

Date: - 25th March, 2014



To,

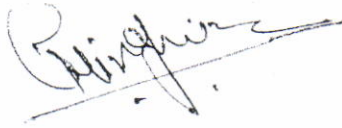
The Registrar,
Geographical Indication Registry,
Chennai,

Subject: - Submission of ten Geographical Indication applications from state of Maharashtra,

Dear Sir,

It gives us great pleasure to inform you that we have successfully studied ten GI potential products from State of Maharashtra with the support of World Bank assisted project called Maharashtra Agricultural Competitiveness Project (MACP). We have prepared GI application for the same and submitting herewith for your perusal. Kindly acknowledge the same and do the needful in the interest of agri communities involved in this regard.

Thanks and Regards,



Prof. Ganesh S. Hingmire
Chairman,
GMGC,
Pune

Enclosed : following GI applications with required documents

1. Ajra Ghansal Rice
2. Waigaon Turmeric
3. Bhiwapur Chilli
4. Pune Mulshi Ambemohar
5. Mangalwedha Maldandi Jowar
6. Navapur Desi Tur
7. Solapur Chutney
8. Kolhapuri Masala
9. Sindhudurg Ratnagiri Kokum
10. Koregaon Waghya Ghevada



Email: info@gmgc.co.in www.gmgc.co.in

GI APPLICATION No.
477

भारी करने वाली शाखा भारतीय स्टेट बैंक
Issuing Branch State Bank of India
ड्राफ्ट कोड / CODE No: 00435
Tel No.

मांगड्राफ्ट
DEMAND DRAFT

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OR ORDER

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रुपये RUPEES

5000.00

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STATE BANK OF INDIA
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कोड नं. / CODE No: 00800

प्राधिकृत हस्ताक्षरकर्ता
AUTHORISED SIGNATORY

शाखा प्रबंधक
BRANCH MANAGER

कंप्यूटर द्वारा मुद्रित होने पर ही वैध
VALID ONLY IF COMPUTER PRINTED

केवल 3 महीने के लिए वैध
VALID FOR 3 MONTHS ONLY

₹ 1,50,000/- एवं अधिक के लिखत दो अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है।
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Agale K.A.
A-4078

⑈ 352353⑈ 000002000⑈ 000358⑈ 16



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 :2393

Date : 26-03-2014

TO

Generated by :BABU

BALIRAJA KRUSHAK BACHAT GAT,
AT POST: DHANRAT, TALUKA: NAVAPUR, ,
NANDURBAR,
MAHARASHTRA,
425418,
INDIA

C B R Details :

Application No	Form No	Class	No of Class	Name of GI	Goods Type	Amount Calculated
477	GI-1A	31	1	Navapur Desi Tur	Agriculture	5000

Payment Details :

Payment Mode	Cheque/DD/PO NO	Bank Name	Cheque/DD/PO Date	Amount Calculated	Amount Paid
DD	352353	State Bank of India	21-03-2014	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 *****

Index

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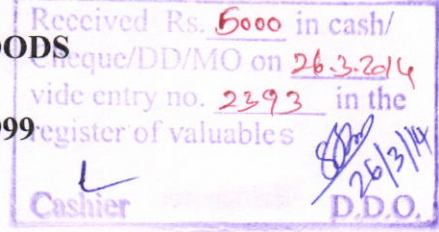
Sr. No.	Contents	Annexure(s)
1.	GI Application of Navapur Tur	Annexure 1
2.	Map of Nandurbar Taluka with demarcation of Navapur District Taluka	Annexure 2
3.	Statement of Case	Annexure 3
4.	Additional Representation	Annexure 4
5.	Form of Authorization	Annexure 5
6.	<p>Research Papers/Thesis</p> <ul style="list-style-type: none"> • ‘Quality nutrition through pigeonpea – a review’ by Kulbhushan Saxena, Rafat Sultana #AN ICRISAT REPORT APRIL 2010. • ‘Consumer Preferences for Pigeonpea Grain Quality’ by P. Parthasarathy Rao, Laxman Singh, Umaid Singh and Thomas S. Walker #AN ICRISAT REPORT March 1991 • ‘ Grain Quality of sorghum, pigeonpea & chickpea’ by R. Jambunathan, U. Singh and V. Subranium #AN ICRISAT REPORT 	Annexure 6
7.	Information and Reports from Government Officers	Annexure 7

