

SIXTH CENSUS OF MINOR IRRIGATION SCHEMES

REFERENCE YEAR 2017-18

VILLAGE SCHEDULE

I. IDENTIFICATION PARTICULARS

(a) State: _____ Code :
 (b) District: _____ Code :
 (c) Block/Tehsil: _____ Code
 (d) Village: _____ Code
 Date of Enumeration: (DD/MM/YY) - -

II. SPECIFIC INFORMATION:

1. Is Village Tribal/ Non-Tribal ?

Tribal - 1, Non-Tribal -2

Code :

2. (a) Is the Village covered by Major/ Medium Scheme

Yes -1, No -2

Code :

(b) If yes, Name of Major/ Medium Scheme _____

(The information in items 3 to 7 of this schedule shall be based on village records)

3. Geographical Area

In Whole number Ha.

4. Cultivable Area

In Whole number Ha.

5. Net sown Area

In Whole number Ha.

6. Gross Irrigated Area(By all sources)

In Whole number

(i) During Kharif Season

Ha.

(ii) During Rabi Season

Ha.

(iii) For Perennial crops

Ha.

(iv) During Other Season

Ha.

(v) Total Gross Area Irrigated (Item 6 (i)+6(ii)+6(iii)+6(iv)

Ha.

7. Net Area Irrigated (By all sources)

In Whole number

Ha.

8. Average Ground Water level (in Metres)

(i) Pre Monsoon

Mtrs

(ii) Post Monsoon

Mtrs

9. Whether Water Users association (WUA) exists in the village

Yes -1, No -2, Not known-3

Code :

10 Summary of Number of Water bodies as per water body Schedules filled in the village

| Pond | Tank | Lake | Reservoirs | Water conservation Schemes/percolation tanks/check-dams | Others | Total (Col. 1 to 6) |
|----------------------|----------------------|----------------------|----------------------|---|----------------------|----------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

11. Summary of M I Schemes in the village as per all scheme schedules filled.

(i) Ground Water Schemes

No.

(ii) Surface Water Schemes

No.

(iii) Total Schemes

No.

Remarks, if any:

Checked by:

Name:

Designation of Supervisory officer:

Mobile No.:

Signature of Enumerator:

Name:

Designation of Enumerator :

Mobile No:

SIXTH CENSUS OF MINOR IRRIGATION SCHEMES
REFERENCE YEAR 2017-18

SCHEDULE 1 : GROUND WATER SCHEMES

I. IDENTIFICATION PARTICULARS

(a) State: _____ Code: (b) District: _____ Code:
(c) Block/Tehsil: _____ Code: (d) Village: _____ Code:

Date of Enumeration:(DD/MM/YY)

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
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II. SPECIFIC INFORMATION:

1. Serial Number of scheme :

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|

2. Type of Scheme

Dug well-1, Tube well-2

Code:

3.1. If code 1 in item 2 above, type of Dug well:

: Dug-cum-bore well -1, Dug well Pucca -2, Dug well Kutchha -3, Others - 9

Code:

3.2. If code 2 in item 2 above, type of Tube well:

Shallow Tube well-1, Medium Tube well-2, Deep Tube well-3

Code:

4. Owner of the Scheme (Name in case of individual farmer)

Name _____

Code:

Govt. owned - 1, Co-operative owned - 2, Panchayat owned - 3, Owned by Group of farmers - 4,
Owned by individual farmer - 5, Others - 9

5. (a) Khasra number /Plot No./Survey No. in which the scheme is located

(b) Location particulars /Land Mark

6(a). Total ownership Holding of owner (in case of individual owner only)

| | | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|

(b) Social Status of Owner (in case of individual owner only)

Scheduled caste -1, Scheduled tribe - 2, OBC- 3, Others- 9

Code:

(c) Gender of Owner (in case of individual owner only)

Male-1, Female-2, Transgender-3

Code:

7. Year of Commissioning of the Scheme

Up to 2013-2014 - 1, during 2014-15 - 2, during 2015 -16 - 3, during 2016-17 - 4
during 2017-2018-5

Code :

