

# THE PULSE pod

POD 2 - SEPTEMBER 2014



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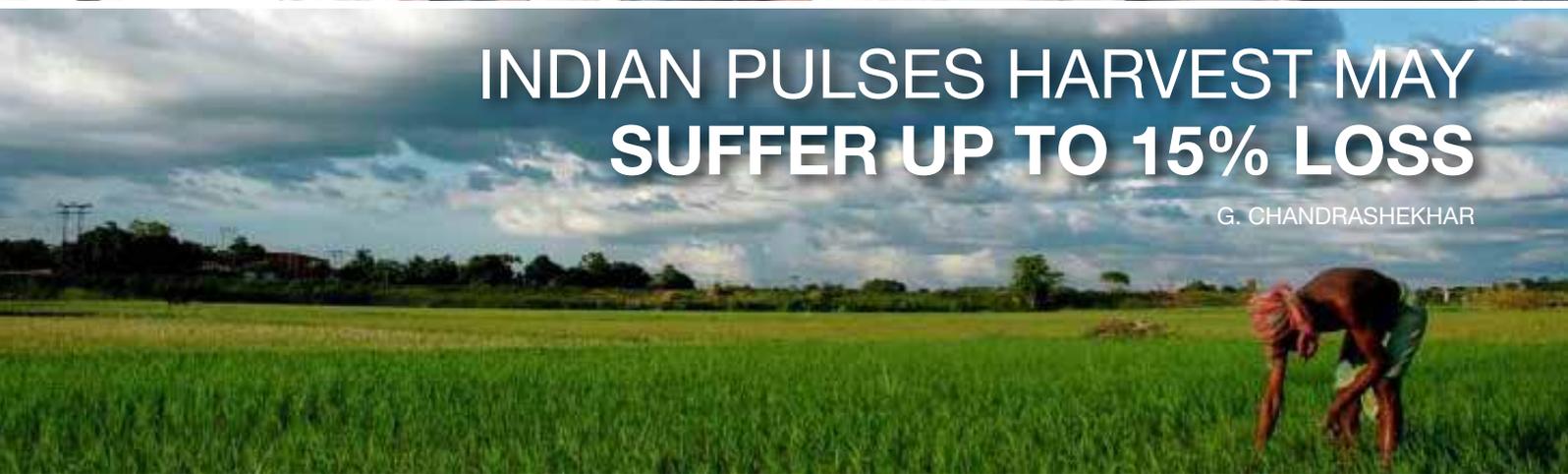
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INTERNATIONAL YEAR OF **PULSES 2016**  
**NOW is the time...**  
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**Sponsorship Categories**  
**FOR CICILS 2015 WORLD PULSES CONVENTION**  
April 12-15, 2015 Caesars Palace, Las Vegas, USA

**TECHNICAL ANALYSIS:**  
CHANA FUTURES PRICE OUTLOOK

# GAFTA INTERNATIONAL PULSES COMMITTEE

BY MILAN SHAH

(Recently retired as Chair of Gafta's International Pulses Committee, Milan Shah gives an overview of the association's activities in the pulses trade. He is succeeded by Dan Burneski.)

The Grain and Feed Trade Association (Gafta) is a 1400 member strong trade body focused on the trade in cereal crops, such as wheat, rice, maize and soya (which, botanically, is a pulse!). Whilst tracing its roots to London in 1878, where it still maintains its headquarters, Gafta has a presence in Kiev, Beijing and Geneva with its membership spread across almost ninety countries.

The global trade in pulses has long been the little brother of that in cereals, with many members trading both agri-produce types. Recognising that its range of services to the cereals trade could be of equal utility to the pulses sector, Gafta launched its International Pulses Committee a few years ago to help tailor the proposition.

Gafta is most directly visible to the pulses trade when contracts are formed, which often refer to Gafta terms or arbitration. Merely mentioning Gafta may not be sufficient per se to incorporate a particular set of trade terms into the agreement between the parties. Instead it is always preferable to refer specifically to the relevant Gafta contract number. Whilst the majority of Gafta contracts are for bulk loads, contracts 88 and 89 focus on CIF and FOB terms in relation to containers. An ex-store contract 90 is also under development, prompted by feedback from the pulses trade.

The threat of arbitration can be helpful to ensure contractual obligations are respected and on occasion threats must be backed up. Gafta sees a steady trickle of pulses related cases; some settle, others proceed to award. Whilst the New York Convention ensures widespread enforceability of awards, this should not be taken for granted and choice of counterparty remains important as in all trades. CICILS is a useful forum within which to research reputation within the trade. The expert knowledge of brokers can also be useful in this context.

Gafta maintains a rolling calendar of training and events opportunities delivered globally. Whilst this does not yet include any offerings tailored to the pulses trade, it is clear that there is an appetite to gain a better understanding of the mechanics of contracts and arbitration and the pulses committee hopes to deliver on this front soon.

