ADAPTIVE RICE RESEARCH
NOTE NO. 7
(Revised)

EARLY MATURING RICE VARIETIES
OF
MADHYA PRADESH

By
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Adaptive Rice Research & Rice Germ-plasm Centre
Baroda, Raipur

Better Seed : Higher Production

M. P. RICE RESEARCH INSTITUTE, RAIPUR
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Fig. 6: A view of high yielding indigenous rice varieties, found suitable in the Malwa Tract.
Fig. 1 - 22 Major Rice growing Districts of Madhya Pradesh.
(Districts, showing 20 Thousand hectares and above under rice have been taken as major rice growing districts.)
1 Introduction

Rice is grown in all the 43 districts of Madhya Pradesh. Of them 22 districts are major (Fig; 1) About 5500 Rice varieties have been tested for maturity duration at the Rice Germ-plasm Centre, Baroda. Of them about 550 proved to be early maturing upto 125 days. The list also includes some Summer Varieties. This group occupies a premier position in the cropping pattern, particularly in the following twelve major rice growing districts which occupy nearly 85 percent of the total rice area of 45 lac hectares, where nearly 40 percent of the rice varieties, cultivated, are early maturing, grown mostly under rain-fed conditions.

<table>
<thead>
<tr>
<th>Twelve major rice growing districts of Madhya Pradesh</th>
<th>Average Area in thousand Ha. (1970-76)</th>
<th>Area irrigated in percentage (1975-76)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Raipur</td>
<td>762.5</td>
<td>16.6</td>
</tr>
<tr>
<td>2. Bastar</td>
<td>447.8</td>
<td>1.1</td>
</tr>
<tr>
<td>3. Durg</td>
<td>348.2</td>
<td>13.9</td>
</tr>
<tr>
<td>4. Rajnandgaon</td>
<td>243.8</td>
<td>4.3</td>
</tr>
<tr>
<td>5. Bilaspur</td>
<td>636.7</td>
<td>13.4</td>
</tr>
<tr>
<td>6. Sarguja</td>
<td>293.9</td>
<td>2.0</td>
</tr>
<tr>
<td>7. Raigarh</td>
<td>346.1</td>
<td>3.0</td>
</tr>
<tr>
<td>8. Balaghat</td>
<td>222.2</td>
<td>30.9</td>
</tr>
<tr>
<td>9. Mandla</td>
<td>121.4</td>
<td>0.6</td>
</tr>
<tr>
<td>10. Shahdol</td>
<td>196.3</td>
<td>1.0</td>
</tr>
<tr>
<td>11. Jabalpur</td>
<td>124.3</td>
<td>6.5</td>
</tr>
<tr>
<td>12. Rewa</td>
<td>103.0</td>
<td>4.7</td>
</tr>
<tr>
<td></td>
<td>3846.2</td>
<td></td>
</tr>
</tbody>
</table>

A general classification of rice varieties based on maturity duration, as it stands accepted by extension workers in Madhya Pradesh, is as follows:

<table>
<thead>
<tr>
<th>Upto 95 days</th>
<th>Extra Early</th>
</tr>
</thead>
<tbody>
<tr>
<td>96-110 days</td>
<td>Very Early</td>
</tr>
<tr>
<td>111-125 days</td>
<td>Early</td>
</tr>
<tr>
<td>126-140 days</td>
<td>Medium</td>
</tr>
<tr>
<td>141 days</td>
<td>Late</td>
</tr>
<tr>
<td>and above</td>
<td></td>
</tr>
</tbody>
</table>

The original rice varieties, utilized in the selection work with accession number (shown in brackets), are recorded below in individual cases with selection numbers as Bd numbers. Bd stands for Baronda, where the Adaptive Rice Research and Germ-plasm Centre is located.

It will be observed that in some cases an original rice variety is the same from which more than one selection have been made, but individually those selections differ between themselves either morphologically, physiologically or in respect of their adaptation to environments. E.g; a
rice variety LALLU is one which shows very wide adaptability, spread over 23 districts (Fig.2). A number of selections have been made from this variety to cover different environments.

The genetically up-graded improved selections (Bds) or new Versions, recorded here when tested against the respective original material, would give 30 to 40 percent higher production under the growers own normal input production programme. Since they (growers) ordinarily stick to the cultivation of their own varieties for many reasons, these new versions which represent improved and quality-seeds of their own types would go a long way towards improving rice production, leading to gradual adoption by them of more improved production technology. As an example, yield potentials of some of those improved varieties, observed on the growers holdings and Experimental farms, are referred to below. It must be remembered that rice yields are very much influenced environmentally, both in controlled experiments as well as in the natural environments. What is equally important, therefore, is to follow up the adaptive research trials (local Verification Trials), conducted by Extension Workers with improved and New varieties, in the locality under their charge, and recommend suitable ones for multiplication on seed farms in the locality, for easy dissemination.

A Hindi version of this Bulletin is also available at the Centre.
**SOME EARLY MATURING IMPROVED RICE VARIETIES POSsessing HIGH YIELD POTENTIAL IN DIFFERENT LOCALITIES.**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Selection No.</th>
<th>Origin</th>
<th>Yield Kg/Ha</th>
<th>Localities</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bd:21</td>
<td>Badal Phool</td>
<td>3758</td>
<td>Mahasamund (Raipur)</td>
<td>Based on ARRRC note</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4900</td>
<td>Masturi (Bilaspur)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5200</td>
<td>Baikunthpur (Surguja)</td>
<td>NOS 9, 10 &amp; original records</td>
</tr>
<tr>
<td>2</td>
<td>Bd:23</td>
<td>Dhour</td>
<td>6136</td>
<td>Mahasamund (Raipur)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4400</td>
<td>Masturi (Bilaspur)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4300</td>
<td>Baikunthpur (Surguja)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bd:49</td>
<td>J.S. 5 (J X I)</td>
<td>5606</td>
<td>Mahasamund (Raipur)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5750</td>
<td>Masturi (Bilaspur)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4010</td>
<td>Baikunthpur (Surguja)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Bd:92</td>
<td>Barangi</td>
<td>3832</td>
<td>Marod Farm, Raipur</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>G.M.R. 17</td>
<td>4733</td>
<td>Gunderdehi, Durg</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Bd:504</td>
<td>Baikoni</td>
<td>5000</td>
<td>Durg</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Bd:816</td>
<td>E.B. 17</td>
<td>7078</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Bd:12</td>
<td>Laloo</td>
<td>7024</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Bd:811</td>
<td>Koyalari</td>
<td>7350</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Bd:820 (B)</td>
<td>Laloo Dhan</td>
<td>4454</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Bd:821</td>
<td>E.B. 17</td>
<td>4247</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Bd:812</td>
<td>Nirguni</td>
<td>4356</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4600</td>
<td>Baikunthpur (Surguja)</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Bd:823</td>
<td>Kardhana</td>
<td>3974</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Bd:1512</td>
<td>Kali Dhan</td>
<td>4083</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Bd:822</td>
<td>Rani Kajar</td>
<td>5118</td>
<td>Nabi Bag, Bhopal</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Bd:814</td>
<td>Nunga</td>
<td>7132</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Bd:840</td>
<td>Niwari dhan</td>
<td>8657</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Bd:813</td>
<td>Nungi dhan</td>
<td>7623</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Bd:817</td>
<td>Nungi</td>
<td>8330</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Bd:297</td>
<td>Laloo</td>
<td>4628</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Bd:827</td>
<td>Deshi dhan</td>
<td>4573</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Bd:267</td>
<td>Laloo 14</td>
<td>8439</td>
<td>—&quot;—</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Bd:810</td>
<td>Gadur Sela</td>
<td>9746</td>
<td>—&quot;— (Highest yield)</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Bd:14</td>
<td>Desi Safed Vakiya</td>
<td>8285</td>
<td>—&quot;—</td>
<td>Pakhanjor Farm, Bastar</td>
</tr>
<tr>
<td>25</td>
<td>Bd:812</td>
<td>Nirguni</td>
<td>3975</td>
<td>Pakhanjor Farm, Bastar</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Bd:10</td>
<td>Baikoni</td>
<td>4103</td>
<td>Abhanpur, (Raipur)</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Bd:4</td>
<td>Bewara</td>
<td>3611</td>
<td>Seoni Malwa, (Hoshangabad)</td>
<td></td>
</tr>
</tbody>
</table>
Fig. 2 – Distribution of Lallu group of paddy in 23 Districts of Madhya Pradesh.
Genetically up-graded improved rice varieties of early maturity duration

Baronda No. 1: Selected from LAKHOKUWAR (L/134),
Collected from Dharsiwa Block of Raipur District,
Maturity period: 109 days
Hull colour: Deep-red
Grain quality: Medium fine
Kernel colour: White
Mild-scented:
Suitable for Summer season also (maturity 109 days).

Bd: 2: Selected from LALLU-14 (L/01),
Collected from Khidkiya Block of Hoshangabad District.
Maturity period: 93 days
Hull colour: Deep-red
Grain quality: Medium fine
Kernel colour: White
Mild-scented:
Suitable for Summer season also (maturity 99 days).

Bd: 3: Selected from LALLU-14 (L/189),
Collected from Khidkiya Block of Hoshangabad District.
Maturity period: 115 days
Hull colour: Straw
Grain quality: Medium
Kernel colour: White
Suitable for Summer season also (maturity 101 days).

Bd: 4: Selected from BEWARA (B/421),
Collected from Tilda Block of Raipur District.
Maturity period: 113 days
Hull colour: Deep-red furrowed
Grain quality: Coarse
Kernel colour: White
Suitable for Summer season also (maturity 115 days).

Bd: 10: Selected from Baikoni (B/756)
Collected from Tilda Block of Raipur District.
Maturity period: 125 days
Hull colour: Light golden yellow
Grain quality: Coarse
Kernel colour: White

Bd: 12: Selected from LALLU (L/196),
Collected from Sohagpur Block of Hoshangabad Distt.
Maturity period: 110 days
Hull colour: Red
Grain quality: Medium
Kernel colour: Dull white
Bd: 13

: Selected from LALLU (L/192).
   Collected from Shagapur Block of Hoshangabad Distt.
   Maturity period : 107 days
   Hull colour : Deep-red
   Grain quality : Medium
   Kernel colour : White
   Suitable for Summer season also (maturity 104 days).

Bd: 14

: Selected from DESHI SAFED BAKHIYA (D/290),
   Collected from Khidkiya Block of Hoshangabad Distt.
   Maturity period : 103 days
   Hull colour : Light golden yellow
   Grain quality : Medium
   Kernel colour : White
   Suitable for Summer season also (maturity 108 days).

Bd: 15

: Selected from SAFED BAKHIYA (S/230),
   Collected from Khidkiya Block of Hoshangabad Distt.
   Maturity period : 114 days
   Hull colour : Golden yellow
   Grain quality : Long fine
   Kernel colour : White

Bd: 17

: Selected from LALLU-14 (L/202),
   Collected from Khidkiya Block of Hoshangabad Distt.
   Maturity period : 99 days
   Hull colour : Deep-red
   Grain quality : Medium fine
   Kernel colour : White
   Suitable for Summer season also (maturity 102 days).

Bd: 21

(A dwarf type)

: Selected from BADAL PHOOL (B/136), (Fig; 3)
   Collected from Raipur Kachulian Block of Rewa Distt.
   Maturity period : 124 days
   Hull colour : Light golden yellow
   Grain quality : Long fine
   Kernel colour : White
   Suitable for Summer season also.