	<ul style="list-style-type: none">• Crop wise annual production, productivity and area under cultivation in Navapur ' by - Taluka Agricultural Office, Navapur• 'Final report for Navapur showing - Crop wise average cultivation area, total targeted area, total achieved area – dated 31st Aug 2012 and 27th Aug 2013' by Taluka Agri. Office, Tal. Navapur• Annual traffic of 'Navapur Desi Tur/ Red gram' variety with respective total price for last five years by APMC, Navapur.	
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THE GEOGRAPHICAL INDICATIONS OF GOODS

(REGISTRATION & PROTECTION) ACT 1999

FORM GI -1



A: Application for the registration of a Geographical Indication in part A of the register: Section 11(1) of Geographical Indication Act, 1999 and rule 23(2) of Geographical Indication of Goods (Registration and Protection) Rules, 2002
Fee: Rs. 5,000/- (See entry No 1A of the First Schedule)

Application is hereby made by Great Mission Group Consultancy for the registration on behalf of 'Baliraja Krushak Bachat Gat', at post Dhanrat, Tal. Navapur, Dist. Nandurbar' in part A of register of the Geographical Indication furnishing the following particulars.

NAME OF THE APPLICANT : Baliraja Krushak Bachat Gat

ADDRESS : Baliraja Krushak Bachat Gat, at post
Dhanrat, Tal. Navapur, Dist. Nandurbar,
Maharashtra

GEOGRAPHICAL INDICATION: Navapur Desi Tur

CLASS : 31

GOODS : Class 31, Agricultural product. Grain.

APPLICATION No.

477 -

- A. NAME OF APPLICANT:** Baliraja Krushak Bachat Gat, Represented by Prof. Ganesh S. Hingmire of GMGC
- B. ADDRESS:** Baliraja Krushak Bachat Gat, at post
Dhanrat, Tal. Navapur, Dist.
Nandurbar, Maharashtra.
- C. LIST OF ASSOCIATION OF PERSONS/PRODUCE R/ ORGANIZATION/AUTHORITY:** Baliraja Krushak Bachat Gat, at post
Dhanrat, Tal. Navapur
- D. TYPES OF GOODS:** Agricultural Product, Grain under class 31.
- E. SPECIFICATION:** Navapur Desi Tur
'Navapur Desi Tur/Redgram' is local variety of pigeon pea which is white in color and known as 'Desi Tur', 'Gawran Tur/ Pandhari Tur', 'Diwal Tur', 'Khokali' locally.
'Navapur Desi Tur/Redgram' is specially famous for its unique taste and aroma along with high nutritional contents.
This variety has a small grain size as compared to the other varieties of red gram found in Maharashtra.

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

Traditional method of preparation of 'Tur Dal' which is a distinct method which increases the aroma and taste of the 'Tur Dal'.

F. NAME OF GEOGRAPHICAL INDICATION AND PARTICULARS:	<u>Navapur Desi Tur</u> Goods: Class 31, Agricultural product. Grain.
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G. DESCRIPTION OF NAVAPUR DESI TUR/ REDGRAM:

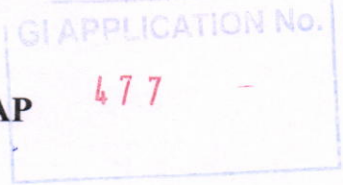
- 'Navapur Desi Tur/Redgram' is white in color. It is also known as white tur, because it is white seeded local strain. Locally it is popular with various names such as 'Desi Tur', 'Gawran Tur/ Pandhari Tur' – because of local traditional variety golden white in color, 'Diwal Tur'- as it starts coming in market from Diwali , 'Khokali' – indication of maturity of crop when pods creates sound due to wind flow.
- Farmers are in practice to cultivate this variety in intercropping method with crops like rice (paddy), soyabean, hybrid sorghum (rarely).
- Farmers stick to use of preserved seeds from previous year's cultivation.

These seeds are preserved in a specially made compartment called 'Kothi' made up of cow dung & sand which plays a role of natural air conditioner under ground level.