Similarly, much of the quality assurance machinery that Gafta has developed has yet to be applied to the pulses trade. Gafta maintains global registers of superintendents and analysts as well as a quality certification scheme for parties at various stages of the agri-produce value chain. The pulses trade need not reinvent the wheel.

Perhaps Gafta's most significant recent contributions to the pulses trade have come from a less visible quarter, the trade policy team. When anomalous EU maximum residue levels for the pesticide glyphosate risked seriously disrupting the lentil trade into Europe, Gafta was able to assist the pulses trade in articulating its case to regulators to find a sensible solution. Recognising that glyphosate is just one of many pesticides with varying tolerances across jurisdictions, Gafta initiated its own primary research to establish other such anomalies across the range of pulses so that the trade might be more pro-active before the next such crisis. Similarly, in promoting the cases for free trade but lacking any database of trade distortions in the pulses sector, Gafta made a start on collating its own anecdotal feedback on import or export restrictions as a foundation for informed lobbying. Finally, Gafta was very pleased to lend its weight behind CICILS' excellent International Year of Pulses 2016 proposal via the FAO to the UN.

With a depth of experience across international trade in agri-produce, Gafta remains at the service of the pulses trade.



"Left to right: Milan Shah, Chair (retiring) , GAFTA International Pulses Committee; Hakan Bahceci, President, CICILS, Andrew Jacobs, Chair, International Year of Pulses 2016 UK Working Group; Gavin Gibson, Executive Director, CICILS".

September 2014

## FROM THE PRESIDENT'S DESK



Dear Members

As 2014 draws into its final quarter I look back on the year to date with the greatest pleasure and pride in the global pulse industry and the way in which you have embraced our future plans, especially the International Year of Pulses 2016. In the short time since we last met in Cape Town there are already national IYOP oversight sub-committees in 29 of our member countries.

These groups have begun working to develop local projects to tie in with the five international themes that were presented at the South African convention. I am very excited to say that we have already recruited participation from leading scientists, food policy experts, and members of the pulse value chain, with more to come. Our stakeholder relations team is doing a great job.

Work plans for all the IYOP theme areas are due for completion by their five committees by 15th September and will be reviewed by the Oversight Committee in October with a view to having the first wave of projects approved in conjunction with the Executive meeting in October. These will ultimately be co-ordinated with FAO when the UN committee is struck.

One exciting project is a British initiative develop a teachers' tool kit to promote IYOP 2016 to upper primary children aged 8-11. The design consultants have been instructed to develop a kit which can be easily translated and adapted for use by schools in any country and an international team is providing input. It will include general background information (for teachers) on pulses; specific background information (for teachers) on IYOP and six lesson plans (schemes of work) for teachers to implement within their classrooms along with accompanying action sheets for the children.

A special commendation is due to the British group spearheaded by Andrew Jacobs for being first "off the ground" with a very positive activity!

On another note, you will no doubt by now have seen that we have commenced implementation of the revised CICILS name and logo which was agreed in Cape Town. The official name of

the company will now be Global Pulse Confederation with the logo being a yellow oval with the word CICILS in it. Although the acronym IPTIC has been dropped we will however for the time being retain the longer name International Pulse Trade and Industries Confederation for all legal purposes.

My term as CICILS President will finish following the General Assembly at the 2015 convention in Las Vegas at which time the Executive members will vote to elect a new President and Executive Vice President. Under the CICILS bylaws, there will also be some changes to the general membership of the Executive as some members retire having reached their maximum terms.

We will be publicly calling nominations for seats on the Executive (based on the rules contained in the bylaws) following our next meeting which will be held to coincide with the SIAL Food Fair in Paris on 17th October.

In the meantime if there is anything you, our members would like to have raised on the agenda for the next Executive meeting can you please send details by brief email to the Executive Director at ggibson@pulseaus.com.au

Most importantly, I would also like to remind you all that visas for the USA can take a very long time to issue for residents in some countries. I urge you to make urgent contact with your local USA embassy to discover what is required for your own particular circumstances and make sure you have the application process underway as soon as you possibly can.

The Las Vegas convention promises to not only be an important networking event but it will also be a fantastic opportunity for you all to get directly involved in the unfolding excitement that the IYOP 2016 brings with it. We would hate anyone to miss the opportunity because of a delayed Visa!!

I wish all our members good health, and look forward to hearing from you at any time and especially to seeing you all again next year in Las Vegas.

**Hakan Bahceci**  
President

# INTERNATIONAL YEAR OF PULSES 2016

**“NOW  
IS THE TIME...”**

At the invitation of Pulse Canada, 14 people gathered at the Leo Burnett offices in Chicago recently. The group encompassed all sectors of the pulse industry; growers processors, traders, ingredient manufacturers and end users. Attendees represented the Global Pulse Confederation (AKA CICILS), the American Pulse Association and Pulse Canada.

This broad-based group came together for two days to imagine, dream and align strategy on the promising future of pulses.