Bd: 23

(A dwarf type)

: Selected from D HOUR (D/68),
   Collected from Sehora Block of Jabalpur Distt.
   Maturity period : 124 days
   Hull colour : Golden yellow
   Grain quality : Long fine
   Kernel colour : White
   Suitable for Summer season also.

Bd: 43

: Selected from BUNDELA (DESHI) (B/11),
   Collected from Arang Block of Raipur District.
   Maturity period : 124 days
   Hull colour : Straw
   Grain quality : Coarse
   Kernel colour : White
Fig., 3 – An indigenous dwarf rice type (Bd: 21),
Selected from BADAL PHOOL
Bd: 44 : Selected from MUNDARIYA (M/192),
Collected from Pingeshwar Block of Raipur District.
Maturity period : 124 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White.

Bd: 49 (A dwarf type) : Selected from a Japonica — Indica Hybrid Culture (J.S. 5) Originally
Obtained from the Central Rice Research Institute Cuttack. (Fif; 4),
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White
Suitable for Summer season also.

Bd: 55 : Selected from Uraibut (U/19),
Collected from Sihora Block of Jabalpur District.
Maturity period : 114 days
Hull colour : Typical golden yellow.
Grain quality : Medium
Kernel colour : White.

Bd: 68 : Selected from Nungi (N/75),
Collected from Sihora Block of Jabalpur District.
Maturity period : 99 days
Hull colour : Typical golden yellow.
Grain quality : Medium
Kernel colour : White.
Suitable for Summer season also (maturity period 96 days).

Bd: 70 : Selected from Niwari (N/81),
Collected from Sihora Block of Jabalpur District.
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd: 78 : Selected from BHATA PHOOL (B/146),
Collected from Sihora Block of Jabalpur District.
Maturity period : 109 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Bd: 82 : Selected from Barangi (B/86),
Collected from Darna Block of Bastar District.
Maturity period : 95 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.
Bd: 108
- Selected from KALA MALI (K/29),
  Collected from Bakawand Block of Bastar District.
  Maturity period: 103 days
  Hull colour: Light golden yellow
  Grain quality: Coarse
  Kernel colour: White.

Bd: 159
- Selected from SUPER FINE (S/214),
  Collected from Sarajpali Block of Raipur District.
  Maturity period: 94 days
  Hull colour: Light golden yellow
  Grain quality: Medium fine
  Kernel colour: White.

Bd: 171
- Selected from BARIK (B/416),
  Collected from Rajnagar Block of Chhattarpur Distt.
  Maturity period: 103 days
  Hull colour: Light golden yellow
  Grain quality: Medium
  Kernel colour: White.

Bd: 172
- Selected from CHINGI (C/143),
  Collected from Rajnagar Block of Chhattarpur Distt.
  Maturity period: 104 days
  Hull colour: Straw
  Grain quality: Coarse
  Kernel colour: Red
  Suitable for Summer season also (maturity 83 days)

Bd: 187
- Selected from X 4 Pallari
  Collected from Pallari Block of Raipur District.
  Maturity period: 110 days
  Hull colour: Light golden yellow with deep
  Furrows
  Grain quality: Coarse
  Kernel colour: White.

Bd: 197
- Selected from KOLYA (K/362)
  Collected from Saripali Block of Raipur District.
  Maturity period: 108 days
  Hull colour: Golden yellow with light Brown
  Furrows
  Grain quality: Coarse
  Kernel colour: Red

Bd: 223
- Selected from MANJHALI GURMA TIA (M/111)
  Collected from Simga Block of Raipur District.
  Maturity period: 105 days
  Hull colour: Light golden yellow
  Grain quality: Coarse
  Kernel colour: White.
Bd 49

Fig 4 - Bd : 49, Selected from a Japonica-Indica hybrid culture (J. S. 5).
Originally obtained from the Central Rice Research Institute, Cuttack.
Selected from NEWARI (N/24),

Collected from Rewa Block of Rewa District.
Maturity period : 101 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White

Selected from LUNGI (L/47),

Collected from Hanumana Block of Rewa District.
Maturity period : 101 days
Hull colour : Golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from LUCHAI (L/58),

Collected from Rithi Block of Jabalpur District.
Maturity period : 92 days
Hull colour : Typical golden yellow with furrows
Grain quality : Medium
Kernel colour : White.

Selected from ANTARVED (A/31)

Collected from Rithi Block of Jabalpur District.
Maturity period : 91 days
Hull colour : Typical golden yellow
Grain quality : Medium fine
Kernel colour : White.
Mild-scented :

Selected from NANKOO (N/200)

Collected from Fingeshwar Block of Raipur District.
Maturity period : 113 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from KOLYAR (K/404),

Collected from Fingeshwar Block of Raipur District.
Maturity period : 110 days
Hull colour : Light red with deep furrows
Grain quality : Coarse
Kernel colour : White.
Selected from MOTIJHINA (M/189),
Collected from Sohagpur Block of Hoshangabad Distt.
Maturity period : 112 days
Hull colour : Golden yellow,
Grain quality : Medium
Kernel colour : White.

Selected from LALLU (L/194),
Collected from Sohagpur Block of Hoshangabad Distt.
Maturity period : 111 days
Hull colour : Red
Grain quality : Medium fine
Kernel colour : White.
Suitable for Summer season also (maturity 101 days)

Selected from LALLU 14 (L/190),
Collected from Sohagpur Block of Hoshangabad Distt.
Maturity period : 110 days
Hull colour : Light Red
Grain quality : Medium fine
Kernel colour : White.
Suitable for Summer season also (maturity 105 days)

Selected from NAKKO (Local) (N/187),
Collected from Sohagpur Block of Hoshangabad Distt.
Maturity period : 105 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.
Suitable for Summer season also (maturity 117 days).

Selected from DHAUR (D/52),
Collected from Bahoriband Block of Jabalpur Distt.
Maturity period : (118 days).
Hull colour : Amber yellow
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (maturity, 113 days).

Selected from LALLU (L/207),
Collected from Bankhedi Block of Hoshangabad Distt.
Maturity period : 102 days
Hull colour : Deep-red
Grain quality : Medium fine
Kernel colour : White, scented.
Suitable for Summer season also (maturity 109 days).
Bd:300  :  Selected from NAU MOHAR (N/102),
          Collected from Durg Block of Durg District.
          Maturity period : 123 days
          Hull colour : Light golden yellow
          Grain quality : Coarse
          Kernel colour : White.

Bd:304  :  Selected from LALLU 14 (L/183),
          Collected from Shajapur Block of Shajapur District.
          Maturity period : 96 days
          Hull colour : Light red
          Grain quality : Medium
          Kernel colour : Light red

Bd:309  :  Selected from SONKHARCHI (S/43),
          Collected from Sinhawal Block of Sidhi District.
          Maturity period : 100 days
          Hull colour : Light red
          Grain quality : Medium
          Kernel colour : Red

Bd:311  :  Selected from Banspor Local (B/137),
          Collected from Pawal Block of Panna District.
          Maturity period : 100 days
          Hull colour : Golden yellow
          Grain quality : Medium
          Kernel colour : White.

Bd:313  :  Selected from Uraibuta (U/4),
          Collected from Panagar Block of Jabalpur District.
          Maturity period : 120 days
          Hull colour : Very light Brown
          Grain quality : Medium
          Kernel colour : Dull white.

Bd:327  :  Selected from X 2
          Collected from Shajapur Block of Shajapur District.
          Maturity period : 91 days
          Hull colour : Light red
          Grain quality : Medium
          Kernel colour : Dull white.

Bd:339  :  Selected from X 1
          Collected from Shajapur Block of Hoshangabad District.
          Maturity period : 84 days
          Hull colour : Straw
          Grain quality : Coarse
          Kernel colour : Light red

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Ed:375
Selected from Mundariya (M/88),
Collected from Dharsiwa Block of Raipur District.
Maturity period : 125 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:376
Selected from X 3
Collected from Shahnagar Block of Panna District.
Maturity period : 97 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White.

Bd:415
Selected from DAVAR (D/106).
Collected from Pandariya Block of Bilaspur Distt.
Maturity period : 106 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Light red

Bd:427
Selected from LALLU (L/413) (B)
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : Red

Bd:428
Selected from DESHI (D/794),
Collected from Khidkiya Block of Hoshangabad Distt.
Maturity period : 103 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White.

Bd:429
Selected from LUCHAI (L/416),
Collected from Shahnagar Block of Panna Distt.
Maturity period : 101 days
Hull colour : Golden yellow with Furrows
Grain quality : Medium
Kernel colour : White.

Bd:430
Selected from SARAIYA (S/494),
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

RHR etal
Bd: 431: Selected from Deshi No. 17 (D/291),
Collected from Khidkiya Block of Hoshangabad District.
Maturity period: 104 days
Hull colour: Light golden yellow,
Grain quality: Medium fine
Kernel colour: Dull white.

Bd: 432: Selected from DESHI SAFED BAKIYA (D/289),
Collected from Khidkiya Block of Hoshangabad Distt.
Maturity period: 99 days
Hull colour: Light golden yellow,
Grain quality: Medium
Kernel colour: White.
Suitable for Summer season also (Maturity, 93 days).

Bd: 433: Selected from LALLU-14 (L/200),
Collected from Khidkiya Block of Hoshangabad Distt.
Maturity period: 114 days
Hull colour: Red
Grain quality: Medium fine
Kernel colour: White.
Suitable for Summer season also (maturity, 112 days).

Bd: 474: Selected from Narved (N/121),
Collected from Ghatigaon Block of Gwalior District.
Maturity period: 120 days
Hull colour: Light golden yellow,
Grain quality: Long fine
Kernel colour: White.

Bd: 477: Selected from Dudh Malai (D/154),
Collected from Ghatigaon Block of Gwalior District.
Maturity period: 106 days
Hull colour: Light golden yellow,
Grain quality: Medium fine
Kernel colour: White.

Bd: 504: Selected from Baikoni (B/223),
Collected from Dhamdha Block of Durg District.
Maturity period: 125 days
Hull colour: Golden yellow
Grain quality: Coarse
Kernel colour: White.

Bd: 613: Selected from Lalu (L/9),
Collected from Lohandiguda Block of Bastar District.
Maturity period: 95 days
Hull colour: Very light brown.
Grain quality: Medium
Kernel colour: White.
Suitable for Summer maturity period 103 days

SHR et al
Ed:626
: Selected from Basmati (B/395),
  Collected from Ashoknagar Block of Guna District.
  Maturity period : 107 days
  Hull colour : Light golden yellow,
  Grain quality : Long fine
  Kernel colour : White.

Bd:678
: Selected from TILSAN (T/119),
  Collected from Shahnagar Block of Panna Distt.
  Maturity period : 101 days
  Hull colour : Light black
  Grain quality : Medium
  Kernel colour : White.

Ed:679
: Selected from Nador (N/172),
  Collected from Arang Block of Raipur District.
  Maturity period : 125 days
  Hull colour : Light brown furrowed
  Grain quality : Coarse
  Kernel colour : White.

Bd:687
: Selected from Nador (N/167)
  Collected from Arang Block of Raipur District.
  Maturity period : 120 days
  Hull colour : Light Brown Furrowed.
  Grain quality : Coarse
  Kernel colour : White.