- 'Navapur Desi Tur/Redgram' can be recognized with its small grain size as compared to the other varieties of Tur found in Maharashtra.
- The crop is rain fed since it is grown during kharif season, it does not require additional irrigation.
- This variety not only takes a lesser amount of time for cultivation i.e. around 90 to 120 days but plant height is also a bit shorter than the other varieties of pigeonpea/red gram in Maharashtra.
- Farmers follow their traditional method to prepare de-hulled split cotyledons from seeds of red gram i.e. 'Tur/redgram Dal' which includes roasting of pigeonpea seeds with ash on large pan on a earthen stove. It gives a thorough heat application to seeds and helps in de-hulling of outer soft & sticky covering of seeds. Sometimes, these heated seeds are grinded in hand operated traditional grinding stones called 'Chakki' or 'Jata' or quern. This process adds more aroma to the 'Navapur Desi Tur/red gram Dal' and makes it tastier.
- Cooking time of de-hulled split cotyledons of 'Navapur Desi Tur/Redgram' seeds is very fast in order to prepare 'Dal' (thick soup for eating with bread and rice) after which this variety increases in volume also. This 'Dal' has a particular fragrance which increases appetite.
- As stated above, 'Navapur Desi Tur/Redgram' is a white seeded variety and white seeded varieties of pigeonpea/ red gram contain relatively less amount

of anti-nutritional factors such as polyphenols, phytolectins compared to red seeded varieties.

H. GEOGRAPHICAL AREA OF PRODUCTION AND MAP



Geographical area of production

'Navapur Desi Tur' or red gram is one of the main constituents of daily diet of people from Navapur region along with rice. Hence, almost all farmers are in practice of intercropping of 'Navapur 'Desi Tur' / red gram' with rice, soyabean or groundnuts. This indicates that all farmers cultivate 'Navapur 'Desi Tur' / red gram' variety for domestic consumption and if surplus production of this crop is there, then only farmer takes it to market for further trading.

There are around 160 villages recorded at Taluka Agricultural Office, Tal. Navapur, occupying land of 4879 ha for cultivation of 'Navapur 'Desi Tur' / red gram' variety.

Map of Nandurbar District



Geographical Location

1. Nandurbar district is located at 21.37° North and 74.25° East.
2. Navapur taluka is located at 21.15° North and 73.80° East.

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I. PROOF OF ORIGIN

'Navapur Desi Tur / redgram' variety is being cultivated since a long period of time in this region. From the primary findings of field visit, it is stated that local tribes are migrated from the times of 'King Maharana Pratap' – King of Mewad province, when the 'Akkarani' – sister of 'Maharana Pratap' was sent into this region for protective measures along with a battalion of soldiers. Therefore, one of talukas from Nandurbar district is termed as 'Akrani'. And by the time, these soldiers settled in various parts of hilly Navapur. These soldiers scattered and settled in different forms such as 'Gaon' – a small village; 'Vasahat'- small colonies, 'Pada' – diminutive set of abodes(mainly of tribals). People, who resided in 'Gaon' became 'Gavit', in 'Vasahat' became 'Vasave' and in 'Pada' became 'Padave'. From that time, cultivation of this variety of pigeonpea is considered as being a key component of daily diet of people from this area.

J. METHOD OF CULTIVATION/PRODUCTION NAVAPUR DESI TUR/REDGRAM

'Navapur Desi Tur/Redgram' 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 15 July, sowing is started when tilth is achieved. Previous year's preserved seeds are used for this purpose.
3. With the help of seed drill, 3 lines of paddy or soyabean in 30 x 30 cms scale are sown along with 'Navapur Desi Tur/Redgram' at 120 cms.
4. No fertilizers, pesticides are used for pigeonpea however for rice(paddy) some amount of urea is applied.
5. Sickling is done in the month of August. Some farmers plough the spaces between pigeonpea lines for preventing the soil from evaporation or volatalization of moisture. Moreover, soil support is also given to plants with this operation.
6. When 'Navapur Desi Tur/Redgram' is matured, 3 to 4 seeds are seen in one pod, and these pods create sound due to wind blow intimating farmers for harvesting.
7. After harvesting, pigeonpea is kept in hand made rooms made using cow dung for drying end.