This is not the first time high level industry members have gathered together around a common goal. Not very long ago, GPC President Hakan Bahceci, inspired many of these same people and others to help make the International Year of the Pulse a reality.

Now, the work done at Leo Burnett is the foundation needed to develop messaging that will resonate globally with all consumers of pulses.

We have an opportunity to define the message, to coalesce our energy and excitement and create an awareness of the International Year of the Pulse that will help the entire industry worldwide. The following ideas are something our group believes; we live and breathe it. This is our manifesto.

**It is time.** Time to rejuvenate the industry; to shift from a market share war to volume expansion – increase demand, increase consumption. Time to go from a quiet, humble food to, dare we say, a Superfood.

**The time is now.** Now, we have the support from the United Nations. Now, the trends are in our favor. Now is the time to leave behind the baggage and birth a new category. A category that speaks to the times... Natural. Healthy. Non-allergenic. High Fiber. Vegetable Protein. A sustainable food for sustainable energy.

**For Asia, Africa, the Middle East, Europe, Oceania and the Americas, For the world. The time is now.** Never has there been a food so well primed for the health of the world. And for the future of a growing industry.

**It's our time...** For focus For commitment For involvement For investment For rewards “For two of every four products on the grocers’ shelf to contain pulses --- “ Hakan’s dream

#### **For Pulses.**

The next step uses the same group to develop the message that can be used on a worldwide platform for IYOP. The group will work with Leo Burnett creating a communication plan that can be shared with all of the GPC’s National committees in 29 different countries, eventually reaching all corners of the globe.

Building further on President Bahceci’s dream, creating awareness as one part of the five thematic areas of the International Year of the Pulse.



BY CINDY BROWN  
CICILS EXECUTIVE MEMBER

# Mungbean & Chickpea RESEARCH FOCUS

BY CINDY BENJAMIN, PULSE AUSTRALIA

Research at Queensland University of Technology (QUT) focussed on improving competitive advantages for Queensland’s mungbean and chickpea growers is gaining ground. At a recent Australian Mungbean Association (AMA) meeting industry stakeholders toured the QUT facility and AMA president Rob Anderson was impressed with the variety of work being undertaken.

Led by Professor Sagadevan Mundree at the Centre for Tropical Crops and Biocommodities and funded by a \$4.8 million State Government research grant, the work is leading the way in genetic crop improvement (breeding, pre-breeding, biotechnology), improving drought and heat tolerance of tropical pulse varieties and enhancing disease resistance and farm management practices.

“Some of our research will have immediate impacts on the mungbean and chickpea industries in Queensland while the benefits of other projects will be realised in the short to mid term,” said Professor Mundree.

A promising project that may deliver immediate benefits to growers is a chemical pre-treatment of seeds that has proven successful in tissue culture and glasshouse trials. A field validation of the treatment of mungbean seeds has been completed over summer and a similar trial with chickpeas is being planted this winter.

“Until all the data is analysed, we are being very cautious but the seed treatment does seem promising and, if validated in the field, could possibly be commercially available to industry for next season,” he said. “The aim of the seed treatment is to improve root growth and extend the root–soil interface so the plants can access more of the available moisture and nutrients. “This technology has been used for many years to assist plant establishment in forestry and mine rehabilitation situations and has important implications for yield and reliability of pulse cropping in adverse seasons.”

Professor Mundree said the researchers were currently analysing data following the mungbean harvest at the Hermitage Research Facility and will be gathering aerial infra-red imagery of the chickpea crops growing at Goondiwindi and



Photo caption: [PA-QUTMungbean.jpg] Professor Sagadevan Mundree (left) and PhD researcher Michael Dodt (front, right) explain their drought-tolerant mungbean research to Australian Mungbean Association president, Rob Anderson (front) and other industry stakeholders, including Pulse Australia’s national manager, Gordon Cumming. PHOTO: Erika Fish, QUT.

Roma over winter. Other project work under the Tropical Pulses for Queensland project at QUT will enhance the plant breeding work of the National Mungbean Improvement Program (NMIP), a joint initiative of the Department of Agriculture, Fisheries and Forestry (DAFF) and GRDC.

This collaboration will see new genomics and technology applied to mungbean to understand the diversity of recently imported germplasm and help identify traits that can be used in the breeding program for drought-tolerance, tolerance to heat at flowering and various diseases.

DAFF pulse plant breeder, Col Douglas, said that the future increases in mungbean yield over varieties such as Crystal and Jade-AU will come from combining new technologies with traditional plant breeding methods.

“Understanding the physiological processes inside the plant, or ‘how mungbeans work’ as well as access to new breeding technologies are critical for us to better the previous yield gains of Crystal and Jade-AU. We are also looking at new ways to speed up the plant breeding process,” he said.

The project is also capitalising on the computer modelling that the sorghum breeders have used very successfully at DAFF’s Plant Breeding Centre of Excellence at Hermitage Research Facility.

