

26/9/17

GI APPLICATION No.
593

From

23rd Sep 2017

Ravi S

Geographical Indications Agent / Attorney (GIA – 045)

No.10, Ramalinga Nagar, II Cross, II Lay Out,

Saibaba Colony, Saibaba Mission (P.O.)

Coimbatore 641 011

manzil_ravi@vsnl.net

To

The Registrar of Geographical Indications,

Geographical Indications Registry,

IPO Buildings, GST Road,

Guindy, Chennai 600 032

Dear Sir,

Reg :- Filing of Geographical Indication Application for '**Gulbarga Tur Dal**' – Class 31 – Agricultural Product, Grain

Based upon the instructions received from my clients, **University of Agricultural Sciences (UAS)** Raichur, 584104, Karnataka, & **Karnataka Togari Abhivrudhi Mandali Limited**, Cotton Market, Nehru Gunj, Kalaburagi, Karnataka and facilitators, Intellectual Property Facilitation Centre (IPFC) AIP, ICRISAT (International Crops Research Institute for Semi Arid Tropics) Patancheru, Sangareddy District, Telangana – 5023324

We are filing the Geographical Indication Application for '**GULBARGA TUR DAL**'

Please find enclosed the following related to the new GI application, in ORIGINAL

- 1) Demand Draft worth Rs.5000 favouring Registrar of Geographical Indications payable at Chennai (Demand Draft no. **181774**, issued by State Bank of India, dated 08/09/2017)
- 2) Form GI 1
- 3) Form GI – 10 (Authorizing, me Ravi S, GI Agent 045, to handle this GI application) duly notarized
- 4) Affidavit – duly notarized, signed by the representatives of the Applications viz., Prakash M SALIMATH, Vice Chancellor, University of Agricultural Sciences, Raichur and Rajendranath Sugoora, Managing Director, Karnataka Togari Abhivrudhi Mandali Limited, Cotton Market, Nehru Gunj, Kalaburagi, Karnataka

GOVT. OF INDIA
Geographical Indications Registry
26 SEP 2017
DY No. 275
CHENNAI.

GI APPLICATION No.

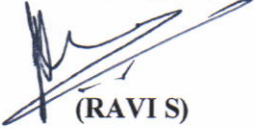
593

- 5) Statement of Case – Gulbarga Tur Dal
- 6) Memorandum / Articleship – Govt of Karnataka, thro GO, constituting Karnataka Togari Abhivrudhi Mandali Niyamitha, with headquarters at Gulbarga (Kalaburagi) Karnataka
- 7) Karnataka Govt Act 10 of 2010, constituting University of Agricultural Sciences, Raichur
- 8) Logo for ‘Gulbarga Tur Dal

Request you to kindly accept the above mentioned documents and issue the receipt for the application in Class 31 and send the original receipt to my address and also a scanned copy of the same to my e-mail ID, manzil _ ravi@vsnl.net

Any other documents related to this GI application, We would be pleased to provide.

Thank you & warm regards,



(RAVIS)

GI Agent / Attorney (GIA – 045)

Coimbatore

GI APPLICATION No.

593 . . .

Received Rs. 5000 in cash/
Cheque/DD/MO on 26.9.2017
Entry no. 3325 in the
register of valuables

THE GEOGRAPHICAL INDICATION OF GOODS

(REGISTRATION AND PROTECTION ACT)

Cashier

D.D.O.

(To be filled in triplicate along with the Statement of Case accompanied by five additional representations of the Geographical Indication)



650002316

Form GI – 1

A) Application for the Registration of a Geographical Indication in Part 'A' of the Register

(Section 11 (1) Rule 23 (2))

Fee Rs.5000 (See Entry no 1 (A) of the First Schedule)

Application is hereby made for the registration in Part A of the register, of the accompanying Geographical Indication furnishing the following particulars

Name of the Applicant(s)

.University of Agricultural Sciences (UAS)

Registered under -Karnataka Gazette No. 509, Part IV-A on 13th May 2010 (The university of Agricultural Sciences Act-2009)

Address :- UAS Campus, Lingsugur Road,
Raichur-584 104,
Karnataka (India)

Karnataka Togari Abhivrudhi Mandali Limited

Registered under - Govt. Order No. AHD 399 AMS 99 Dated 15.3.2002.