Bd:698 (A):
: Selected from NAINA KAVAL (N/126),
  Collected from Bhawara Block of Jhabua Distt.
  Maturity period : 94 days
  Hull colour : Light golden yellow,
  Grain quality : Medium
  Kernel colour : Dull white.

Bd:698 A-I:
: Selected from NAINA KAVAL (N/126),
  Collected from Bhawara Block of Jhabua Distt.
  Maturity period : 116 days
  Hull colour : Straw
  Grain quality : Medium
  Kernel colour : White.
  Suitable for Summer season also (maturity, 121 days).

Bd:698 B:
: Selected from NAINA KAVAL (Chhoti or Badi) (N/125),
  Collected from Bhawara Block of Jhabua Distt.
  Maturity period : 94 days
  Hull colour : Straw
  Grain quality : Medium
  Kernel colour : Dull white.
  Suitable for Summer season also (maturity, 111 days),

RHR et al
Selected from BAKIYA (B/415),
Collected from Rajnangar Block of Chhatarpur Distt.
Maturity period : 106 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from Kanji Local (K/113),
Collected from Pawai Block of Panna District.
Maturity period : 88 days
Hull colour : Blackish Brown
Grain quality : Coarse
Kernel colour : Red

Selected from GURMATIA (G/55).
Collected from Sehora Block of Jabalpur District.
Maturity period : 95 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White.

Select from BIJO (B/72),
Collected from Narayanpur Block of Bastar District.
Maturity period : 114 days
Hull colour : Very light red,
Grain quality : Medium fine
Kernel colour : Light red

Selected from GRANJI (G/61),
Collected from Antagarh Block of Bastar District.
Maturity period : 118 days
Hull colour : Light red with Prominent Furrows
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (maturity, 104 days).

Selected from GADUR SELA (G/62),
Collected from Antagarh Block of Bastar District.
Maturity period : 124 days
Hull colour : Brown spots on Straw
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (Maturity, 113 days).

Selected from KOILARI (K/363),
Collected from Saraipali Block of Raipur District.
Maturity period : 124 days
Hull colour : Deep-red
Grain quality : Coarse
Kernel colour : White.
Bd:812 : Selected from NIRGUNI (N/131),
Collected from Tilda Block of Raipur District.
Maturity period : 114 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (Maturity, 123 days).

Bd:813 : Selected from NUNGI (N/50),
Collected from Kundam Block of Jabalpur District.
Maturity period : 123 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.

Bd:814 : Selected from NUNGA (N/124),
Collected from Balaghat Block of Balaghat District.
Maturity period : 115 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White.

Bd:815 : Selected from SULTO (S/141),
Collected from Balaghat Block of Balaghat District.
Maturity period : 123 days
Hull colour : Golden yellow
Grain quality : Medium
Kernel colour : White.

Bd:816 : Selected from E.B. 17 (E/3),
Collected from Mandla Block of Mandla District.
Maturity period : 124 days
Hull colour : Light brown Spots on Straw
Grain quality : Medium
Kernel colour : White.

Bd:817 : Selected from NUNGI (N/51),
Collected from Mandla Block of Mandla District.
Maturity period : 113 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White.

Bd:820 : Selected from LALLU (L/210) (A)
Collected from Babai Block of Hoshangabad District.
Maturity period : 108 days
Hull colour : Red
Grain quality : Medium fine
Kernel colour : White.
Suitable for Summer season also (Maturity, 106 days).
Bd:821
: Selected from E.B. 17 (E/7),
  Collected from Bankhedi Block of Hoshangabad Distt.
  Maturity period : 125 days
  Hull colour : Light Brown Spots on Straw,
  Grain quality : Medium
  Kernel colour : White.

Bd:821-I
: Selected from E.B. 17 (E/7),
  Collected from Bankhedi Block of Hoshangabad Distt.
  Maturity period : 104 days
  Hull colour : Golden yellow
  Grain quality : Coarse
  Kernel colour : White.

Bd:822
: Selected from RANIKAJAR (R/75),
  Collected from Sohagpur Block of Hoshangabad Distt.
  Maturity period : 128 days
  Hull colour : Light golden yellow,
  Grain quality : Coarse
  Kernel colour : White.

Ed:822-I
: Selected from RANIKAJAR (R/75),
  Collected from Sohagpur Block of Hoshangabad Distt.
  Maturity period : 97 days
  Hull colour : Light golden yellow,
  Grain quality : Medium
  Kernel colour : White.

Bd:823
: Selected from KARDHANA (K/386),
  (A dwarf type)
  Collected from Sohagpur Block of Hoshangabad Distt.
  Maturity period : 96 days
  Hull colour : Light golden yellow,
  Grain quality : Medium
  Kernel colour : White.
  Suitable for Summer season also (Maturity, 108 days).

Bd:823-I
: Selected from KARDHANA (K/386),
  Collected from Sohagpur Block of Hoshangabad Distt.
  Maturity period : 96 days
  Hull colour : Light golden yellow
  Grain quality : Coarse
  Kernel colour : White.

Bd:824
: Selected from BATRO LOCAL (B/412),
  Collected from Sohagpur Block of Hoshangabad Distt.
  Maturity period : 114 days
  Hull colour : Light golden yellow,
  Grain quality : Medium
  Kernel colour : White.
Selected from DESHI No. 16 (D/288),
Collected from Sohapur Block of Hoshangabad Distt.
Maturity period : 114 days
Hull colour : Light golden yellow,
Grain quality : Medium fine
Kernel colour : White.
Suitable for Summer season also (Maturity, 106 days).

Selected from DESHI (D/233), (A)
Collected from Khidkiya Block of Hoshangabad Distt.
Maturity period : 108 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.

Selected from ANJAN (A/2 X),
Collected from Bilaigorh Block of Raipur District.
Maturity period : 117 days
Hull colour : Typical golden
Grain quality : Medium fine
Kernel colour : White.

Selected from DUMAR PHOOL (D/86),
Collected from Kanker Block of Bastar District.
Maturity period : 127 days
Hull colour : Straw
Grain quality : Medium fine
Kernel colour : White.

Selected from A.D.T. 90 (A/123),
Collected from Babai Block of Hoshangabad District.
Maturity period : 115 days
Hull colour : Light Brown Spot on Straw
Grain quality : Coarse
Kernel colour : White.

Selected from KALA KALDHANA (K/388),
Collected from Khidkiya Block of Hoshangabad District
Maturity period : 114 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Light red
Suitable for Summer season also.

Selected from KAJAROO (K/124),
Collected from Kundam Block of Jabalpur District.
Maturity period : 104 days
Hull colour : Light golden yellow.
Grain quality : Medium
Kernel colour : White
Suitable for summer season also (maturity, 103 days).
Chintamani 5: a high yielding indigenous rice variety, found suitable in the Tawa Project area (Government Seed Multiplication Farm, Seoni Malwa); District: Hoshangabad, 1975.

Fig. 5, a view of high yielding indigenous rice varieties, found suitable in the Tawa Project area (Government Seed Multiplication Farm, Seoni Malwa); District: Hoshangabad, 1975.
Selected from LAL DHAN (L/36),
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 82 days
Hull colour : Red
Grain quality : Medium
Kernel colour : White.

Selected from KANIGA (K/413),
Collected from Byohari Block of Shahdol District.
Maturity period : 101 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Selected from KANIGA (K/413),
Collected from Byohari Block of Shahdol District.
Maturity period : 92 days
Hull colour : Light black with furrows
Grain quality : Coarse
Kernel colour : Deep-red

Selected from KARDHANA (K/542),
Collected from Seoni Block of Seoni District.
Maturity period : 105 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Selected from NIWARI (N/44),
Collected from Badwara Block of Jabalpur District.
Maturity period : 128 days
Hull colour : Golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from NIWARI (N/44),
Collected from Badwara Block of Jabalpur District.
Maturity period : 106 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White

Selected from NIWARI (N/39),
Collected from Rithi Block of Jabalpur District.
Maturity period : 94 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.
Suitable for summer season also (maturity, 110 days).

RMR et al
Selected from NIWARJ (N/39).
Collected from Rithi Block of Jabalpur District.
Maturity period : 92 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from N.S.J. 205 (N/47).
Collected from Shahnagar Block of Panna District.
Maturity period : 114 days
Hull colour : Golden yellow
Grain quality : Medium fine
Kernel colour : White.

Selected from RAMKEL (R/97),
Collected from Harrai Block of Chhindwara District.
Maturity period : 122 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from SAFRI (S/233),
Collected from Pipariya Block of Ilanhangabad Distt.
Maturity period : 114 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White.

Selected from SAFED NAKKO DESHI (S/232),
Collected from Babai Block of Hoshangabad District.
Maturity period : 114 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (Maturity, 107 days).

Selected from KARMANA (K/406),
Collected from Jaitthari Block of Shahdol District.
Maturity period : 114 days
Hull colour : Deep red with prominent furrows
Grain quality : Coarse
Kernel colour : White.

Selected from SIKIYA (S/333),
Collected from Rithi Block of Jabalpur District.
Maturity period : 65 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White

RHR et al
<table>
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<th>Description</th>
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</table>
| Bd:846-I | Selected from SIKIYA (S/333),  
Collected from Rithi Block of Jabalpur District.  
Maturity period : 65 days  
Hull colour : Light golden yellow,  
Grain quality : Coarse  
Kernel colour : White |
| Ed:847 | Selected from BABA DHAN (B/553),  
Collected from Rithi Block of Jabalpur District.  
Maturity period : 95 days  
Hull colour : Straw  
Grain quality : Medium fine  
Kernel colour : White |
| Bd:848 | Selected from KHANDWA I (K/759),  
Collected from Harsud Block of Khandwa District.  
Maturity period : 100 days  
Hull colour : Light golden yellow,  
Grain quality : Long fine  
Kernel colour : White |
| Ed:849 | Selected from KALDHANA (K/758),  
Collected from Harsud Block of Khandwa District.  
Maturity period : 101 days  
Hull colour : Light black  
Grain quality : Coarse  
Kernel colour : Light red |
| Bd:850 | Selected from BADWANI-22 (B/834),  
Collected from Harsud Block of Khandwa District.  
Maturity period : 100 days  
Hull colour : Typical golden yellow  
Grain quality : Medium  
Kernel colour : White |
| Bd:851 | Selected from BAKIYA (B/837),  
Collected from Harsud Block of Khandwa District.  
Maturity period : 100 days  
Hull colour : Light golden yellow,  
Grain quality : Medium  
Kernel colour : White |
| Bd:852 | Selected from SAFED DESHI (S/536),  
Collected from Harsud Block of Khandwa District.  
Maturity period : 100 days  
Hull colour : Light golden yellow,  
Grain quality : Medium  
Kernel colour : White |
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<td>Hull colour : Light golden yellow,</td>
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<tr>
<td>Grain quality : Medium fine</td>
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Selected from BADWANI 22 (B/833),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : White

Selected from DESHI (D/558),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI SAFED (D/557),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI (D/562),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI (D/563),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Typical golden yellow with prominent furrows
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI LAL (D/565),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : White

Selected from DESHI LAL (D/568),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Very light red
Grain quality : Medium
Kernel colour : White
Selected from DESHI (D/356),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI LAL (D/559),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Very light red
Grain quality : Medium
Kernel colour : White