The Agricultural Production Systems Simulator (APSIM) assists researchers as they bring together plant breeding, plant physiology and crop agronomy to develop growing guides for farmers. Professor Mundree hopes that new varieties will be developed that are suited to more soil and climatic conditions that the current varieties and new agronomy practices are likely to be required.

“The capability of APSIM and the information from the world-first Nested Association Mapping populations provides excellent genetic data to inform the plant breeding program,” he said. “In addition to yield and adaptation traits we are also aiming to increase the nutritional value of these already protein-rich grains with increased iron content.”



# THREE “HAPP ‘E’S OF PULSES

BY MARTIN CHIDWICK OF AGRI MONDE PULSES & NORTH WEST TERMINAL LTD

## Emotional

Several years ago, I spent some days in Goa, India, sampling the delights of fine Indian cuisine, that included an array of lentils, chickpeas, beans and peas, all exquisitely carrying an array of spices, adorned in colour. I did not crave meat for one moment.

A few years before this, in a beautiful Parisian restaurant off the Champs De Elysees, I was one of four industry people who tasted the pinnacle of French cuisine. It was a remarkable and spiritually moving experience.

Roll the clock forward and I quote from The Times of India newspaper, “HOT TIP: Eccentric characters, very vivid settings, delicious haute cuisine. Eat this?” They were referencing the movie “100 foot journey”, where French and Indian cooking formed a marriage of delectable delight. On the other hand, many of us who have travelled the world of pulses consumers and producers could think of this “HOT TIP” as applying to the world we move in!

Richard C Morais, author of the book (\*), writes, “How do we, in this noisy world, find our destiny or calling, particularly when it is at odds with our family and culture? How do we find our “home” in a frenetic world where people are increasingly of mixed heritage and often moving from place to place?” His suggestion to an answer was to be found in food. Familiar, wholesome food in combination with our ever shrinking world. In the context of this publication, pulses meet the emotive criteria for many of us.

## Economic

Headline in England's Daily Mail- December 23, 2013 asked the question “Has Britain lost its taste for baked beans? Sales down Stg21m as Britons opt for higher grade foods as economy grows.” The article went on to say “This number was read as a sign of better things for the economy, as sales of tinned goods tend to go up when times are hard because they are cheap.”

Further compounding the news, The Grocer reported “Britain's off the Beans”. Hardly the type of headlines we want to see as we approach IYOP 2016.

As I reflect on this, I had the joy of welcoming a West African couple in my home recently. We were discussing pulses and food.

The husband said that when he first met his wife she would serve him rice and beans and his thought process was to ask “why are you serving me poor man's food, or prisoner's food? Her answer was...” why not, it's healthy and affordable for me”. Speaking further, the husband said, he became diabetic within his first year in N. America. “I thought I had arrived in the promise land. Everything was sugar, and I overdosed on cheap chocolate, vanilla and all things sweet, going from one convenience store, to another convenience takeaway, as we assimilated into N. American life. Quickly I realized the cost of this unhealthy lifestyle, and now regularly embrace rice and beans, and my blood sugar and diabetes is well under control, and we save more money too!” (Of course there are other economic savings in eating healthy pulses, including reducing health care costs, for state and individual.)

We need to rid the notion and axe the stigma that pulses (also referred to as ‘legumes’), are the poor man's protein. In the little book “How to be a Vegan” (Elizabeth Castoria) I quote “Lovely legumes. Maybe you have never uttered the phrase. Maybe you should. Legumes (pulses) are a phenomenal source of protein and satiety...”

## Essential

Pulses consumption in Egypt (Faba beans), Brazil (Carioca and black beans), India (Desi chick peas) and Algeria (green lentils and white kidney beans), are just four countries out of scores, where pulses are deemed essential or even staple. We should ask ourselves in this increasingly cosmopolitan world; ‘what am I missing by not understanding the essential in pulses diets abroad?’

Taking liberty with Greek philosopher, Socrates quote (substituting ‘grain’ with ‘pulses’) it could be said – geopolitically- that “no man qualifies as a statesman who is entirely ignorant of the problem of pulses”.

It is essential for governments of the world to recognize that in pulses there is a dynamic foodstuff that can meet the demands of population growth, help resolve ecosystem issues, fight climate change, enhance economic development, and be a champion driver to political ambition.

What is the true cost of food? How do pulses stack up? The closer to the plant or the ‘pod’ I get, the less of the earth's resources I am responsible for exhausting.

If I eat a bowl of rice and beans (prepared from dry), I have two ingredients. If I eat peanut butter on bread, there can be as

many as 30 ingredients involved, some of which have to do with preservatives and flavour. Again, industry and precious natural resources were utilized for my pleasure and my convenience. How do I responsibly and intelligently play my part in preparing the planet to sustain 9 billion people by 2050?

If I had the space to write I would share with the reader some insights I garnered from a young friend who went on a 30 day \$1 a day, solidarity ‘fast’. Colin lived on rice and beans, rice and chick peas, and rice and lentils. One meal a day- 44 to 85 cents per day. He writes...” I will continue now as I am, eating less than I am accustomed to, with the intention of standing in solidarity with the majority world poor; but I will not know what

it truly means to be hungry.