APMC Yard, Nehru Gunj, Kalaburagi,-585 104, Karnataka

FACILITATED by

Intellectual Property Facilitation Centre (IPFC) AIP, ICRISAT
(International Crops Research Institute for Semi Arid Tropics)
Patancheru, Sangareddy District, Telangana – 5023324

Geographical Indication :- Gulbarga Tur Dal

Class :- 31 Goods :- Agricultural Product, Grain

A) NAME OF APPLICANT :-

University of Agricultural Sciences (UAS)



Represented by Vice Chancellor **Dr. PRAKASH M SALIMATH**

Address :- UAS Campus, Lingsugur Road,
Raichur-584 104,
Karnataka (India)

B) Karnataka Togari Abhivrudhi Mandali Limited

Registered under - Govt. Order No. AHD 399 AMS 99 Dated 15.3.2002.

APMC Yard, Nehru Gunj, Kalaburagi,-585 104, Karnataka

Represented by **Mr..Rajendranath Sugoor**, Managing Director

C) List of Association or Person / Producer :- To be produced on request

D) Types of Goods :- Agricultural Product, Grain Under class 31

E) Specification

‘Gulbarga Tur Dal’ is especially famous for it’s unique taste and aroma along with high milling qualities. Milling quality is high due to its spherical nature of seeds, premier quality dal called “patka dal” This local Tur Dal is unique as compared to the other varieties of redgram found in Karnataka. Cooking period of this local variety is less as compared to other varieties, keeping quality/ shelf life of these local varieties are high compared to other varieties

**F. NAME OF
GEOGRAPHICAL
INDICATION AND
PRATICULARS:**

Gulbarga Tur Dal

Goods: Class 31, Agricultural product.
Grain.

Cooking period of this local variety is less as compared
To other varieties.

G. DESCRIPTION OF GULBARGA TUR/REDGRAM

- 'Gulbarga Tur/Redgram' is brown in color. Locally it is popular with various names such as 'Gulyal, Chaple, Bennur local' it starts coming in market from Diwali,- indication of maturity of crop when pods turns brown.
- Farmers are in practice to cultivate this variety in intercropping methods with crops like Green gram, Blackgram, Soybean, Sesamum etc.
- Farmers stick to use of preserved seeds from previous year's cultivation.
- 'Gulbarga Tur Dal' is especially famous for it's unique taste, aroma, shelf life due to richness of soil with calcium (Ca) and potassium (K) along with high milling qualities.

(Note: Test reports from NABL lab need to be attached)

Table 1 : Influence of varieties on physico-chemical properties of pigeonpea

Physico-chemical properties	Varieties			S.E.±	C.D.
	Asha	Maruthi	Gulyal		
Physical properties					
Length (mm)	6.31	7.55	6.24	0.004**	0.6276
Width (mm)	5.34	5.61	5.88	0.020*	0.4972
Thickness (mm)	4.72	5.00	5.16	0.044*	0.4980
Size (mm)	5.42	5.97	5.74	0.017*	0.4913
Sphericity (decimal)	0.86	0.79	0.92	-	NS
Volume (mm ³)	100.49	97.08	92.41	0.008**	0.0149
Surface area (mm ²)	104.53	102.15	98.85	0.021*	0.1839
Particle density (kgm ⁻³)	1441.00	1430.00	1446.00	-	NS
Bulk density (kgm ⁻³)	806.70	797.70	811.70	-	NS
Porosity (per cent)	44.00	44.80	43.80	-	NS
Angle of repose (degree)	20.33	21.09	20.15	-	NS
Thousand grain weight (g)	124.00	118.00	122.00	-	NS
Chemical properties					
Moisture content	10.47	10.40	10.13	-	NS
Crude protein	22.45	21.04	22.36	-	NS
Crude fat	1.65	1.81	1.67	-	NS
Total ash	3.78	3.60	3.50	-	NS
Crude fibre	5.48	5.06	5.06	-	NS
Carbohydrate	56.17	58.09	57.28	-	NS

* and ** indicate significance of values at P=0.01 and 0.05, respectively
NS=Non-significant