Selected from DESHI (D/555),
Collected from Chhegaon Makhan Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI SAFED (D/560),
Collected from Punasa Block of Khandwa District.
Maturity period : 100 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from DESHI LAL (D/561),
Collected from Punasa Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White

Selected from LAL SUKLI (L/462),
Collected from Punasa Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Coarse
Kernel colour : White

Selected from LAL SUKLI (L/463),
Collected from Punasa Block of Khandwa District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : Dull white

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<table>
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</tr>
<tr>
<td>Bd:878</td>
<td>Selected from DESHI (D/587),</td>
<td>Collected from Khalwa Block of Khandwa District.</td>
<td>100 days</td>
<td>Straw</td>
<td>Medium</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>SUDHAN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bd:879</td>
<td>Selected from SAFED SUKLA</td>
<td>Collected from Khalwa Block of Khandwa District.</td>
<td>103 days</td>
<td>Straw</td>
<td>Medium fine (Thinnest)</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>(S/533),</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bd:880</td>
<td>Selected from BADWANI 22 (B/830),</td>
<td>Collected from Khalwa Block of Khandwa District.</td>
<td>101 days</td>
<td>Light red</td>
<td>Medium</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Selected from PILLI SAFED (P/288),
Collected from Khalwa Block of Khandwa District.
Maturity period : 101 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Selected from SAFED DHAN (S/535)
Collected from Khalwa Block of Khandwa District.
Maturity period : 118 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Selected from BARIK SUKLA (B/836),
Collected from Khalwa Block of Khandwa District.
Maturity period : 115 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Selected from SUKHDAS (S/517),
Collected from Tikamgarh Block of Tikamgarh District
Maturity period : 101 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : Red

Selected from LONGI (L/236),
Collected from Jaitthari Block of Shahdol District.
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from RAJIM 1 (R/153),
Collected from Fingeshwar Block of Raipur District.
Maturity period : 110 days
Hull colour : Light golden yellow,
Grain quality : Medium fine
Kernel colour : White

Selected from KHAIRA BASANT (K/128),
Collected from Sehora Block of Jabalpur District.
Maturity period : 94 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White

RHR et al.
| Bd:888 | Selected from WASMATI (W/5).  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 94 days  
Hull colour | Light golden yellow  
Grain quality | Medium fine  
Kernel colour | White |
|---|---|
| Bd:889 | Selected from NUNGI (N/77).  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 108 days  
Hull colour | Typical golden yellow  
Grain quality | Coarse  
Kernel colour | White |
| Bd:890 | Selected from KADAM PHOOL (K/129), (B)  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 109 days  
Hull colour | Red  
Grain quality | Short fine  
Kernel colour | Red |
| Bd:891 | Selected from S.L.O. 16 (S/64),  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 109 days  
Hull colour | Light golden yellow  
Grain quality | Medium fine  
Kernel colour | White |
| Bd:892 | Selected from JHULAR (J/29),  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 109 days  
Hull colour | Light golden yellow  
Grain quality | Long fine  
Kernel colour | White |
| Bd:893 | Selected from CHINI SHAKKAR (C/g8).  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 94 days  
Hull colour | Golden yellow  
Grain quality | Coarse  
Kernel colour | White, scented |
| Bd:894 | Selected from DURGA PRASAD (D/360),  
Collected from Sehora Block of Jabalpur District.  
Maturity period | 107 days  
Hull colour | Straw  
Grain quality | Medium fine  
Kernel colour | White |
Bd.895
Selected from LUCHAI (L/78),
Collected from Sehora Block of  Jabalpur District.
Maturity period :  109 days
Hull colour :  Light golden yellow,
Grain quality :  Medium
Kernel colour :  White

Bd.896
Selected from DESHI (D/543),
Collected from Ratlam Block of  Ratlam District.
Maturity period :  104 days
Hull colour :  Light golden yellow,
Grain quality :  Medium
Kernel colour :  White

Bd.897
Selected from DESHI (D/544),
Collected from Ratlam Block of  Ratlam District.
Maturity period :  104 days
Hull colour :  Typical golden yellow
Grain quality :  Medium
Kernel colour :  White

Bd.898
Selected from SUNHARI DHAN (LOCAL) (S/515),
Collected from Ratlam Block of  Ratlam District.
Maturity period :  104 days
Hull colour :  Light red
Grain quality :  Coarse
Kernel colour :  White

Bd.899
Selected from BAKAL (B/614),
Collected from Jirapur Block of  Rajgarh District.
Maturity period :  104 days
Hull colour :  Light golden yellow,
Grain quality :  Medium
Kernel colour :  Red

Bd.900
Selected from BAKAL (B/615), (B)
Collected from Khilchipur Block of  Rajgarh District.
Maturity period :  103 days
Hull colour :  Light brown spots on straw with forrows
Grain quality :  Coarse
Kernel colour :  Red
Suitable for : summer season also  (Maturity 100 days).

Bd.901
Selected from LOCAL (L/457),
Collected from Nisarpur Block of  Dhar District.
Maturity period :  99 days
Hull colour :  Light red
Grain quality :  Medium
Kernel colour :  White

RHR et al
Selected from BADWELI (B/825),
Collected from Sardarpur Block of Dhar District.
Maturity period : 107 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White

Selected from BADWELI (B/827),
Collected from Sardarpur Block of Dhar District.
Maturity period : 107 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White

Selected from RAJORIYA (BALA) (R/110),
Collected from Rajgarh Block of Rajgarh District.
Maturity period : 104 days
Hull colour : Light red
Grain quality : Coarse
Kernel colour : White

Selected from LOCAL (L/458), Type II
Collected from Nalchha Block of Dhar District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White
Suitable for summer season also (Maturity 95 days).

Selected from LOCAL (L/458), Type I
Collected from Nalchha Block of Dhar District.
Maturity period : 107 days
Hull colour : Straw
Grain quality : Long fine
Kernel colour : White, Mild scented

Selected from LALLU-14 (L/112),
Collected from Pipariya Block of Hoshangabad Distt.
Maturity period : 98 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, mild scented

Selected from LALOO (L/21B),
Collected from Pipariya Block of Hoshangabad Distt.
Maturity period : 96 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, scented
Selected from X 3 (Pipariya)

Collected from Pipariya Block of Hoshangabad District.
Maturity period : 95 days
Hull colour : Red
Grain quality : Medium fine
Kernel colour : White, mild scented

Selected from SUKHDAAS (S/327),

Collected from Shahpara Block of Jabalpur District.
Maturity period : 102 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from SOHAN DHAN (S/530),

Collected from Badnawar Block of Dhar District.
Maturity period : 107 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White

Selected from NILAM DHAN (N/359),

Collected from Badnawar Block of Dhar District.
Maturity period : 107 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White

Selected from RATUA (R/126),

Collected from Pratappur Block of Sarguja District.
Maturity period : 101 days
Hull colour : Light red
Grain quality : Coarse
Kernel colour : White

Selected from KATSARI (K/608),

Collected from Pratappur Block of Sarguja District.
Maturity period : 110 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : White

Selected from GURMATIA (G/124),

Collected from Tilda Block of Raipur District.
Maturity period : 107 days
Hull colour : Light brown spots on straw
Grain quality : Coarse
Kernel colour : White

RHR et al
: Selected from MOTI DHLIDHAN (M/322),
Collected from Ranapur Block of Jhabua District.
Maturity period : 107 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

: Selected from RAJOO (R/111),
Collected from Sarangpur Block of Rajgarh District.
Maturity period : 107 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White.

: Selected from CHIPDA (C/183),
Collected from Balhar Block of Balaghat District.
Maturity period : 92 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.

: Selected from LALLU-14 (L/310),
Collected from Seoni Block of Seoni District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, Mild scented.

: Selected from JHUNNA (J/170),
Collected from Sonhat Block of Sarguja District.
Maturity period : 106 days
Hull colour : Amber yellow
Grain quality : Coarse
Kernel colour : White.

: Selected from SIKKI DHAN (S/425),
Collected from Lunka Block of Sarguja District.
Maturity period : 106 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : White.

: Selected from BHADELWA (B/424), (A) Type I
Collected from Ghadadongari Block of Berti District.
Maturity period : 98 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : Red

RHR et al
Selected from BHADELWA (B/442), (B) Type II
Collected from Ghodadongari Block of Betul District.
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from JALKESHAR (J/113),
Collected from Dhimarkheda Block of Jabalpur District.
Maturity period : 108 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from NIWARI (N/295),
Collected from Niwas Block of Mandla District.
Maturity period : 104 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from KAKERI (K/543),
Collected from Barghat Block of Seoni District.
Maturity period : 87 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from KAKERI (HALKI)
Collected from Barghat Block of Seoni District.
Maturity period : 106 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from KAKERI (K/500),
Collected from Barghat Block of Seoni District.
Maturity period : 89 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : White.

Selected from CHIPDA (C/229),
Collected from Barghat Block of Seoni District.
Maturity period : 106 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.
Selected from NAGINA 22 (N/328),
Collected from Bhandar Block of Gwalior District.
Maturity period : 102 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from NAGINA 22 (N/327),
Collected from Bhandar Block of Gwalior District.
Maturity period : 102 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.

Selected from NAGINA 22 (N/329),
Collected from Bhandar Block of Gwalior District.
Maturity period : 105 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from LAKADA (L/401),
Collected from Bhandar Block of Gwalior District.
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from DAND BAKO (D/466),
Collected from Odgi Block of Sarguja District.
Maturity period : 106 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White.

Selected from LAL BATRO (L/292),
Collected from Harrai Block of Chhindwara District.
Maturity period : 104 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White, scented

Selected from SAFED BATRO (S/337),
Collected from Harrai Block of Chhindwara District.
Maturity period : 104 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : White.

RMR et al
Bd:936

: Selected from E.B. 17 (E/13),
  Collected from Seoni Block of Seoni District.
  Maturity period: 108 days
  Hull colour: Light golden yellow
  Grain quality: Coarse
  Kernel colour: White.

Bd:937

: Selected from CHINGI (C/142),
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 104 days
  Hull colour: Straw
  Grain quality: Coarse
  Kernel colour: Red

Bd:938

: Selected from CHAKAR BHATHA (C/144),
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 98 days
  Hull colour: Golden red
  Grain quality: Coarse
  Kernel colour: White, scented notched kernel

Bd:939

: Selected from CHINGI (C/145),
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 106 days
  Hull colour: Straw
  Grain quality: Coarse
  Kernel colour: Red

Bd:940

: Selected from X 2 (Rajnagar)
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 106 days
  Hull colour: Light golden yellow
  Grain quality: Coarse
  Kernel colour: White.

Bd:941-A

: Selected from N. 12 (N/193),
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 104 days
  Hull colour: Light golden yellow
  Grain quality: Coarse
  Kernel colour: White.

Bd:942

: Selected from BAKIYA (B/414),
  Collected from Rajnagar Block of Chhatarpur District.
  Maturity period: 98 days
  Hull colour: Light golden yellow
  Grain quality: Medium
  Kernel colour: White.
Selected from SUKHDAIN (S/240),
Collected from Rajnagar Block of Chhatarpur District.
Maturity period : 89 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White
Suitable for summer season also (Maturity 94 days).

