Booklet Two)*
 - *Liquid product – ground and aerial (Booklet Three)*
 - *Solid product – fixed wing aerial (Booklet Four)*

Progress contd.

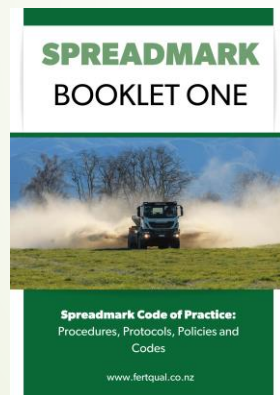


CODE OF PRACTICE

For the Application of Nutrients in New Zealand

The Spreadmark Code of Practice

Spreadmark Code of Practice Final Draft - 21 March 2024



Booklet Two

of the
Spreadmark Code of
Practice

Technical Specifications for
the Testing and Certification
of Solid Nutrient Spreading
Units

Technical Specifications for the Testing and Certification of Solid Nutrient Spreading Units
20 June 2024



Booklet Three

of the
Spreadmark Code of
Practice

Technical Specifications for
the Testing and Certification
of Conventional Boom
Sprayers Applying Liquid
Nutrient

Technical Specifications for the Testing of Conventional Boom Sprayers Applying Liquid Nutrients
20 June 2024



Booklet Four

of the
Spreadmark Code of
Practice

Spread Pattern Testing and
Certification for Fixed Wing Aerial
Application of Solid Nutrients

Spread Pattern Testing and Certification for Fixed Wing Aerial Application of Solid Nutrients
20 June 2024





Progress contd.

➤ Glossary of Terms

- Removed terms not referenced in Code or supporting booklets
- Removed terms now redundant or defined elsewhere
- Standardised language – e.g. spreading device, spreading equipment or spreading machinery
- Now all = spreading units



Progress contd.

- **Spreadmark Procedures, Protocols, Policies and Codes**
 - Procedure for Spreadmark Certification
 - Spreadmark Testers Protocol
 - Training for Nutrient Applicators
 - Spreadmark Auditor Protocol
 - Spreadmark Confidentiality Protocol
 - Code of Conduct for Advertising and Promotion
 - Spreadmark Policy on Company Mergers
 - Spreadmark Procedure for Complaints
 - Spreadmark Disciplinary and Decertification Procedure
 - **Transitional Arrangements**



Progress contd.

- **Spreadmark System Standard**
- Single Standard covers both ground and aerial
 - Management
 - Customer Needs
 - **Environmental**
 - Spreading Units
 - Operators
 - Work Instructions
 - Managing Complaints
 - Internal Audit
 - Sub-contracting Work



Progress contd.

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Progress contd.

➤ 4 Rs Nutrient Stewardship

The 4 Rs framework refers to the right product placed at the right rate, at the right place, at the right time.



- Each of the 4 Rs lists responsibility, information required, actions, documentation and competency.
- Responsibility divided between operator and “owner” (farmer/manager)
- Responsibility for right product now extends to nutrient supplier



Progress contd.

■ Spreading Unit Testing

- Solid product – ground and aerial (Booklet Two)
 - Covers aerial where moving parts involved
- Liquid product – ground and aerial (Booklet Three)
 - Conventional booms
- Solid product – fixed wing aerial (Booklet Four)
 - Spreading unit fixed – inspected when rest of plane is inspected



Transitional Arrangements

➤ Ground spreaders:

- Maintaining a system that records delegation of responsibility
- Requiring operators to provide electronic proof of application via GPS tracking
- Identifying environmental risks
- Measuring or estimating wind speed and direction
- Documenting location of buffer zones.

➤ Aerial Spreaders:

