



EYE FOSS – PAN PAC
INTER COMPANY
COLLABORATION
**EMERALD
GRAIN**

REIMS, FRANCE
March 2016
STEPHEN BUICK



The Emerald Network

Emerald Grain is one of the largest grain marketing and supply chain businesses in Australia.

Our Reach

At Emerald Grain, our purpose is to **support Australian grain growers** and their communities.

Our network extends to all key grain growing regions of Australia with a network of grain merchants located close to growers in regional areas.

Through our grain marketing network, we have access to quality grains and oil seeds from around **10,000 farming families**.

We have a network of up-country storage and handling facilities in Victoria and New South Wales with an overall **capacity of 1.5 million tonnes**.

We own the **Melbourne Port Terminal** and have a joint venture partnership for a new terminal at **Port Kembla**.

We export grain from around **17 grain terminals** across Australia to 35 countries across the globe.

We are owned by Sumitomo Corporation of Japan, one of the world's largest diversified trading houses with offices in **60 countries worldwide**.

PAN PAC EYEFLOSS

**Collaboration in
Australia**

THE COLLABORATORS



What this means

- The company's listed are commercial competitors in the Australian Marketplace. The EYEFLOSS project is seen as a significant progression in process/methodology currently applied to grain classification.
- All parties have agreed to approach this in a pre-commercial arrangement thus allowing information, experience and data to be shared freely for the benefit of the industry and grain growers.

The Crop Spread 15/16

- Wheat 25,000,000 t
- Barley 9,000,000 t
- Canola 3,000,000 t
- Sorghum 2,000,000t

Australia is traditionally a Wheat/Barley producer and although other crops are being brought into the landscape Wheat and Barley are our initial focus for the EYEFOS.

Our Current Agreed Priorities

- The pros et cons for focusing mainly on contaminants as against defects were debated. On the one side defects, on balance, are the more important; oppositely they are also far more demanding to develop mainly due to differences between the participating companies in visual interpretation of the classes (witness the problems with harmonizing dorsal skinned in malting barley)
- As a compromise it was decided to try and complete approx. six classes in both wheat and barley. The starting point would be mainly contaminants but one defect class would be included as well for each crop type. Some of the classes chosen are already nearly completed, but may not have been validated by all the participants. The short-list to begin with is as follows:

BARLEY

- Skinned (both dorsal and ventral)
- Wheat
- Wild oats (single and double)
- Oats
- Ryegrass
- Screenings (2.2 and 2.5 mm)

WHEAT

- Black point
- Barley
- Wild Oats (single and double)
- Oats
- Ryegrass
- Screenings

Drivers

- For the participants what are seen as some of the keys benefits
- Removal of subjectivity for current manual assessments
- Consistency and repeatability
- A visual inspection record of assessments to aid in dispute resolution.
- A reduction in level and volume of staff requiring training

From this to this



Acceptance /Compliance

- Grain Trade Australia – Standards Committee
- The body who reviews and provides the classification standards for the Australian Industry, as all parties have representation on this a focus on harmonising many grain parameters across commodities will assist in progressing to industry adoption of the technology.
- Grain Trade Australia – Sub Committee –Technology
- Is also well up to speed with progress in this area and have commenced discussion with the Regulator (National Measure Institute) around commercialization and certification for trade related topics as well.

A close-up photograph of a wheat field, showing the intricate details of the wheat stalks and heads. The image is overlaid with a dark blue, semi-transparent filter, which makes the colors appear muted and gives the overall scene a somber or professional tone. The text is centered in the upper half of the image.

THANK YOU

QUESTIONS?