Selected from MUCHCHHAN (M/190),
Collected from Rajnagar Block of Chhatarpur District.
Maturity period : 104 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Selected from CHINGI (C/146),
Collected from Rajnagar Block of Chhatarpur District.
Maturity period : 91 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from LAMASAR (L/454),
Collected from Tyonthar Block of Rewa District.
Maturity period : 80 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from LOCAL SAFRI (L/452)
Collected from Tyonthar Block of Rewa District.
Maturity period : 90 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Selected from KARN PHOOL (K/745),
Collected from Tyonthar Block of Rewa District.
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from SAYARI (S/528),
Collected from Tyonthar Block of Rewa District.
Maturity period : 90 days
Hull colour : Typical golden yellow with furrows
Grain quality : Coarse
Kernel colour : Red
Suitable for summer season also (Maturity 101 days)
Bd:950

Suitable for summer season also (Maturity 101 days).
Selected from SONKHARCHI (S/527),
Collected from Tyonthar Block of Rewa District.
Maturity period : 94 days
Hull colour : Typical golden yellow
Grain quality : Medium fine
Kernel colour : Dull white

Bd:951

Selected from No. 17 (N/186),
Collected from Sohagpur Block of Hoshangabad District.
Maturity period : 92 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:952

Selected from LALLU-14 (L/205),
Collected from Sohagpur Block of Hoshangabad District.
Maturity period : 105 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, mild scented

Bd:953-A

Selected from JHINA LOCAL (J/196) Type I
Collected from Sohagpur Block of Hoshangabad District.
Maturity period : 93 days
Hull colour : Light golden yellow,
Grain quality : Medium fine
Kernel colour : White

Bd:953-B

Selected from JHINA LOCAL (J/196) Type II
Collected from Sohagpur Block of Hoshangabad District.
Maturity period : 107 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Bd:954

Selected from GURMATIA (G/296)
Collected from Jabera Block of Damoh District.
Maturity period : 107 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:955

Selected from LAKHAUA (L/382)
Collected from Jabera Block of Damoh District.
Maturity period : 101 days
Hull colour : Deep red
Grain quality : Coarse
Kernel colour : White

RHR et al
Bd:956

: Selected from ANTARVED (A/217)
  Collected from Jabera Block of Damoh District.
  Maturity period : 101 days
  Hull colour : Golden red
  Grain quality : Medium fine
  Kernel colour : White, Mild scented.

Bd:957

: Selected from BASANT (B/700)
  Collected from Jabera Block of Damoh District.
  Maturity period : 102 days
  Hull colour : Light golden yellow
  Grain quality : Coarse
  Kernel colour : White
  Suitable for Summer season also (Maturity 101 days).

Bd:958

: Selected from LALLO (L/381)
  Collected from Jabera Block of Damoh District.
  Maturity period : 82 days
  Hull colour : Light red
  Grain quality : Medium fine
  Kernel colour : White

Bd:959

: Selected from DHAURA BASANT (D/475)
  Collected from Jabera Block of Damoh District.
  Maturity period : 98 days
  Hull colour : Light golden yellow
  Grain quality : Medium
  Kernel colour : White

Bd:960

: Selected from ANTARVED (A/219)
  Collected from Jabera Block of Damoh District.
  Maturity period : 100 days
  Hull colour : Golden red
  Grain quality : Medium fine
  Kernel colour : White, scented.

Bd:961

: Selected from BASANT (B/699) (B)
  Collected from Jabera Block of Damoh District.
  Maturity period : 100 days
  Hull colour : Straw
  Grain quality : Coarse
  Kernel colour : Red

Bd:962

: Selected from GURMATIA MOTA (G/302)
  Collected from Jabera Block of Damoh District.
  Maturity period : 107 days
  Hull colour : Light golden yellow
  Grain quality : Coarse
  Kernel colour : White.
Selected from SUKHNAS (S/387)
Collected from Ghughari Block of Mandla District.
Maturity period : 110 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White, scented, Notched Kernel

Selected from URABUTA (U/64)
Collected from Ghughari Block of Mandla District
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from SURJEET (S/301)
Collected from Ghughari Block of Mandla District
Maturity period : 109 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White

Selected from CHIRONJI (C/228)
Collected from Ghughari Block of Mandla District
Maturity period : 94 days
Hull colour : Light red
Grain quality : Coarse
Kernel colour : White

Selected from MAHUA DETA (M/266)
Collected from Ghughari Block of Mandla District
Maturity period : 110 days
Hull colour : Deep-red
Grain quality : Medium
Kernel colour : White

Selected from SURYA JOT (S/390)
Collected from Ghughari Block of Mandla District
Maturity period : 100 days
Hull colour : Typical golden yellow tending towards red.
Grain quality : Coarse
Kernel colour : White

Selected from RAGHUNATH SAFED (R/116)
Collected from Ghughari Block of Mandla District
Maturity period : 97 days
Hull colour : Whitish
Grain quality : Medium
Kernel colour : White

RHR et al
Selected from SATIHYA (S/389)
Collected from Ghughari Block of Mandla District
Maturity period : 110 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Selected from LALLU-14 (L/297)
Collected from Parasiya Block of Chhindwara District
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, scented.

Selected from RATAD (R/100)
Collected from Parasiya Block of Chhindwara District
Maturity period : 103 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from RATAD (R/104)
Collected from Parasiya Block of Chhindwara District
Maturity period : 92 days
Hull colour : Light red
Grain quality : Coarse
Kernel colour : White.

Selected from MUNCHWALI (M/228)
Collected from Parasiya Block of Chhindwara District
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Selected from RATAD (R/101)
Collected from Parasiya Block of Chhindwara District
Maturity period : 93 days
Hull colour : Light golden yellow
Grain quality : Long fine
Kernel colour : White

Selected from KARDHANA (K/321) Type I
Collected from Parasiya Block of Chhindwara District
Maturity period : 90 days
Hull colour : Deep Brown furrowed
Grain quality : Coarse
Kernel colour : Deep-red

Suitable for summer season also (Maturity, 91 days).

RHR et al
Selected from **KARDHANA (K/321)** Type II

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 102 days
- **Hull colour**: Straw
- **Grain quality**: Coarse
- **Kernel colour**: Red

Selected from **SEDDI (S/339)**

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 110 days
- **Hull colour**: Straw
- **Grain quality**: Coarse
- **Kernel colour**: Red

Selected from **MUNCHHWALI (M/224)**

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 110 days
- **Hull colour**: Light golden yellow
- **Grain quality**: Medium
- **Kernel colour**: White

Selected from **MUNCHHWALI (M/223)**

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 101 days
- **Hull colour**: Light golden yellow
- **Grain quality**: Medium
- **Kernel colour**: White

Selected from **RATAD (R/102)**

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 110 days
- **Hull colour**: Light Brown Furrowed
- **Grain quality**: Coarse
- **Kernel colour**: Red

Selected from **RATAD DESHI (R/99)**

- **Block of**: Parasiya
- **District**: Chhindwara
- **Maturity period**: 96 days
- **Hull colour**: Light golden yellow
- **Grain quality**: Medium
- **Kernel colour**: White.

*RMB et al*
Bd:983
Selected from GURMUKHIA (G/228)
Collected from Parasiya Block of Chhindwara District
Maturity period : 102 days
Hull colour : Light brown furrowed
Grain quality : Coarse
Kernel colour : White.

Bd:984
Selected from LAL RATAD (L/285)
Collected from Parasiya Block of Chhindwara District
Maturity period : 96 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, Mild scented.

Bd:985
Selected from AGNICHAR (A/173)
Collected from Parasiya Block of Chhindwara District.
Maturity period : 110 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : Red

Bd:986
Selected from LAICHI (L/239)
Collected from Byohari Block of Shahdol District
Maturity period : 90 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White

Bd:987
Selected from SARAIYA (S/258)
Collected from Byohari Block of Shahdol District
Maturity period : 80 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Light red

Bd:988
Selected from BHADAILI (B/430)
Collected from Byohari Block of Shahdol District
Maturity period : 85 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White

Bd:989
Selected from KATULI (K/410)
Collected from Byohari Block of Shahdol District
Maturity period : 92 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White
Selected from RAMSHREE (R/79)
Collected from Byohari Block of Shefdo District
Maturity period : 107 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Type I
Collected from Byohari Block of Shahdol District
Maturity period : 99 days
Hull colour : Brown spots on straw
Grain quality : Coarse
Kernel colour : Red

Type II
Collected from Byohari Block of Shahdol District
Maturity period : 63 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Selected from UMARI (U/48)
Collected from Bakawand Block of Bastar District
Maturity period : 104 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from BARIK BHADAINU (B/680) (A)
Collected from Jatara Block of Tikamgarh District
Maturity period : 99 days
Hull colour : Light golden yellow,
Grain quality : Medium fine
Kernel colour : White

Selected from SARIYA (S/455)
Collected from Jatara Block of Tikamgarh District
Maturity period : 80 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from BADI BARIK (B/98)
Collected from Jatara Block of Tikamgarh District
Maturity period : 107 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White
Bd: 996
: Selected from MOTI BAKIYA (M/284)
Collected from Jatara Block of Tikamgarh District
Maturity period : 107 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Bd: 997
: Selected from KORAM (K/346)
Collected from Jatara Block of Tikamgarh District
Maturity period : 107 days
Hull colour : Light golden yellow,
Grain quality : Medium
Kernel colour : White

Bd: 998
: Selected from BATARI (B/695)
Collected from Jatara Block of Tikamgarh District
Maturity period : 94 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.
Suitable for summer season also (Maturity, 98 days).

Bd: 999
: Selected from BATARI (BHADAINU) (B/691)
Collected from Jatara Block of Tikamgarh District
Maturity period : 90 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White.

Bd: 1000
: Selected from BARIK (B/693)
Collected from Jatara Block of Tikamgarh District
Maturity period : 107 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Bd: 1001
: Selected from KOLIHA (K/596)
Collected from Saraipali Block of Raipur District.
Maturity period : 94 days
Hull colour : Light brown furrowed
Grain quality : Coarse
Kernel colour : Red

Bd: 1002
: Selected from JHILLI (J/90)
Collected from Saraipali Block of Raipur District.
Maturity period : 104 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : Dull white
Bd:1003
- Selected from HARISHANKER (H/55)
  - Collected from Saraipali Block of Raipur District.
  - Maturity period: 102 days
  - Hull colour: Deep-red
  - Grain quality: Coarse
  - Kernel colour: White.

Bd:1004
- Selected from GURMATIA (G/277)
  - Collected from Saraipali Block of Raipur District.
  - Maturity period: 104 days
  - Hull colour: Light brown spots on straw
  - Grain quality: Coarse
  - Kernel colour: White.

Bd:1005
- Selected from SARIA (S/450)
  - Collected from Saraipali Block of Raipur District.
  - Maturity period: 106 days
  - Hull colour: Light black
  - Grain quality: Coarse
  - Kernel colour: Red

Bd:1006
- Selected from DHOURA MALIHA (D/456)
  - Collected from Saraipali Block of Raipur District.
  - Maturity period: 106 days
  - Hull colour: Light golden yellow
  - Grain quality: Medium
  - Kernel colour: White.

Bd:1007
- Selected from MATHULI (M/195)
  - Collected from Laudi Block of Chhatarpur District
  - Maturity period: 95 days
  - Hull colour: Whitish
  - Grain quality: Coarse
  - Kernel colour: White.