Even if I continued living like this month after month I would still not know how hunger, for many, is not experienced as a mere nuisance, but as a deepening fear, and a gnawing pain”. (Do we have it within us to help eradicate starvation?)

As we stand on the precipice of 2016 IYOP, I hope the reader has been challenged to support his or her own countries need to embrace pulses in the many facets that they bring to the impoverished and the “overfed”, to the undernourished soil and the depleted ozone layer, to ‘essential’ food security, ‘economic’ sanity and to the ‘emotional’ tie that unites us as people.

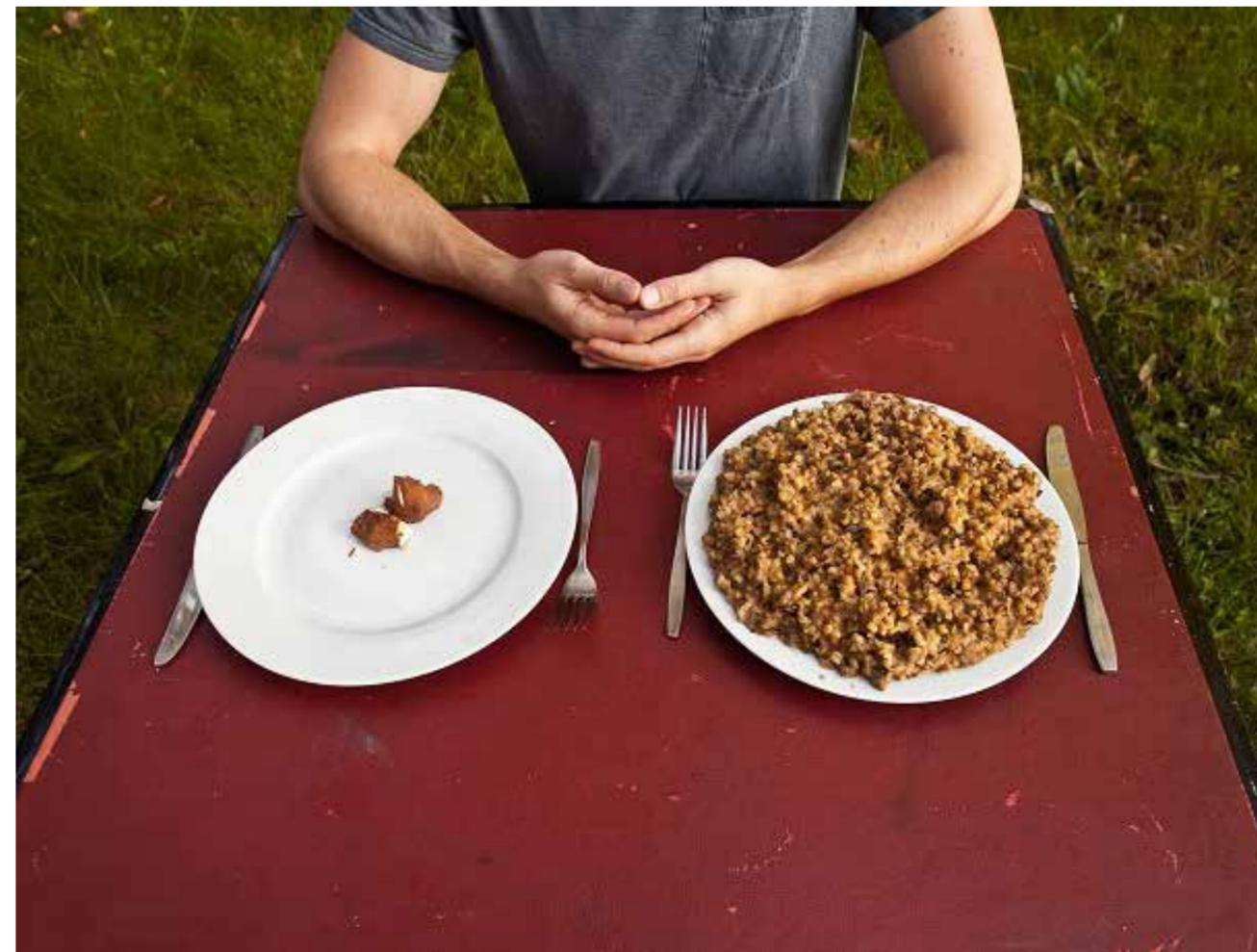


Photo courtesy Colin Vandenberg

Colin spent 85 cents on 45 grams of chicken and 85 cents bought him 200 grams of brown rice and 200 grams of black eye peas (combined).

The chicken would have taken 71 litres of water to produce 45 grams and given him about 73 calories after cooking and consuming. The beans by themselves would have taken only 18 litres of water to produce and given Colin about 200 calories... (or with the 200 grams of rice...425 calories).