8. Once it is cured, shattering is done for cleaning and separating pigeonpea from residues.
9. To make split peas i.e. 'Tur Dal' from these pigeonpea seeds, farmers roast these seeds along with ash on an iron pan with light flame. This helps in release of outer soft, sticky covering of seeds and reducing moisture. Seeds do not get burnt out being heated with ash which also gives a uniform and thorough heating to seeds.
10. This unique method makes 'Navapur Desi Tur/Red gram Dal' more aromatic and tasty.

K. GEOGRAPHICAL SIGNIFICANCE AND UNIQUENESS OF NAVAPUR DESI TUR/REDGRAM

1. Geographical Significance

Soil

The area surrounding Navapur taluka is enriched with black cotton soil which enhances the growth of the crop being cultivated. Soil type is medium preferably down stepped soil which does not hold water. Pigeonpea/ red gram plant is known to provide several benefits to soil such as fixing atmospheric nitrogen, adding organic matter and micro nutrients, and breaking hard plough pan with its long tap roots and, thereby sometimes referred as 'biological plough'. Naturally maintained cool climate of Navapur surroundings tends to more degradation of organic carbon which results into more nitrogen synthesis into soil hence helping the crop to sopping up more amino acids. These amino acids are nothing but a form of proteins, which is one of the main reason for special aroma to this 'Navapur Desi Tur /red gram' variety.

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Climate

Navapur taluka is surrounded by hilly area, it is situated at the the beginning of Satpura Ranges. Annual average rainfall varies between 1200 mm and 1300 mm. Average rainfall of last seven years is noted as 1261 mm. Rainfall is good and satisfactory in Navapur region as compared to other regions in Nandurbar district. Average annual temperature ranges between 27⁰ C to 30⁰ C. Hilly area and rainfall helps to maintain natural coolness in the atmosphere. The good quality of 'Navapur Desi Tur /red gram' leads in quality mainly due to its favorable climatic conditions.

Significance of Navapur Desi Tur/ Redgram in Navapur Taluka

'Navapur Taluka' is well known for its unique variety of pigeonpea called as 'Desi Tur' locally. Navapur is surrounded by hilly area and the habitat of scheduled tribes. Being in a tribal area, rice and 'Desi Tur' /red gram are the main constituents of daily diets of people.

Uniqueness

1. 'Navapur Desi Tur/Redgram' is white in color. It is also known as white tur, because of golden white color of seeds.
2. As stated above, 'Navapur Desi Tur/Redgram' is a white seeded variety and white seeded varieties of pigeonpea/ red gram contain relatively less amount of anti-nutritional factors such as polyphenols, phytolectins compared to red seeded varieties.
3. This variety has a small grain size as compared to the other varieties of red gram found in Maharashtra.
4. This variety matures in 90 to 95 days for cultivation. This is the shortest cultivation period as compared to other varieties. Therefore, it completes its lifecycle during monsoon period. Thus completes the life on natural rainfall during growth period.
5. Cooking period of this local variety is less as compared to other varieties.²⁴
6. 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 for rotation.
7. This variety is totally rainfed and natural, no external inputs are required such as chemicals, fertilizers, pesticides, special irrigation. Hence, fewer expenses are to be spent by farmers.
8. Traditional method of preparation of 'Tur Dal' which is a distinct method which increases the aroma and taste of the 'Tur Dal'.

L. INSPECTION BODY:

Baliraja Krushak Bachat Gat, at post Dhanrat, Tal. Navapur, will work as a Inspection body, it will form an internal group consisting Agriculture scientist, farmers, GI experts to monitor the quality norms.

M. OTHERS:

The plant of this variety is very useful in all dimensions such as food, feed, fuel and household items. Food as in – Rich protein source and a main element in 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 Navapur Desi Tur/ Redgram in the name(s) Baliraja Krushak Bachat Gat, at post Dhanrat, Tal. Navapur, of whose address is Baliraja Krushak Bachat Gat, at post Dhanrat, Tal. Navapur, Dist.: Nandurbar , 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.

- The 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:

Ganesh S. Hingmire, 959, Budhawar Peth, Pune-411002, Maharashtra.

SIGNATURE



NAME OF THE SIGNATORY

(GANESH S. HINGMIRE)