Bd:1008
- Selected from SHAKKAR CHINI (S/259)
  - Collected from Laudi Block of Chhatarpur District
  - Maturity period: 92 days
  - Hull colour: Light golden yellow,
  - Grain quality: Medium
  - Kernel colour: White

Bd:1009
- Selected from PATHARIYA (P/146)
  - Collected from Laudi Block of Chhatarpur District
  - Maturity period: 96 days
  - Hull colour: Whitish
  - Grain quality: Coarse
  - Kernel colour: White
Bd:1010
: Selected from KAPURI (K/409)
Collected from Laudi Block of Chhatarpur District
Maturity period : 87 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White, mild scented.

Bd:1011
: Selected from BANSPOR (B/434)
Collected from Laudi Block of Chhatarpur District
Maturity period : 102 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Bd:1012
: Selected from BALARA (B/433)
Collected from Laudi Block of Chhatarpur District
Maturity period : 102 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Bd:1013
: Selected from A.D.T.27 (A/249)
Released from the Rice Research Station, Aduthurai (Madras): A hybrid Selection from a cross between a Japonica variety NARIN 8 and GEB 24, a popular improved variety of Madras: A high yielding non-lodging Selection, which responds to heavy manuring.
Collected from Fingeshwar Block of Raipur District
Maturity period : 86 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:1014
: Selected from GANDHAK (G/270)
Collected from Fingeshwar Block of Raipur District
Maturity period : 110 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, Highly scented.

Bd:1015
: Selected from DESHI SAFRI (D/196)
Collected from Fingeshwar Block of Raipur District
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White
Selected from OFF PLANT (0/5)
Collected from Fingeshwar Block of Raipur District
Maturity period : 110 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, scented.

Selected from R-4 (R/154)
Collected from Fingeshwar Block of Raipur District
Maturity period : 110 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : White

Selected from BHEJARI (B/646)
Collected from Fingeshwar Block of Raipur District
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Selected from OFF PLANT (0/20)
Collected from Fingeshwar Block of Raipur District
Maturity period : 95 days
Hull colour : Red
Grain quality : Medium
Kernel colour : White

Selected from KHURABAN (K/742)
Collected from Fingeshwar Block of Raipur District
Maturity period : 110 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from GANDHAK (G/271)
Collected from Fingeshwar Block of Raipur District
Maturity period : 102 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : White, scented

Selected from BHADO KAKAR (B/242)
Collected from Fingeshwar Block of Raipur District
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White
Bd:1023 : Selected from DESHI RATAD (D/317)
Collected from Bhainsdehi Block of Betul District
Maturity period : 99 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Bd:1026 : Selected from ASSAMCHUDI 95 (A/64)
Collected from Kawardha Block of Rajnandgaon District
Maturity period : 110 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White

Bd:1027 : Selected from KANJI (K/700)
Collected from Pawai Block of Panna District
Maturity period : 97 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Bd:1028 : Selected from NIWARI (N/344)
Collected from Pawai Block of Panna District
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:1029 : Selected from BANSPOR (B/755)
Collected from Pawai Block of Panna District
Maturity period : 96 days
Hull colour : Light golden yellow
Grain quality : Long fine
Kernel colour : White
Suitable for summer season also (Maturity, 103 days).

Bd:1030 : Selected from KHAIRA BASANT (K/112)
Collected from Pawai Block of Panna District
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White

Bd:1031 : Selected from ANTARVED (A/237)
Collected from Pawai Block of Panna District
Maturity period : 86 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White
<table>
<thead>
<tr>
<th>Variety</th>
<th>Selected From</th>
<th>Location</th>
<th>Maturity Period</th>
<th>Hull Colour</th>
<th>Grain Quality</th>
<th>Kernel Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>GANNA LOCAL</td>
<td>(G/48)</td>
<td>Panna District</td>
<td>85 days</td>
<td>Red</td>
<td>Coarse</td>
<td>Red</td>
</tr>
<tr>
<td>NEWARI (N/343)</td>
<td></td>
<td>Panna District</td>
<td>101 days</td>
<td>Light golden yellow</td>
<td>Coarse</td>
<td>White</td>
</tr>
<tr>
<td>RAMKARONI (R/141)</td>
<td></td>
<td>Panna District</td>
<td>65 days</td>
<td>Straw</td>
<td>Coarse</td>
<td>White</td>
</tr>
<tr>
<td>KOTO (K/695)</td>
<td></td>
<td>Panna District</td>
<td>85 days</td>
<td>Straw</td>
<td>Coarse</td>
<td>Red</td>
</tr>
<tr>
<td>ANTARVED (A/233)</td>
<td></td>
<td>Panna District</td>
<td>101 days</td>
<td>Golden red</td>
<td>Medium fine</td>
<td>White</td>
</tr>
<tr>
<td>KANJO (K/894)</td>
<td></td>
<td>Panna District</td>
<td>87 days</td>
<td>Light black</td>
<td>Coarse</td>
<td>Red</td>
</tr>
<tr>
<td>RANIKAJAR (LOCAL) (R/28)</td>
<td></td>
<td>Panna District</td>
<td>96 days</td>
<td>Light golden yellow</td>
<td>Coarse</td>
<td>White</td>
</tr>
</tbody>
</table>
Bd: 1039
: Selected from **ANTARBED (LOCAL)** (A/29)
Collected from Pawai Block of Panna District
Maturity period : 96 days
Hull colour : Golden red
Grain quality : Medium fine
Kernel colour : Red

Bd: 1040
: Selected from **NIWAR (LOCAL)** (N/25)
Collected from Pawai Block of Panna District
Maturity period : 97 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd: 1041
: Selected from **NIWAR (LOCAL)** (N/26)
Collected from Pawai Block of Panna District
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.
Suitable for Summer season also (Maturity 105 days).

Bd: 1042
: Selected from **KARDHANA (K/647)**
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 85 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Bd: 1043
: Selected from **GAJKESHAR (G/294)**
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 87 days
Hull colour : Golden red
Grain quality : Coarse
Kernel colour : Red

Bd: 1044
: Selected from **SAFED SATIYA (S/459)**
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 83 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White

Bd: 1045
: Selected from **BADI BARIK (B/898)**
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 92 days
Hull colour : Whitish
Grain quality : Medium
Kernel colour : White.
Selected from NITKAR (N/320)
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 105 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from CHINGI (C/263)
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 95 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from KALUNJI (K/649)
Collected from Baldeogarh Block of Tikamgarh District.
Maturity period : 96 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.

Selected from NUNGI (N/40)
Collected from Rithi Block of Jabalpur District.
Maturity period : 85 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from LOHADI (L/33)
Collected from Sinhawal Block of Sidhi District.
Maturity period : 88 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.
Suitable for summer season also (Maturity 100 days).

Selected from SONKHARCHI (S/42)
Collected from Sinhawal Block of Sidhi District.
Maturity period : 101 days
Hull colour : Typical golden yellow
Grain quality : Medium fine
Kernel colour : White.

Selected from KOTWA (K/61)
Collected from Sinhawal Block of Sidhi District.
Maturity period : 96 days
Hull colour : Brown furrowed
Grain quality : Coarse
Kernel colour : Red
Bd: 1055
Selected from \textit{PORA SATHIKA} (P/254)
Collected from Gariaband Block of Raipur District.
Maturity period : 90 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Bd: 1056
Selected from \textit{DAHL BINJO} (D/491)
Collected from Gariaband Block of Raipur District.
Maturity period : 97 days
Hull colour : Black
Grain quality : Coarse
Kernel colour : Light red

Bd: 1057
Selected from \textit{BHATA JHILLI} (B/729)
Collected from Gariaband Block of Raipur District.
Maturity period : 59 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White

Bd: 1058
Selected from \textit{BHATHA GOYANDI} (B/730)
Collected from Gariaband Block of Raipur District.
Maturity period : 96 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : White
Suitable for Summer season also (Maturity: 105 days)

Bd: 1059
Selected from \textit{BHATHA GOYANDI} (B/726)
Collected from Gariaband Block of Raipur District.
Maturity period : 92 days
Hull colour : Whitish
Grain quality : Coarse
Kernel colour : White.
Selected from JIRA DHAN (J/50)
Collected from Bhawara Block of Jhabua District.
Maturity period : 93 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White.

Selected from BAKAL RED (B/396)
Collected from Shajapur Block of Shajapur District.
Maturity period : 104 days
Hull colour : Typical golden yellow
Grain quality : Medium
Kernel colour : Dull white

Selected from RAJORI (R/74)
Collected from Shajapur Block of Sarguja District.
Maturity period : 100 days
Hull colour : Straw
Grain quality : Medium
Kernel colour : Red

Selected from BADI CHINGI (B/139)
Collected from Badé Malhara Block of Chhatarpur Dist.
Maturity period : 95 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Selected from AMAR JYOTI (A/203)
Collected from Bichhiya Block of Mandla District
Maturity period : 84 days
Hull colour : Red
Grain quality : Medium fine
Kernel colour : White, Mild scented.

Selected from MOHALAIN BANKO (M/333)
Collected from Balkunthpur Block of Sarguja Distt.
Maturity period : 93 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Dull white.

Selected from NUNGI (N/246)
Collected from Panagar Block of Jabalpur District
Maturity period : 94 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.
Fig. 6: A view of High Yielding Indigenous Rice varieties, found suitable in the Malwa tract.
(Govt. Seed Multiplication Farm, Phanda)
District: Bhopal 11-10-77.
Bd:1069 : Selected from DESHI (D/369)
Collected from Burhanpur Block of Khandwa District
Maturity period : 102 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White.

Bd:1070 : Selected from MANCHA (M/35)
Collected from Bastanar Block of Bastar District
Maturity period : 78 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : White.

Bd:1071 : Selected from BUDALI (B/752)
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:1072 : Selected from NIWARI (N/340)
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:1073 : Selected from CHHATRI (C/284)
Collected from Shahnagar Block of Panna District.
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White.

Bd:1074 : Selected from SIKIYA (S/493)
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Bd:1075 : Selected from ANTARVED (A/234)
Collected from Shahnagar Block of Panna District.
Maturity period : 93 days
Hull colour : Golden red
Grain quality : Medium fine
Kernel colour : White
Suitable for summer season also (Maturity 104 days).

RHR et al
Bd:1076 : Selected from DHOUR (D/524)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:1077 : Selected from NEWARI (N/342)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 101 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Bd:1078 : Selected from PATHARIYA (P/271)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 104 days
Hull colour : Red with furrows
Grain quality : Coarse
Kernel colour : White.

Bd:1079 : Selected from SAUTA (S/492)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:1080 : Selected from KHAIRA BASANT (K/696) (B)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light black
Grain quality : Coarse
Kernel colour : Red

Bd:1081 : Selected from JHULAR (J/189) (A)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Long fine
Kernel colour : White

Bd:1082 : Selected from KHER BASANT (K/702)
Collectcd from Shahnagar Block of Panna District.
Maturity period : 103 days
Hull colour : Red
Grain quality : Medium fine
Kernel colour : Red

RHR et al
Ed: 1083

: Selected from BUDALI (B/751)
Collected from Shahnagar Block of Panna District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Ed: 1084

: Selected from BADAL PHOOL (B/821)
Collected from Raipur Karchulian Block of Rewa District.
Maturity period : 105 days
Hull colour : Straw
Grain quality : Medium fine
Kernel colour : Dull white

Ed: 1085

: Selected from AJAN (A/250)
Collected from Raipur Karchulian Block of Rewa District.
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White

Ed: 1086

: Selected from LAL BHATA PHOOL (L/451)
Collected from Raipur Karchulian Block of Rewa District.
Maturity period : 101 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White, mild scented

Ed: 1087

: Selected from NEWARI (N/358)
Collected from Raipur Karchulian Block of Rewa District.
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Ed: 1088

: Selected from DIHULA (D/552)
Collected from Raipur Karchulian Block of Rewa District.
Maturity period : 101 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Light red

Ed: 1089

: Selected from LOHADI (Halki) (L/450)
Collected from Raipur Karchulian Block of Rewa District
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

RMB et al
Bd:1090

Type I
Selected from HARWA (H/130) Type I
Collected from Pandhana Block of Khandwa District.
Maturity period : 93 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White.

