



HARVEST CLEAN NEWS

March 2006

GEBERT®4 COMPLETED TRIALS IN THE WHEATBELT MARKED 'A SUCCESS'

Over the last couple of weeks during the 2005 harvest, David Gebert, designer and builder of the Gebert 4 grain cleaner by Harvest Clean, has been performing field trials in various parts of the Wheatbelt on barley and wheat.

Trials were conducted on volunteered farms in Nungarin and in Muntadgin where frost affected crops had been reported in the region. The Gebert 4 was demonstrated to a number of farmers from around the surrounding region whilst in their harvesting program.

The outcome of these trials found farmers impressed with the quality of the grains once processed through the

Gebert 4. Dirty samples of wheat and barley have been successfully cleaned to higher than expected levels for grain delivery standards. Comments such as 'this sample is far too good for receivals' was raised at the conclusion of the demonstration, indicating that the through-put seeds could be further increased. This was very encouraging to Mr. Gebert who estimated the speed of the grain throughput was only around 25 tonne per hour indicating there was plenty more room to gear up the machine if needed.

Mr. Gebert states he was very pleased with the results and was even surprised himself to see that besides small grains, ryegrass and wild oats being

separated, the high quantities of items such as small straws and broume grass were successfully separated from the good grain, ending up in the seconds auger.

Trials also provided Mr. Gebert with other good suggestions on what to adjust and to include in the 2006 range of products by Harvest Clean.

Mr. Gebert stated he will be concentrating on the already underway 'scalping' adoption programme to the Gebert 4 and the new entry level Gebert 2. Mr. Gebert is striving for this system to be introduced to the public at Wagin Woolorama in 2006.



Gebert 4 working in paddock



Before



After



www.harvestclean.com.au

From the Factory Floor.....

Welcome to the first edition of the Harvest Clean News. The aim of this newsletter is to keep our valued and potential customers informed about what is happening in our organisation.

Last year, Harvest Clean had a very busy period gearing up our new Moora factory for the full scale production of grain cleaning products, commencing with the completely newly designed "Gebert 4". The Gebert 4 offers what I believe farmers have been asking for from the manufacturers for a number of years now. The opportunity had arisen for me to start out without any restrictions on my design work, this provided me with complete flexibility in shaping and revolutionizing the grain cleaner product to reflect the 21st century.



David Gebert

The Gebert 4 was released at Dowerin Field Days last year and was also at the Mingenew Expo and found a pleased audience. The Gebert 4 was not developed overnight. I have been in the grain cleaning business for almost 20 years with uncle, Ted Gebert of Merredin who was the first manufacturer in WA to make a grain cleaner that served a purpose.

"I decided to start from the 'ground up' and give the grain cleaner a new image ready for the needs of the next generation of primary producers. This included starting my own business name, branding my name on the product and relocating to Moora in a brand new purpose built factory".

The Gebert 4 was fully tested in the 2005 harvest in the central wheatbelt and consequently the new 2006 model will reflect further modifications and further evolution of the product. Some of the pictures from these trials can be seen on the harvest clean website, www.harvestclean.com.au

Harvest Clean in 2006 will extend their stable to a smaller entry model into the market called the "Gebert 2" which will be released in the middle of the year. Some of the additions to this product will also be added to the 2006 Gebert 4 such as the "scalping" and hydraulic drives but on a larger scale, catering for larger farms.

It has also become evident that primary producers want more flexibility in their product and without saying too much, development is underway to deliver this to the market on the Gebert 4. This development will provide the grain producer with intergration on their Harvest Clean grain cleaner with some of their existing farm machinery. So stay tuned to see what this is all about.

I consider that communication with busy clients is absolutely a necessity to assist with grain cleaning solutions. To achieve this I consider our website www.harvestclean.com.au the best medium for this purpose, so please ensure you place this on your favourites. I assure you this website will be updated on a regular basis. This is my commitment to you - to keep you up to date and provide information about what is important to you in the value adding to your business.

**FOR COPIES OF THIS NEWSLETTER AND FURTHER ADDITIONS, PLEASE CONTACT ME ON
043 84 13 182 OR email. gebert@harvestclean.com.au**



FIELD DAY DATES

**DOWERIN FIELD DAY -
29—31 August**



**NEWDEGATE MACHINERY FIELD
DAYS -
7—8 September**

**MINGENEW LIONS MIDWEST EXPO
21—22 September**

HARVEST CLEAN SCREENS

Available in multiple sizes for

**Wheat Barley
Canola Lupins**

CAN BE MADE TO SUIT ALL MACHINES

Luscious Lupin Carrot Cake



Ingredients

$\frac{3}{4}$ cup oil, 1 cup white sugar, 3 eggs, $\frac{3}{4}$ cup self raising flour, $\frac{1}{4}$ cup lupin flour, 1 tsp bicarbonate of soda, 2 tsp cinnamon, $\frac{1}{4}$ tsp salt, 2 large grated carrots, $\frac{3}{4}$ cup chopped walnuts, Cream cheese icing; 250 G cream cheese, 2 cups icing sugar, tsp lemon juice