Another way of looking at it? Dry beans per gram production is 17 times more efficient than chicken in use of water whilst growing. Throw in the calorific cost per gram and the results are off the charts in favour of beans. Note: chickens are far more efficient users of fossil fuels and water than is beef cattle. The case of pulses to advance sustainable agriculture argues itself.

# INDIAN PULSES HARVEST MAY SUFFER UP TO 15% LOSS

BY G. CHANDRASHEKHAR



There is a palpable sense of relief in India especially among policymakers, growers and consumers following a dramatic recovery in the quantum of rainfall received during the whole of July and first three weeks of August. Coming after a substantially dry June, precipitation in the last 7-8 weeks has encouraged planting of various crops including pulses. Scare over availability of drinking water and cattle fodder is substantially reduced. Planting of various kharif crops (rice, coarse cereals, pulses, oilseeds, cotton) has gathered pace; but to be sure, concerns over harvest size persist.

As of August 27, the latest available rainfall data suggest deficit is down to 18%; but there are regional variations. The agriculturally crucial northwest and central India face a much larger deficit (-29%) than the national figure would suggest. Growers have been advised to plant short-duration and drought-resistant varieties of various crops including pulses. Acreage data from the Ministry of Agriculture showed planted pulses area at 9.9 million hectares (as of August 22), lagging last year's corresponding acreage this time by 600,000 hectares. Specifically, pigeon pea (tur/arhar) area is reported to be down by 100,000 hectares and moong (green gram) by 270,000 hectares. Of course, these numbers are by no means final; but a very substantial revision from here on looks unlikely.

Additionally, erratic precipitation and suspected frugal input management by many growers may affect yields (already modest at about 650 kilograms a hectare). To be sure, pulses production in kharif 2013 was 6.0 million tons and in 2012 it was 5.9 million tons.

Pulses production target for kharif 2014 is 7.0 million tons, a level most unlikely to be achieved on current reckoning. One can now forecast with a reasonable certainty that Indian kharif 2014 pulses crop could face a shortfall of anything between 10

and 15 percent from last year's harvest.

Weather uncertainties persist. Threat of the El Nino has not gone away although there is consensus it would be a mild one this time. For production to rebound in the ensuing Rabi season, India needs extended rains beyond September, possibly until mid-October. An early withdrawal of monsoon can be damaging.

The new Indian government is concerned over elevated levels of food inflation and its inability to effectively contain price rise finds expression in a number of ways. Several policy instruments (fiscal, monetary, trade, tariff and administrative) have been deployed, but have yielded little. From time to time, policymakers hold out threats of legal action against what is called hoarding (speculative inventory building beyond specified limit); so, traders live in a state of panic. This is tragic because it ignores the crucial role being played by the distributive trade in ensuring that all essential commodities reach all corners of the country.

Nonetheless, Indian importers have made forward purchases of yellow pea and lentil mainly from Canada and pigeon pea from Myanmar aggregating well over a million tons. African origin pulses are also favoured. With festival season round the corner, consumption of many food articles (mainly pulses, edible oil, sugar and of course cereals) will expand.

Indian importers are closely monitoring crop developments elsewhere and importantly, logistics challenges in Canada that could stymie shipments. Fortunately, global agricultural markets are turning softer with a large rebound in production in the northern hemisphere coupled with a firming US dollar. It augurs well for consuming countries, especially in the developing regions of the world.

# SPONSORSHIP CATEGORIES

## for CICILS 2015 WORLD PULSES CONVENTION

### April 12-15, 2015 Caesars Palace, Las Vegas, USA

| DESCRIPTION   | COST     | AVAILABILITY |
|---|----------|--------------|
| Main Sponsor - Conference Title                                     | \$50,000 | 1            |
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| Platinum Sponsor - Welcome Reception                                | \$25,000 | 1            |
| Titanium Sponsor - Badge Holder                                     | \$20,000 | 1            |
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| Bronze Sponsor - Individual Sessions/ Round Table                   | \$5,000  | 10           |
| Bronze Sponsor - Writing Materials + cost of pad and pen            | \$3,500  | 1            |
| Bronze Sponsor - Quiz Sponsor 'Know your Pulses                     | \$5,000  | 3            |
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| Official PR Agency to the CICILS convention                         |          |              |
| Official Insurance provider to the convention                       |          |              |
| Media Partnerships – Proposals available on request                 |          |              |
| NGOs, Multilateral Bodies, Governmental Organizations               |          |              |
| Other   |          |              |

**Sponsorships & partnership opportunities for CICILS 2015 World Pulses Convention will be officially launched at 10 AM Dubai Time (GMT+4 HRS) on 8th September 2014. To make an booking or to find out more please visit our website [www.cicilsiptic.org](http://www.cicilsiptic.org) or send us an email to [info@cicilsiptic.org](mailto:info@cicilsiptic.org)**