Bd:1090

Type II
Selected from HARWA (H/130) Type II
Collected from Pandhana Block of Khandwa District.
Maturity period : 97 days
Hull colour : Light golden yellow
Grain quality : Long fine
Kernel colour : White.

Bd:1091

Selected from SUKALI (S/540)
Collected from Pandhana Block of Khandwa District.
Maturity period : 104 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White, Scented

Bd:1092

Selected from NAGINA (N/23)
Collected from Hanumana Block of Rewa District.
Maturity period : 99 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.

Bd:1093

Selected from KARMI (K/109)
Collected from Hanumana Block of Rewa District.
Maturity period : 99 days
Hull colour : Light Brown Furrowed
Grain quality : Coarse
Kernel colour : Deep-red

Bd:1094

Selected from KARHANI (K/520)
Collected from Badwara Block of Jabalpur District.
Maturity period : 98 days
Hull colour : Black
Grain quality : Coarse
Kernel colour : Red

Bd:1095

Selected from NUNGI (N/45)
Collected from Badwara Block of Jabalpur District.
Maturity period : 106 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White.
Selected from LALLOO (L/208)
Collected from Bankhedi Block of Hoshangabad Dist
Maturity period: 94 days
Hull colour: Light red
Grain quality: Medium fine
Kernel colour: White, scented

Selected from No. 18 (N/188)
Collected from Bankhedi Block of Hoshangabad Dist
Maturity period: 97 days
Hull colour: Golden yellow
Grain quality: Coarse
Kernel colour: White

Selected from No. 18 (N/189)
Collected from Bankhedi Block of Hoshangabad Dist
Maturity period: 104 days
Hull colour: Golden yellow
Grain quality: Coarse
Kernel colour: White

Selected from BANSPOR (B/125 (A)
Collected from Rampur Baghelan Block of Satna Dist
Maturity period: 105 days
Hull colour: Light golden yellow
Grain quality: Medium
Kernel colour: White

Selected from JALKESHAR (J/19)
Collected from Rampur Baghelan Block of Satna Dist
Maturity period: 103 days
Hull colour: Golden yellow
Grain quality: Coarse
Kernel colour: White

Selected from KARGI (K/108)
Collected from Uchhara Block of Satna District.
Maturity period: 101 days
Hull colour: Light black
Grain quality: Coarse
Kernel colour: Red

Selected from BANSPOR (B/127 (B)
Collected from Uchhara Block of Satna District
Maturity period: 101 days
Hull colour: Straw
Grain quality: Long fine
Kernel colour: Red
Bd:1103 : Selected from SAFED DHAN (S/332)
Collected from Petlawad Block of Jhabua District.
Maturity period : 106 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : Dull white

Bd:1104 : Selected from LAL BAKHLA (L/461)
Collected from Petlawad Block of Jhabua District.
Maturity period : 98 days
Hull colour : Light red
Grain quality : Medium
Kernel colour : White

Bd:1105 : Selected from KATULI (K/98)
Collected from Budhar Block of Shahdol District.
Maturity period : 95 days
Hull colour : Typical golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:1106 : Selected from SULTO (S/141) (A1)
Collected from Balaghat Block of Balaghat District.
Maturity period : 104 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Bd:1107 : Selected from No. 17 (N/122)
Collected from Balaghat Block of Balaghat District.
Maturity period : 102 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:1108 : Selected from No. 22 (N/204)
Collected from Isanagar Block of Chhatarpur District.
Maturity period : 104 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Bd:1109 : Selected from NITKAR (N/205)
Collected from Isanagar Block of Chhatarpur District.
Kernel colour : 101 days
Maturity period : Light golden yellow
Hull colour : Coarse
Grain quality : White
Suitable for summer season also (Maturity 93 days).
Selected from BAKIYA (B/432)
Collected from Isanagar Block of Chhatarpur District.
Maturity period : 100 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Selected from LALLO (L/222)
Collected from Hoshangabad Block Hoshangabad District.
Maturity period : 94 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White, Mild scented

Selected from LALLOO (L/221)
Collected from Hoshangabad Block Hoshangabad District.
Maturity period : 100 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White

Selected from CHHATRI (C/140)
Collected from Hoshangabad Block Hoshangabad District.
Maturity period : 96 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from NEWARI (DESHI) (N/15)
Collected from Ramnagar Block of Satna District.
Maturity period : 104 days
Hull colour : Light golden yellow
Grain quality : Coarse
Kernel colour : White

Selected from SIRLER (S/228)
Collected from Lakhanpur Block of Sarguja District.
Maturity period : 100 days
Hull colour : Straw
Grain quality : Coarse
Kernel colour : Red

Selected from FENI (F/10)
Collected from Lakhanpur Block of Sarguja District.
Maturity period : 100 days
Hull colour : Golden yellow
Grain quality : Medium
Kernel colour : Dull white
Selected from CHANGGI (C/150)
Collected from Bakaśwaha Block of Chhatarpur Dist.
Maturity period : 108 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Selected from BYORA (B/284)
Collected from Simga Block of Raipur District
Maturity period : 108
Hull colour : Red with furrows
Grain quality : Coarse
Kernel colour : White

Selected from E-1 (E/17)
Collected from Rajnandgaon Block of Rajnandgaon District
Maturity period : 101 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Selected from THUMKI (T/23)
Collected from Katghora Block of Bilaspur District.
Maturity period : 105 days
Hull colour : Brown with furrows
Grain quality : Coarse
Kernel colour : White

Selected from WANASPATI (W/12)
Collected from Sonkachchh Block of Dewas District
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White, mild scented

Selected from DESHI DHAN (D/554)
Collected from Jobat Block of Jhabua District.
Maturity period : 108 days
Hull colour : Light golden yellow
Grain quality : Medium
Kernel colour : White

Selected from SARAIYA (KOLIHA CHINGAR) (S/185)
Collected from Raigarh Block of Raigarh District
Maturity period : 100 days
Hull colour : Light brown spots on straw with furrows
Grain quality : Coarse
Kernel colour : Light red

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Bd:1124 : Selected from GURMATIA (G/290)
Collected from Damoh Block of Damoh District
Maturity period : 101 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White

Bd:1125 : Selected from GURMATIA (G/289)
Collected from Damoh Block of Damoh District
Maturity period : 106 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White

Bd:1128 : Selected from LALO-14 (L/370)
Collected from Damoh Block of Damoh District
Maturity period : 106 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White

Bd:1127 : Selected from KHERA BASANT (K/644)
Collected from Damoh Block of Damoh District
Maturity period : 98 days
Hull colour : Light golden yellow
Grain quality : Medium fine
Kernel colour : White

Bd:1128 : Selected from LALLO (L/369)
Collected from Damoh Block of Damoh District
Maturity period : 101 days
Hull colour : Light red
Grain quality : Medium fine
Kernel colour : White

Bd:1129 : Selected from NUNGI (N/316)
Collected from Damoh Block of Damoh District
Maturity period : 104 days
Hull colour : Light golden yellow,
Grain quality : Coarse
Kernel colour : White

Bd:1130 : Selected from GURMATIA NO. 17 (G/288)
Collected from Damoh Block of Damoh District
Maturity period : 103 days
Hull colour : Golden yellow
Grain quality : Coarse
Kernel colour : White
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<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
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<td>Bd:1132</td>
<td>Selected from <strong>ANTARVED</strong> (A/213)</td>
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<td>Bd:1133</td>
<td>Selected from <strong>E.B.17</strong> (E/14)</td>
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<td>Bd:1134</td>
<td>Selected from <strong>SAFED</strong> (S.451)</td>
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<td>Grain quality</td>
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<td>Bd:1135 (A')</td>
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<td>Collected from Damoh Block of Damoh District</td>
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THE OTHER SELECTIONS ARE BRIEFLY RECORDED BELOW:

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<tr>
<th>Selection No</th>
<th>Origin (Rice Variety)</th>
<th>Accession No</th>
<th>Location of Collection Block/District</th>
<th>Maturity period in days</th>
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<tr>
<td>1. Ed:1151</td>
<td>Shyam Batro</td>
<td>S/336</td>
<td>Harrai/Chhindwara</td>
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<tr>
<td>2. Ed:1198</td>
<td>Luchai</td>
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<td>Bichhiya/Mandla</td>
<td>120 days</td>
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<td>3. Ed:1315</td>
<td>Machhari Aankhi</td>
<td>M/461</td>
<td>Nagri/Raipur</td>
<td>85 days (Suitable for summer season also) Maturity, 90 days.</td>
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<tr>
<td>4. Ed:1368</td>
<td>Sathiyi</td>
<td>S/637</td>
<td>Durgukondal/Bastar</td>
<td>90 days. Suitable for Summer season also (103 days)</td>
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<tr>
<td>5. Ed:1375</td>
<td>Karhani</td>
<td>K/1107</td>
<td>Jaisinghnagar/Shahdol</td>
<td>99 days. Suitable for summer season also (86 days)</td>
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<tr>
<td>6. Ed:1377</td>
<td>Lallu-14</td>
<td>L/50</td>
<td>Antagarh/Bastar</td>
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<tr>
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<td>Patharia</td>
<td>P/348</td>
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<tr>
<td>8. Ed:1396</td>
<td>Bodeli</td>
<td>B/1024</td>
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<tr>
<td>10. Fd:1438</td>
<td>Barhi</td>
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<td>Bharatpur/Sarguja</td>
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<td>12. B:1440</td>
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<td>Tikamgarh/Tikamgarh</td>
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<td>13. B:1441</td>
<td>Batri</td>
<td>B/1074</td>
<td>Tikamgarh/Tikamgarh</td>
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<td>16. B:1444</td>
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<td>L/664</td>
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<td>Niwari</td>
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<td>Bd:1446</td>
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<td>Bd:1450</td>
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<td>Bd:1451</td>
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*Suitable for summer season also (105 days)*
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<td>S/718</td>
<td>Jaithari/Shahdol</td>
<td>101 days</td>
</tr>
<tr>
<td>Bd:1614</td>
<td>Pohasal</td>
<td>P/380</td>
<td>Khilchipur/Rajgarh</td>
<td>113 days</td>
</tr>
<tr>
<td>Bd:1615</td>
<td>Raikela</td>
<td>R/221</td>
<td>Majhaul/Sidhi</td>
<td>109 days</td>
</tr>
<tr>
<td>Bd:1616</td>
<td>Surmatia</td>
<td>S/127</td>
<td>Dondi/Durg</td>
<td>110 days</td>
</tr>
<tr>
<td>Bd:1617</td>
<td>Sotlo</td>
<td>S/378</td>
<td>Bagbahara/Raipur</td>
<td>109 days</td>
</tr>
<tr>
<td>Bd:1618</td>
<td>Sukhdas</td>
<td>S/653</td>
<td>Tikamgarh/Tikamgarh</td>
<td>102 days</td>
</tr>
<tr>
<td>Bd:1619</td>
<td>Saraiphol</td>
<td>S/734</td>
<td>Mandla/Mandla</td>
<td>101 days</td>
</tr>
<tr>
<td>Bd:1620</td>
<td>Seta</td>
<td>S/806</td>
<td>Anooppur/Shahdol</td>
<td>103 days</td>
</tr>
<tr>
<td>Bd:1621</td>
<td>Tamba</td>
<td>T/125</td>
<td>Jhabua/Jhabua</td>
<td>98 days</td>
</tr>
<tr>
<td>Bd:1622</td>
<td>Talai Ki Sunhari</td>
<td>T/127</td>
<td>Ranapur/Jhabua</td>
<td>95 days</td>
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<tr>
<td></td>
<td>Dhan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bd:1623</td>
<td>X1 (Vaidhan)</td>
<td></td>
<td>Vaidhan/Sidhi</td>
<td>104 days</td>
</tr>
</tbody>
</table>