H. GEOGRAPHICAL AREA OF PRODUCTION AND MAP

Geographical area of Production

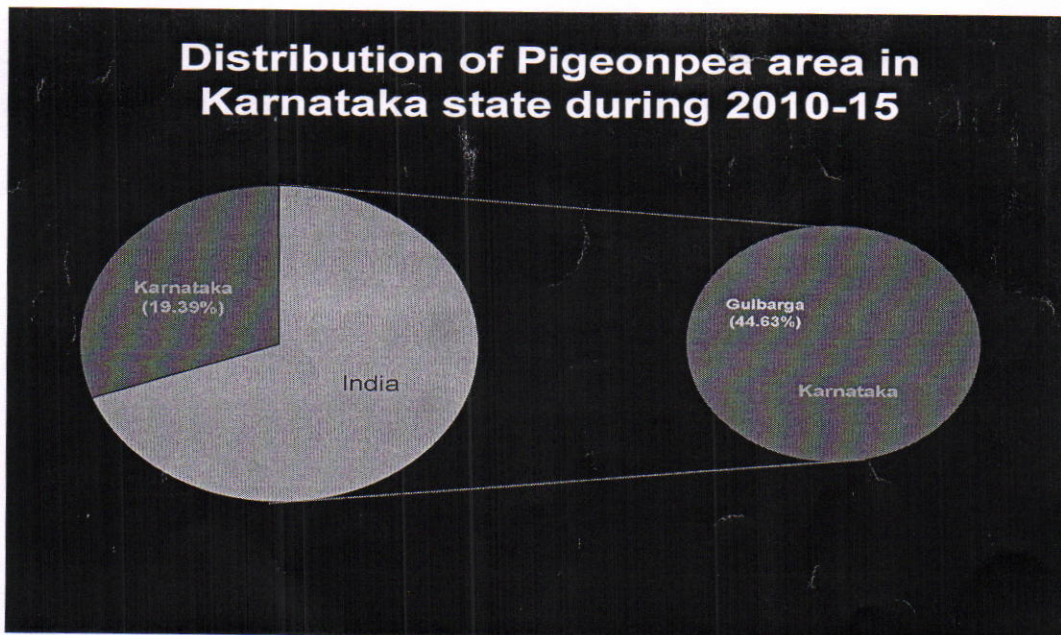
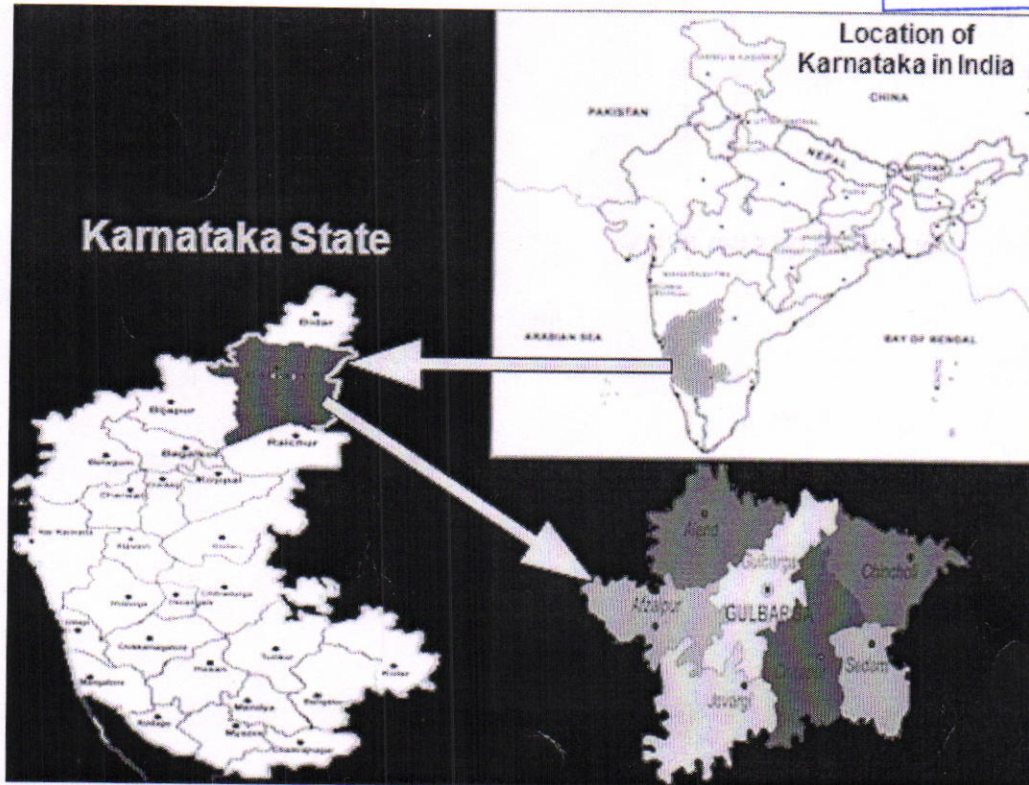
‘Gulbarga Tur Dal’ or Redgram is one of the main constituents of daily diet of people from Gulbarga (also known as Kalaburagi) region along with jowar roti.

The major crops grown in the district are Red gram, Jowar, Bengalgram and Sunflower. The farmers in practice of growing Redgram as either main crop or as intercrop with short duration crops.