## TECHNICAL ANALYSIS: CHANA FUTURES PRICE OUTLOOK

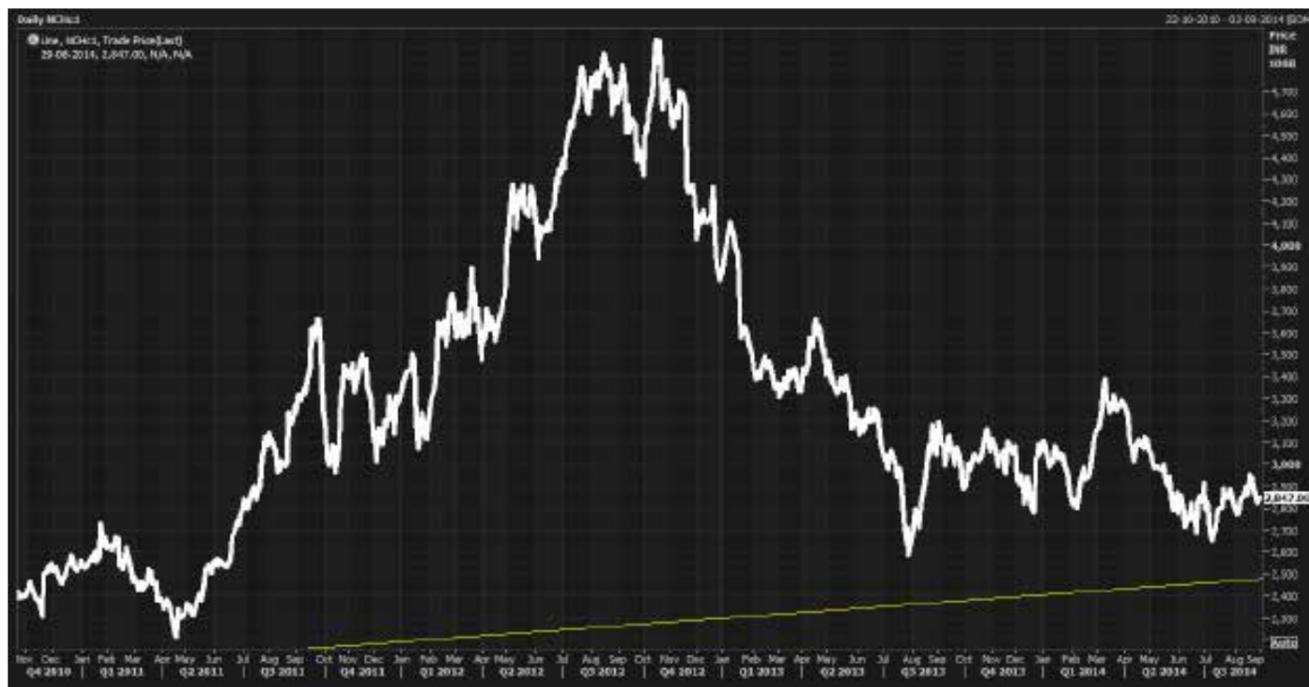
Price: in Indian Rupees per 100 kilogram trading lot

The NCDEX Chana futures bounced off from lows near 2650 support near the crucial 2700 range from where it bounced at least twice in 2013. However, unlike in the past, the volumes have decreased, which signifies market participation has gone down and the bias is weak.

The indicators are showing mild strength, which could take prices close towards 3000-3,200 levels. But, there is no concrete sign of a resumption of an upward trend so far. Only a daily close above 3,000 could revive bullish hopes again. Unexpected fall below 2600 will be a blow to any hopes of a

possible up-move in the coming months. Such a fall could see a drop to 2045-50 in the coming quarter. Resistances are at 2950 followed by 3025 now.

**Conclusion:** Though the bigger picture remains weak, some near-term strength could drive prices higher towards 3,000 levels or even higher. Ideally, we expect upward retracements could get capped in the 3,000-3,100 range for a decline to above-mentioned supports in the medium-term horizon. But, short-term is expected to see supports near 2,700 levels and a possible test of 3,000-3,100 levels.



## THE USDINR

Sentiment is very strong in favour of the Rupee presently. This can be seen from the way the global dollar has risen strongly against major currencies while the Indian Rupee has been stable with an appreciating bias. A single day bond inflow of \$2.5 billion shook the currency markets and the Rupee appreciated from the recent highs of 61.74 to 60.36. Dr. Raghuram Rajan, the RBI governor spelled out his priorities. On interest rates, he would keep on watching CPI numbers and he also said that, he was quite comfortable on the USD-INR level. With the stock markets on a roll and more investments queuing up, it is unlikely that Rupee could depreciate much. At the same time, global developments like a stronger dollar and tensions between Ukraine and Russia could keep the Rupee appreciation in check.

Technical picture for the USDINR is a mixed one for the short-term. The range will be 59.75-61.00 in the short-term with the

possibility of an extension to 61.25 levels too. A close above 61.25/30 could change the picture to neutral and once again the currency could revisit close to 62.00.