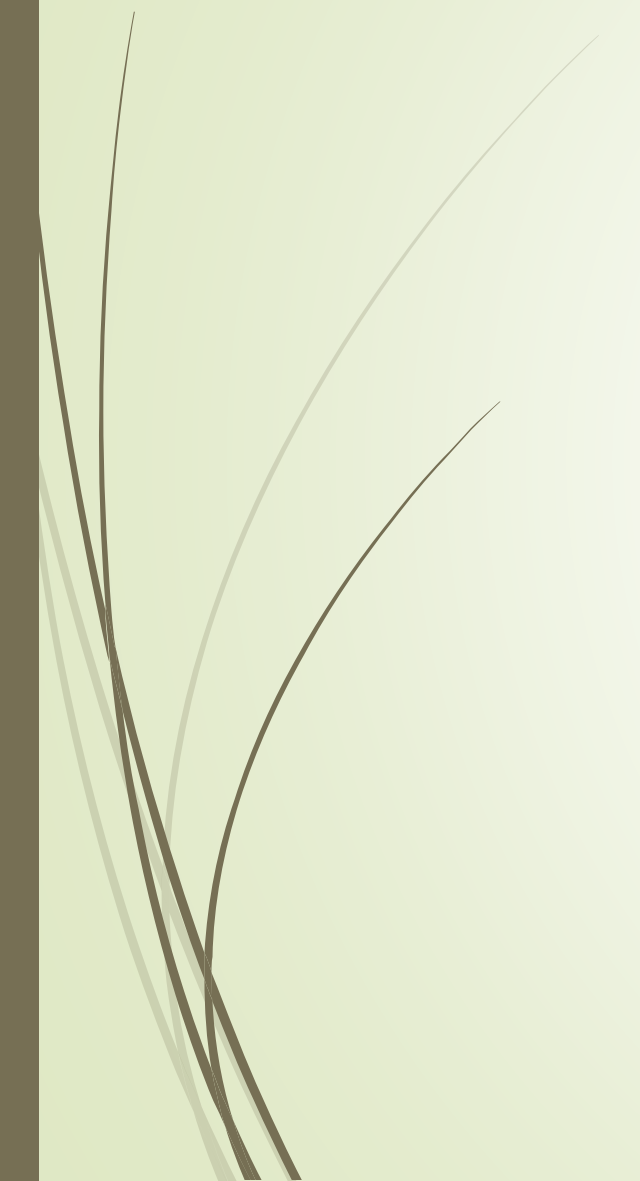
- Including the maximum spread width achieved on the Aerial Pattern Test Certificate (if required)
- Normal operating speed over collectors during test conditions
- Height above ground level during test conditions between 100 and 120 feet.



Transitional Arrangements contd.

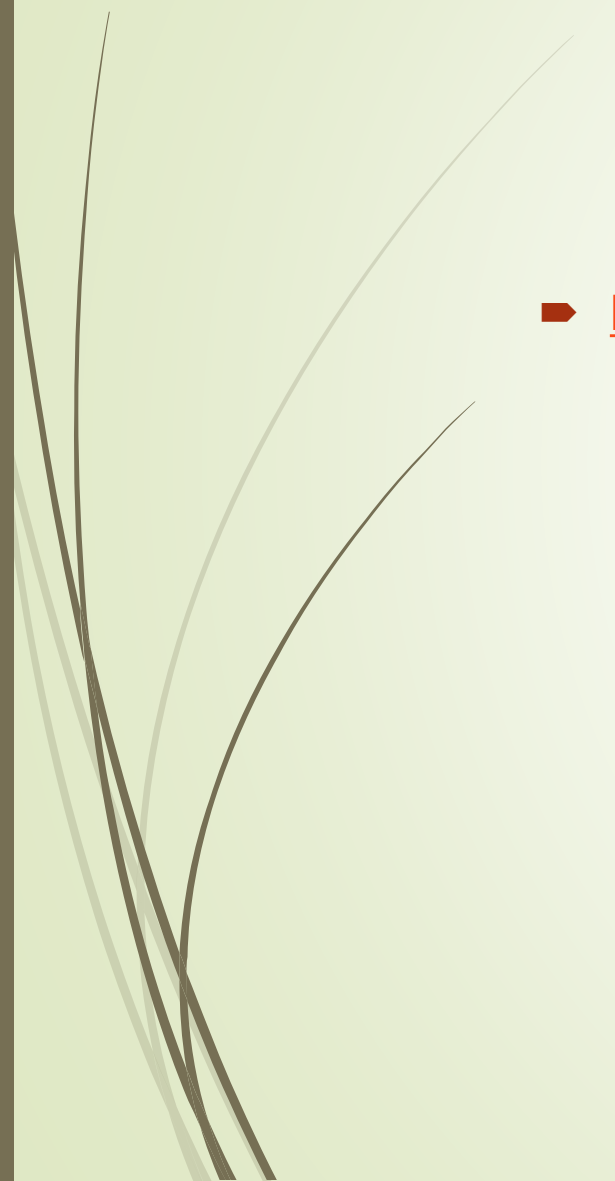
➤ **Nutrient Suppliers:**

- Recipe of all components in a mix and the ratio or percentage of inclusion. Where appropriate, this shall include a Safety Data Sheet
- Nutrient compatibility
- Identifying product precautions, storage life and any special requirements
- Ensuring all the above are clearly communicated to the operator or nutrient owner.



QUESTIONS/COMMENTS?





➤ <https://www.groundrules.mpi.govt.nz/>