There are around 3820 villages recorded at Gulbarga/Kalaburagi District statistical Office, occupying land of more than 1,50,000 ha for cultivation of ‘Gulbarga Tur Dal’ variety.

Gulbarga/ Kalaburagi is a famous district for pulses known as ‘pigeonpea bowl of Karnataka’. It is also a very important district in India where 1/10th countries pigeonpea area in single district .

Map of Gulbarga District



Gulbarga district is located between North latitude 17° 10 and 17° 45 and between east longitude 76° 10 and 77° 45.

I. Proof of origin

'Gulbarga Tur dal' is being cultivated since a long period of time in this region. From the primary findings of searching historical back ground, it was found that as early as in 1445 A.D. Abdul Razak makes a reference while describing the boundaries of *Vijayanagara* Empire as extending up to the extremities of the country *kalburgh*. The economy of the empire was largely dependent on agriculture. Sorghum (*jowar*), cotton, and **pulse legumes** grew in semi-arid regions. (Source: Gulbarga district gazette 1966 and Wikipedia).

Gulbarga was known as *Kalburagi* which means 'stony land' or 'stone roofing' or 'heap of stones' in Kannada. The major stone was 'lime stone' and soils with a large lime content are said to yield the best quality. The quality of the pulse consists in the quickness with which it softens on boiling. (Source: Gulbarga district gazette 1966)

J. METHOD OF CULTIVATION/ PRODUCTION GULBARGA TUR DAL

Gulbarga Tur Dal cultivation method follows stepwise activities as listed below.

1. By cleaning of all natural residues a full-size ploughing is done in the farm generally from third week of May followed by two turns of cultivator
2. In accordance with the rain fall in between 15 June to end of July, sowing is started when tilth is achieved. Previous years preserved seeds are used for this purpose.
3. With the help seed drill, row to row distance of 90 to 120 cm is followed depending on the soil fertility. More spacing is given the fertile soils.
4. Along with available FYM in his own yard of farmers, one bag of DAP is added per acre at the time sowing.
5. Two to three sprays with botanicals (Neem seed kernel extract/ Chilli-garlic extract) or bio agents (HaNPV) or pesticides or in combination are used to manage pests, mainly *Helicoverpa* sp.
6. Sickling is done in the month of August. Some farmers plough the spaces between pigeonpea lines for preventing soil from evaporation or volatilization of moisture. More over, soil support is also given to plants with this operation.
7. After harvesting, pigeonpea whole plant is dried in the field or threshing yard
8. Seeds are separated from plants by beating the dried pods with stick followed by winowing or farmer with large holding go for mechanisation.
9. Produce either locally milled for house hold purposes by using stone mill (chakki), which operated at a low pressure to split the grain or through Dal mills. Finally dal is available in three forms : split oiled, split dry and whole. Milling quality is high due to its spherical nature of seeds, premier quality dal called "patka dal"

Climate.

Gulbarga is situated in north –eastern part of Karnataka. The district normally receives less annual rainfall and faces uncertainty of rainfall. The climatic conditions of this district are relatively warm and dry. Redgram being a draught tolerant crop is best suited for cultivation in Gulbarga district. Annual average rainfall varies between 700 to 750 mm. average annual rainfall of last ten years is noted as 737 mm. The climate of the district is generally dry with temperature ranging from 10°C in the winter to 45°C in the summer. Highly fertile black cotton soils derived from lime stone are very much suitable for redgram cultivation.

Significance of Gulbarga Turn Dal

The district is also known for cluster of cement industries and a distinct stone (majorly lime stone) popularly known as “Shahabad Stone”. The tur (pigeonpea or arhar) grown here is of superior quality, having to with this region’s unique soil and climatic conditions. The soils are very rich in calcium and potassium which may be the reason for unique dhal quality and taste of pigeonpea. Quality tur dal from this region largely distributed to other regions/states of India. **Gulbarga** alone has some 250 **dal mills**, with capacities to process — i.e. de-husk and split the grain — between 10 to 15 tonnes of **tur** per day.

“One kg of imported Burmese toor dal can feed only 10 people, as against 16-17 with Gulbarga tur. Also, steam cooking of 50 kg of Burmese toor takes about 35 minutes, whereas it is hardly 20 minutes with our dal,” claims Chandrshekar Nadar, whose Rs. 60 crore –turn over firm, Global dhal industries, sells milled pulses (dal) under the “Dove” label.