**Conclusion:** We see the USDINR move in a short-term range of 59.70-61.00 and a medium-term range of 59.50-62.00 in the coming quarter (Sept-Oct-Nov) 2014.

T. Gnanasekar

(The author, Director, Commtrendz Research, is on the advisory panel of commodity exchanges and corporate houses. He is not liable for any loss or damage, including without limitations, any profit or loss which may arise directly or indirectly from the use of above information. There is risk of loss in trading. He can be reached at gnanasekar.t@gmail.com.)



**“Eat more pulses,  
help fight hunger,  
save the world”**

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SEND THEIR VIEWS,  
COMMENTS AND SUGGESTIONS.



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# News & Views

Tremendous amount of research work is being conducted at Pulse Breeding Australia (PBA). Here's a sample.

## PBA Capacity Building Projects Awarded

Four projects were selected for support by the PBA Capacity Building Program, following submissions in February. The capacity building program aims to develop capacity for pulse improvement in Australia Via:

- High quality research in areas of strategic relevance to PBA,
- Training of postgraduate students to increase the Australian capability in pulse research,
- Up skilling of current pulse researchers,
- Support to direct high calibre undergraduate students into pulse breeding research, and
- Targeted people/project combinations to ensure capacity is developed for PBA succession planning.

## The four projects, which began in July are:

1. Increasing Lentil Tolerance to Heat Waves using genetic solutions
  - Conducted by PhD student Miss Audrey Delahunty under the supervision of Dr Jason Brand and Dr James Nuttall, DEPI and Dr Marc Nicolas, Melbourne University.
2. Physiology of Yield Determination in Chickpea (*Cicer arietinum* L.): Critical Period for Yield Determination, Patterns of Environmental Stress and Competitive Ability
  - Conducted by PhD student Mr Lachlan Lake under the supervision of Associate Professor Victor Sardas, SARDI, Dr Jeff Paull, University of Adelaide and Dr Kristy Hobson, NSW DPI.
3. Increasing pulse plant pathology capacity via a project to clarify the interaction of water logging and ascochyta in lentils and faba beans
  - An honours student project to be supervised by Dr Peter Johnson and Dr Karen Barry TIA/University of Tasmania.
4. Developing whole-genome sequence resources for foliar fungal pathogens of Lupin.
  - To be supervised by Dr James Hane.

(Source: PBA News Winter 2014)

## Saskatchewan Trade & Export Partnership

STEP Trade Conference 2014  
Radisson Hotel - Saskatoon, Saskatchewan  
September 23 - 24, 2014

STEP Trade Conferences have evolved to be recognized as a premier event for provincial exporters as they bring together successful leaders in global business to exchange ideas and network with like minded enterprises. Over the past decade, the event has grown to be a strong opportunity to gain exposure within the exporting community in Saskatchewan. The 2014 event will again provide delegates with focused, relevant information pertaining to trends confronting Saskatchewan exporters during a time of exciting growth. The event will be of interest to Saskatchewan firms interested in and involved in international business as attendees include decision makers, influencers, exporters, service providers, key business leaders, and government officials from various levels. For program details and registration visit: [www.sasktrade.com](http://www.sasktrade.com)



## PULSE FIELD DAYS

2014 - VICTORIA

FOR ALL THE LATEST PULSE INFORMATION - VARIETIES - AGRONOMY.

### SOUTHERN

- Westmere

Come and see the pulse trials at SFS Agrifocus field days, 15-16 Oct.

### WIMMERA

- Kalkee

Thursday October 23, 9.30am  
Corner of Geodetic and Bakers Rds, about 16km north of Horsham.

### SOUTHERN MALLEE

- Curyo

Private Tours Available - Please Contact Jason for further information.  
1.5km east of Sunraysia Highway on Doran Rd.

### WHAT'S TO SEE AND HEAR?

- The latest lentil, chickpea, field pea and faba bean varieties and agronomy
- New varieties available for sowing 2014
- Herbicide tolerance in lentils
- Sowing dates and row spacing
- Disease management
- Opportunities for medium/large kabuli chickpeas
- Something old something new - Blue peas and Green lentils

Researchers, industry agronomists and grain marketers in attendance to answer your questions

These field days highlight the progress and future for pulse agronomy and breeding and the role of pulses in successful farming systems. They are located on research site associated with the Southern Pulse Agronomy Research project (DAV00113) lead from DEPI - Horsham. Research on site aims to provide:

1. Variety specific agronomy packages (VSAP) - delivering benefits of new varieties to growers.
2. Profitable pulses for modern farming systems - matching best genotypes to best systems.

Contact  
Mary Raynes (Pulse Australia) 0408591193  
Jason Brand (Department of Environment and Primary Industries) 0409357076



# SAVE THE DATE

CICILS

# CICILS 2015 WORLD PULSES CONVENTION

April 12 - 15, 2015  
Caesars Palace, Las Vegas, USA

“Visa for USA can take a lot of time to issue.  
Start on your visa applications today”