Preparation time

30 mins, baking time

40 minutes in conventional oven

12-14 minutes in microwave

Instructions

Beat oil, sugar and eggs until well combined, add sifted flour, bicarbonate of soda, cinnamon and salt. Fold in carrots and walnuts. Pour into a 20 cm greased cake dish. Bake for 40 mins at 175 degrees celcius or until cooked, or microwave for 12 –14 minutes on medium-high, allow to stand for 5 mins before turning out. Cool before icing. For icing, beat cream cheese until smooth, add icing sugar and lemon juice and beat until smooth.

As with wheat products, some people are allergic to lupin protein.

Source: Jenny Garlinge, PulsPak, Agriculture Western Australia, Grains Research and Development Corporation



Hydraulics now on Harvest Clean Products

The Gebert 4 was designed with simplicity in mind in an attempt to do away with complex configurations of belts and pulleys which saw the concepts of reduction gearboxes, shaft drives and chains and sprockets being introduced.

We understand that minimal breakdowns and relying on a small time frame demands that your cleaner is quick, efficient, reliable and cost effective. This is why we have now developed for this season the Gebert range of cleaners with hydraulics.

So why hydraulics, are they not expensive? Well no, not really when you factor in the cost of labour in a mechanical process. Designer and builder, David Gebert has heavily researched the process and is now in a position to offer this on his range of Gebert machines.

The advantages of hydraulics include a very important factor these days and that is safety. With the increasing responsibility on primary producers to provide a safe workplace, hydraulics can provide a safer product alleviating the potential for catching clothes on moving parts which can easily cause personal harm, at present guards are the only line of defence.

In addition hydraulics give the option to alter rotor speeds and so help better clean certain grains.

Another important factor is the issue of versatility. There are minimal moving parts and can be adapted for the working environment with other products in the workplace such as tractors or driven via the dedicated motor.

So now the Harvest Clean range of products can now deliver a grain cleaner that is still cost efficient.



ADVERTORIAL

WHEATBELT BOOMING ALONG WITH THE REST OF THE STATE

We often look at the Wheatbelt as the disadvantaged, the ones that miss out, a harsh and difficult environment to live in. Well guess what, that is foreign to a lot a newcomers to the State of WA. Statistics state that along with the rest of WA we are growing and real estate cannot get enough stock.

So why the change? Well one can only surmise that its because housing is so cheap, the lifestyle is so laid back, people are friendly and create the community spirit for good family life and security . The distance to the city (if you need to go) is short, not congested and easy to get to. Some call it the 'tree change'.

The standard of housing in the Wheatbelt can be bought at a fraction of the cost . For example a two storey commercial heritage building similar to ones in Perth's elite inner city shopping strips bought for around \$ 250 000, not seven figure sums. You get living quarters, business premises right in the middle of a regional centre such as Merredin on the Great Eastern Highway, which includes a fast train to the city if required. It seems the Wheatbelt has been the best kept secret up to now, however now investors from places such as up north of WA and the eastern seaboard are snapping them up to either live in or just use as an investment.

The author suggests readers should seek their own professional advice before considering buying or selling.

See Picture next page.....



Harvest Fires and Hot Bearings

Recently a number of publications have discussed some of the causes of harvest fires, namely worn bearings, belts and chains. Products are on the market that may help in prevention such as the useful handheld laser guided device that can read the temperature of any heat created by friction such as components as bearings and gives a readout of the temperatures. Could this be a handy device to keep in your farm vehicle in the future?

Lightning strikes....does lightning strike the tallest object? Lightning is attracted to the best conductor on the ground, which isn't always the tallest necessarily. It could be you!

An example of real estate for sale in the Wheatbelt



Maple House, Merredin
For enquiries call Natalie Cook, Landmark tel.9041 1066

SOME SAFETY PROMPTS ON.....MACHINERY

Guards left on > No riding on mobile equipment > Keep children away
> Noise > Automatic cut outs > Working alone not best practice >
Mobile phones/CB's nearby > Electrics/cords



FAQ's...

This begins a series of questions asked of Harvest Clean of their Gebert range of products

- Can you get ergot out of wheat or barley? **Yes**
- Can you get wild oats out of barley? **Yes**
- Can you get lupin pods and straws out of lupins? **Yes with the scalping option.**
- With scalping, can you get the majority of green radish out of wheat and barley crops? **Yes and you cannot get green radish out with indents.**
- Can ryegrass be taken out of wheat and barley? **Yes**
- Can small grain be taken out of wheat and barley? **Yes**
- What are indents primarily used for? **Primarily removing wild oats from wheat.**



HARVEST CLEAN
BIG • STRONG • FAST

www.harvestclean.com.au