Ashok Kumar Kagi, a pulses trader, estimates yearly market arrivals of tur across Gulbarga district at 2.5-3 lakh tonnes or roughly a tenth of India’s total production

“The imported toor is of inferior quality, but much cheaper. If our tur is selling at Rs 5,200 per quintal, lemon (as Myanmar toor is called) will fetch Rs 300 less.” observes Kagi

(Source: Indian express leading daily news paper | Gulbarga | Published: January 28, 2015)

2. Uniqueness

1. **Gulbarga** tur dal is light brown in colour. It is also known as gulyal local, chapple, bennur local. Dal is light yellow in colour.
2. This variety has a 100 grain size of 9.50 grams with round shape which is

ideal for millers as compared to the other varieties of redgram found in Karnataka.

3. This variety matures in 145 to 150 days for cultivation. This is the shortest cultivation period compared to other varieties. Therefore, it completes its lifecycle during monsoon period.
4. cooking period of this variety is less as compared to other varieties.
5. This crop belongs to leguminous family hence it increases soil fertility by fixing atmospheric nitrogen, adds micronutrients and organic matter to soil, hence important crop of rotation.
6. This variety is totally rainfed with little external inputs such as chemicals, fertilizers, pesticides, special irrigation. Hence, fewer expenses are to be spent by farmers.
7. Unique soil properties and spherical nature seeds gives good quality dal with good aroma, taste and shelf life.

L. Inspection body:

The Agricultural Research Station, Kalburgi coming under the aegis of The University of Agricultural Sciences, Raichur has national level network project on pigeonpea/ Redgram funded by ICAR called AICRP pigeonpea (All India Co ordinate Research Project) with main mandates as follows:

1. To carry out **research on basic and applied** aspects in all disciplines of Pigeon-pea cultures in order to devise ways and means of optimizing yield.
2. To **generate information** for planning adaptive research in the Pigeon-pea growing tracts of the Karnataka before putting up specific recommendations for use by farmers.
3. To serve as a **centre of authoritative information** on matters concerning Pigeon-pea production, protection and conservation in Karnataka,
4. To **train** the research and extension workers.

M. Others:


The plant of the variety is very useful in all dimensions such as food, feed and household items. Food as in – rich protein source and a main element in the daily diet of people, feed is to –its broken seeds, skin and pod walls are fed to domestic animals. The dry stems are used as domestic fuel, preparing compounds, walls, sheds and thick sweepers.

Along with the statement of case in class 31 in respect of Gulbarga Tur Dal/ Redgram in the name (s) University of Agricultural Sciences, Lingasugur Road, Raichur-584104, Karnataka, of whose address is University of Agricultural Sciences, Lingasugur road, Raichur-584104, Karnataka, who claims to represent the interest of the producers of the said goods to which the geographical indication relates and which is in continuous use since in respect of the said goods.

- Application shall include such other particulars called for in rule 32(1) in the statement of case.
- All communications relating to this application may be sent to the following address in India.

The Vice chancellor, University of Agricultural Sciences, Lingasugur road, Raichur-584104, Karnataka

Signature


 Vice-Chancellor
 University of Agricultural Sciences
 Raichur-584104

Name of the signatory
 (Prakash M. Salimath,
 Vice Chancellor, UAS, Raichur)


 Managing Director
 Karnataka Togari Abhivrudhi
 Mandali Limited, Cotton Market,
 Nehru Gunj, Kalaburagi.

(RATENDRANATHA SUDHAKAR)

A handwritten signature in black ink, appearing to be 'RAVIS', written in a cursive style with a long horizontal stroke extending to the right.

RAVIS

GI Agent / Attorney :- GIA - 045



सत्यमेव जयते

Geographical indications Registry

Intellectual Property Building,
G.S.T. Road, Guindy, Chennai - 600 032

Phone: 044-22502091 & 92 Fax : 044-22502090

E-mail: gir-ipo@nic.in



INTELLECTUAL
PROPERTY INDIA

Receipt

CBR NO :3325

Date : 26/09/2017

TO

Generated by
:RATHIMEENA

THE VICE CHANCELLOR, UNIVERSITY OF AGRICULTURAL SCIENCES,
LINGASUGUR ROAD,
RAICHUR,
KARNATAKA,
584 104,
INDIA

C B R Details :

Application No	Form No	Class	No of Class	Name of GI	Goods Type	Amount Calculated
593	GI-1A	31	1	Gulbarga Tur Dal	Agriculture	5000

Payment Details :

Payment Mode	Cheque/DD /PostalNO	Bank Name	Cheque/DD/Postal Date	Amount Calculated	Amount Paid
DD	181774	State Bank of India	08/09/2017	5000	5000

Total Calculated Amount in words : Rupees Five Thousand only

Total Received Amount in words : Rupees Five Thousand only

***** This is electronically generated receipt,hence no signature required *****