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III A List of Popularly grown, Dwarf Early Maturing Types:

Badal Phool (Bd : 21)
Dhour (Bd : 23)
J. S. 5 (J X I) (Bd : 49)
Ratna
Anupma
Bala
Cauvery
Geeta
Kranti
Bangoli 3
C R M 13-3241
Kalinga 2 (Bd : 1419)
R 155-355
R 155-341

IV Other Information:
(i) NUTRITIVE VALUE OF RICE AND RICE PRODUCTS *

<table>
<thead>
<tr>
<th>Rice &amp; Rice Products</th>
<th>Per 100 qms (edible)</th>
<th>Minerals</th>
<th>Corbohydrate</th>
<th>Caloric value</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Moisture</td>
<td>Protein</td>
<td>Fat</td>
<td></td>
</tr>
<tr>
<td>1. Rice (Hand pounded)</td>
<td>13.3</td>
<td>7.5</td>
<td>1.0</td>
<td>0.9</td>
</tr>
<tr>
<td>2. Rice (milled)</td>
<td>13.7</td>
<td>6.8</td>
<td>0.5</td>
<td>0.6</td>
</tr>
<tr>
<td>3. Rice (Wooden Hand Milled)</td>
<td>14.1</td>
<td>7.2</td>
<td>2.3</td>
<td>1.3</td>
</tr>
<tr>
<td>4. Rice Bran</td>
<td>11.0</td>
<td>13.5</td>
<td>16.2</td>
<td>6.6</td>
</tr>
<tr>
<td>5. Rice flex (Poha)</td>
<td>12.2</td>
<td>6.5</td>
<td>1.2</td>
<td>2.0</td>
</tr>
<tr>
<td>6. Rice Murra (Murmura, Rice papad)</td>
<td>14.7</td>
<td>7.5</td>
<td>0.1</td>
<td>3.8</td>
</tr>
</tbody>
</table>

## (ii) Water Requirement of Rice

<table>
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<tr>
<th>Particulars</th>
<th>Jan</th>
<th>Feb</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Average rainfall for 20 years (1957–76)</td>
<td>0.26</td>
<td>0.55</td>
<td>1.05</td>
<td>0.55</td>
<td>1.41</td>
<td>5.33</td>
<td>14.44</td>
<td>12.46</td>
<td>7.36</td>
<td>2.18</td>
<td>0.20</td>
<td>0.19</td>
<td>45.98</td>
</tr>
<tr>
<td>2. Rainfall for 1977 (ideal)</td>
<td>0.00</td>
<td>0.13</td>
<td>0.10</td>
<td>0.76</td>
<td>1.20</td>
<td>4.49</td>
<td>11.67</td>
<td>18.09</td>
<td>10.30</td>
<td>0.28</td>
<td>1.47</td>
<td>0.00</td>
<td>48.49</td>
</tr>
<tr>
<td>3 Rainfall for 1971</td>
<td>0.92</td>
<td>0.67</td>
<td>1.02</td>
<td>1.40</td>
<td>1.94</td>
<td>14.93</td>
<td>13.85</td>
<td>11.62</td>
<td>5.01</td>
<td>3.31</td>
<td>0.00</td>
<td>0.00</td>
<td>54.67</td>
</tr>
</tbody>
</table>


**A. Heavy Soils:**

1. Early duration (125 days)
   - Total water required (including effective rainfall) | 14.41 | 10.12 | 12.72 | 8.98 |
   - Irrigation water required (in addition to effective rainfall) | 1.91  | 0.83  | 8.35  | 6.38 |

2. Medium duration (140 days)
   - Total water required (including effective rainfall) | 14.33 | 9.96  | 12.76 | 10.79 |
   - Irrigation water required (in addition to effective rainfall) | 1.85  | 0.67  | 8.43  | 10.08 |

**B. Light Soils:**

1. Early duration (125 days)
   - Total water required (including effective rainfall) | 16.97 | 13.82 | 16.33 | 11.57 |
   - Irrigation water required (in addition to effective rainfall) | 4.49  | 4.52  | 11.96 | 8.93 |

2. Medium duration (140 days)
   - Total water required (including effective rainfall) | 16.89 | 13.66 | 16.37 | 14.48 |
   - Irrigation water required (in addition to effective rainfall) | 4.41  | 4.37  | 12.04 | 11.81 |

---


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(iii) Area, Production and yield of rice in different years in Madhya Pradesh

<table>
<thead>
<tr>
<th>Year</th>
<th>Rice Production in '000 tons</th>
<th>Average yield of rice Kg/Ha.</th>
</tr>
</thead>
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<tr>
<td>1956-57</td>
<td>3316</td>
<td>898</td>
</tr>
<tr>
<td>1960-61</td>
<td>3449</td>
<td>881</td>
</tr>
<tr>
<td>1961-62</td>
<td>3488</td>
<td>881</td>
</tr>
<tr>
<td>1962-63</td>
<td>2348</td>
<td>584</td>
</tr>
<tr>
<td>1963-64</td>
<td>3303</td>
<td>824</td>
</tr>
<tr>
<td>1964-65</td>
<td>3478</td>
<td>885</td>
</tr>
<tr>
<td>1965-66</td>
<td>1694</td>
<td>427</td>
</tr>
<tr>
<td>1966-67</td>
<td>1905</td>
<td>480</td>
</tr>
<tr>
<td>1967-68</td>
<td>3187</td>
<td>805</td>
</tr>
<tr>
<td>1968-69</td>
<td>2898</td>
<td>711</td>
</tr>
<tr>
<td>1969-70</td>
<td>3225</td>
<td>784</td>
</tr>
<tr>
<td>1970-71</td>
<td>3697</td>
<td>893</td>
</tr>
<tr>
<td>1971-72</td>
<td>3702</td>
<td>866</td>
</tr>
<tr>
<td>1972-73</td>
<td>3083</td>
<td>666</td>
</tr>
<tr>
<td>1973-74</td>
<td>3647</td>
<td>849</td>
</tr>
<tr>
<td>1974-75</td>
<td>2421</td>
<td>565</td>
</tr>
<tr>
<td>1975-76</td>
<td>3349</td>
<td>886</td>
</tr>
<tr>
<td>1976-77</td>
<td>2835</td>
<td>609</td>
</tr>
<tr>
<td>1977-78</td>
<td>4393</td>
<td>992</td>
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</tbody>
</table>

(iv) Area, Production and average yield of rice [1970-76] in different RICE GROWING DISTRICTS OF MADHYA PRADESH

<table>
<thead>
<tr>
<th>Name of Districts</th>
<th>Yield Kg/Ha. 1970-76</th>
<th>Area in '000 Ha. 1970-76</th>
<th>Production in '000 tons 1970-76</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durg</td>
<td>728.3</td>
<td>348.2</td>
<td>228.2</td>
</tr>
<tr>
<td>Rajnandgaon</td>
<td>711.2</td>
<td>243.8</td>
<td>153.3</td>
</tr>
<tr>
<td>Bastar</td>
<td>811.7</td>
<td>447.8</td>
<td>345.6</td>
</tr>
<tr>
<td>Raipur</td>
<td>942.3</td>
<td>762.5</td>
<td>681.1</td>
</tr>
<tr>
<td>Bilaspur</td>
<td>915.5</td>
<td>636.7</td>
<td>553.6</td>
</tr>
<tr>
<td>Raigarh</td>
<td>818.0</td>
<td>346.1</td>
<td>269.0</td>
</tr>
<tr>
<td>Sarguja</td>
<td>698.5</td>
<td>293.9</td>
<td>196.7</td>
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<tr>
<td>Jabalpur</td>
<td>576.7</td>
<td>124.3</td>
<td>68.5</td>
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<td>Balaghat</td>
<td>927.5</td>
<td>222.2</td>
<td>195.8</td>
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<td>Chhindwara</td>
<td>715.8</td>
<td>21.0</td>
<td>14.4</td>
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<td>Seoni</td>
<td>1106.8</td>
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<td>88.4</td>
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<tr>
<td>Mandla</td>
<td>652.7</td>
<td>121.4</td>
<td>75.1</td>
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<td>693.0</td>
<td>48.9</td>
<td>31.9</td>
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<tr>
<td>Tikamgarh</td>
<td>443.3</td>
<td>26.4</td>
<td>11.1</td>
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<tr>
<td>Panna</td>
<td>434.5</td>
<td>50.0</td>
<td>20.5</td>
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<tr>
<td>Rewa</td>
<td>478.5</td>
<td>103.0</td>
<td>46.9</td>
</tr>
<tr>
<td>Sidhi</td>
<td>416.0</td>
<td>75.8</td>
<td>29.9</td>
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<tr>
<td>Satna</td>
<td>438.8</td>
<td>77.2</td>
<td>31.9</td>
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<td>Shahdol</td>
<td>697.5</td>
<td>196.3</td>
<td>131.9</td>
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<tr>
<td>Jhabua</td>
<td>413.2</td>
<td>26.8</td>
<td>10.5</td>
</tr>
<tr>
<td>Khandwa</td>
<td>1040.7</td>
<td>29.4</td>
<td>28.6</td>
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<tr>
<td>Betul</td>
<td>885.0</td>
<td>28.5</td>
<td>23.8</td>
</tr>
</tbody>
</table>

Total (Average) 706.3 4315.3 3236.7

Figures for Durg & Rajnandgaon represent average of 1972-73 to 1975—76.

<table>
<thead>
<tr>
<th>Rice Variety</th>
<th>धान किस्म</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>ए. डी. टी. 27</td>
<td>45</td>
</tr>
<tr>
<td>A. D. T. 90</td>
<td>ए. डी. टी. 90</td>
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<td>अग्निचर</td>
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<tr>
<td>Ajan</td>
<td>अजन</td>
<td>55</td>
</tr>
<tr>
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<td>अमर ज्योति</td>
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<tr>
<td>Anjan</td>
<td>अनजन</td>
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<tr>
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<td>9, 37, 47, 48, 53, 61, 62</td>
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<tr>
<td>Assamchudi 95</td>
<td>असामचुडी 95</td>
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<td>बादल फूल</td>
<td>6, 55</td>
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<td>बडवानी 22</td>
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