PRODUCT INFO SHEET

LURE H2O

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PRODUCT OVERVIEW

The patented SACOA's ***LURE H2O®*** System delivers an innovative formulation and application method to improve early autumn rainfall penetration and retention, greatly improving crop and pasture establishment especially in hard to wet forest gravels.

SACOA's ***LURE H2O®*** improves pre-emergent weed control and leaves a water absorbent soil profile ready for the next crop.

PRODUCT POSITIONING

Non-wetting soils are a long term problem for Australian farmers with five million hectares of agricultural land affected in Western Australia alone.

An important flow on effect is that weed germination becomes staggered, meaning an increased reliance on expensive selective herbicide sprays when they germinate in-crop. This increases costs and accelerates the build up of chemical resistance by weeds. Continual crop rotations and inherent chemical and physical soil characteristics are the two key causes of non-wetting soils.

Other soil types have problems with their chemical and physical characteristics, which influence the soil's ability to readily accept absorption. These soils, such as forest gravels, often experience poor or staggered crop and pasture seed germination. The issue of non-wetting soils doesn't just influence crop establishment. Dormant weed seeds like wild radish and annual ryegrass take some time to germinate, often weeks after the crop has emerged.

These late, or "staggered", germinating weeds are becoming increasingly difficult to control with Post Emergent applications of herbicides. The goal is obviously to have the vast majority of weeds germinate before seeding to allow reliance on the more effective early knockdown herbicides.

PRODUCT FEATURES AND BENEFITS

The concept behind SACOA's ***LURE H2O®*** is to deliver two fold benefits:

- **Reduce in-crop weeds**
  SACOA's ***LURE H2O®*** encourages early weed germination, luring them to the surface so they can be controlled by knock-down herbicides.
- **Improve water retention throughout the growth of the crop**
  SACOA's ***LURE H2O®***'s positive effect on the soil profil continues through seeding and crop maturation by reducing the negative effects caused by runoff and lack of water retention. ***LURE H2O®*** also reduces any leaching of nutrient and pesticides from the root zone.

For more information
www.sacoa.com.au or
call 08 9386 7666

- Australian owned
- Specialist company
- QA manufacturing
- National distribution
- Full product support

SACOA

CRITICAL INFORMATION

PRODUCT TYPE
Soil Surfactant

ACTIVE INGREDIENTS
Polyalkylene Glycol / Alkyl Non-Ionic/ Anionic Surfactants

USE RATE
10 - 20 L/ha

PACK SIZES AVAILABLE
20 L
200 L
1000 L

USER GUIDE

Applied by boom spray to bare earth prior to opening rains making certain product comes into contact with a minimum of 90% soil surface area. (Avoid spraying on areas of heavy stubble or grass residue if using low rates.). It is critical to ensure a rainfall event <15mm precedes cultivation to enable Lure to treat the hydrophobic soil profile prior to soil disturbance.

PRODUCT PERFORMANCE

The tracking data at 5cm depth shows a marked improvement in rainfall capture into the soil on the ***LURE H2O®*** treated areas. This consistent moisture on the top 5cm of soil reduces staggered plant germination and aids weed control by increasing the effectiveness of knockdown and pre-emergent herbicide applications.

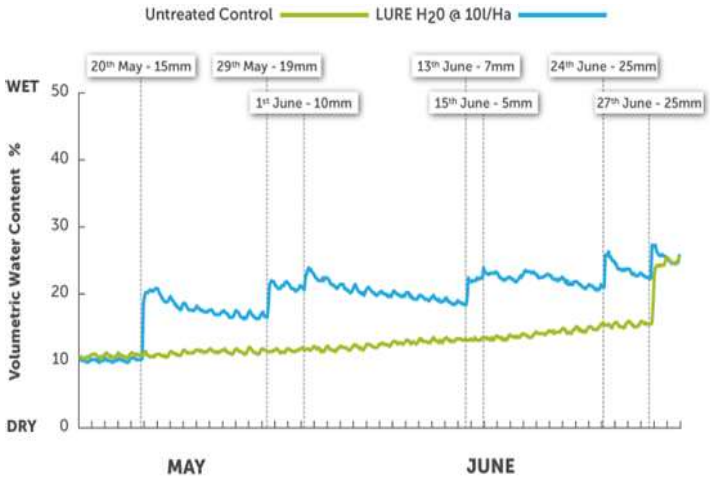

Image 1: Volumatic Water Content. Brookton, 2011

Image 2: Capture the rain where it lands and bank the mositure. The Lure H2O treated strip in the centre show excellent rainfall penetraion after 15mm of rainfall.
Brookton, 2011

PRODUCT COMPATIBILITY

Due to the viscosity of SACOA's ***LURE H2O®***, it has the potential to be slow to pump, particularly in cold conditions. This can be overcome by pre-diluting with water at a ratio of 1:1 at the warmest part of the day. This mixture can then be stored for up to 4 weeks with minimal separation. Aggressive agitation after storage is recommended.