8. Details of the scheme

(a) Depth of the Dug well/Tube well (in meters)

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Mtr |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|

(b) Diameter (In metres for dug well and mm for tube well)

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
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|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

(c) Depth of Bore (in metres) (in case of Dug-cum-borewell)

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Mtr |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|

(d) Distance from any nearest Dug well/Tube well (in meters)

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Mtr |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|

9. (a) Cost of construction of the scheme

(Rs.)

| | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

(b) Cost of machinery

(Rs.)

| | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
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(c) Cost of maintenance during (2017-2018)

(Rs.)

| | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
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|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

10.(a) Major source of finance (upto 2) (For individual owners only)

Bank loan - 1, Government fund - 2, Own savings - 3, Money lender - 4, Others - 9

Code :

10(b). If any subsidy/assistance provided by Govt. / PSU , amount for (For All Schemes)

(i) Construction of Scheme/ drilling/digging

(Rs.)

| | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

(ii) Cost of machinery/ distribution device

(Rs.)

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|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

11. Current Status of the Scheme

- (a) In use - 1, Temporarily Not in Use - 2, Permanently Not in use - 3
(b) If code 2 or 3 in item 11(a), No. of years not in use

Code:

Code:

12. If code 2 in item 11 (a) reason for Temporarily "not in use"

- Non availability of adequate power/fuel - 1, Mechanical break down - 2,
Less discharge of water - 3, Non-availability of finance - 4,
Lack of maintenance - 5, Any other reason - 9

Code:

13. If code 3 in item 11 (a), reason for Permanently "not in use"

- Due to salinity - 1, Dried up - 2, Destroyed beyond repair - 3
Due to sea water intrusion - 4, Due to industrial effluents - 5, Availability of
Major / Medium Irrigation Project - 6, Due to other reasons - 9

Code:

14. Method used for Water distribution

- Open Water Channel (lined / pucca) - 1, Open Water Channel(unlined / kutchra) - 2
Under ground pipe - 3, Surface pipe - 4, Drip - 5, Sprinkler - 6, Other - 9

15. Types of lifting device

- Submersible pump - 1, Centrifugal Pump - 2, Turbine/Jet pump - 3, Manual/animal - 4, Others - 9

Code:

16. Source of energy for lifting device

- Electric - 1, Diesel - 2, Wind Mills - 3, Solar - 4, Manual/animal - 5, Others - 9

17. Horse Power of Lifting device

(ignore if lifting device is manual/animal driven)

HP

18. Number of days pump operated (ignore, if lifting device is manual/animal)

During Kharif season

Days

During Rabi season

Days

For Perennial crops

Days

During Other Season

Days

19. Average hours of pumping per day (ignore, if lifting device is manual/animal)

During Kharif season

Hrs

During Rabi season

Hrs

For Perennial crops

Hrs

During Other Season

Hrs

20 (a) Whether the scheme is located in the command of Major/ Medium Schemes like Canals etc.

- No --- 1
Yes --- 2

Code:

20(b) If Scheme is in command area i.e. code 2 in item 20(a),

(i) Name of command Area: _____

(ii) reasons for Scheme in Command area

- Water not available up to field from major/medium scheme-1, Water available but not adequate for irrigation-2
Water available but not useable for irrigation-3, Other reasons-9

Code:

20 (c) Whether the scheme is meant only for recharge of Ground water Yes-1, No-2
(If yes Keep item 21 to item 31 blank)

21. Culturable Command Area

Ha.

SEASON WISE IRRIGATION POTENTIAL CREATED (IPC)

| | | | | | | | | |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| 22. Kharif | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 23. Rabi | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 24. Perennial | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 25. Other | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 26. Total | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |

Season wise actual area irrigated during 2017-18 (IPU)

| | | | | | | | | |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| 27. Kharif | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 28. Rabi | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 29. Perennial | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 30. Other | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 31. Total | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |

Note (i) If Scheme is out side command area of Major & Medium Scheme then complete IPU is to be reported.

(ii) If the Scheme is in the Command of Major & Medium Scheme then IPU is to be given as supplemented by MI Scheme. Thus the Gross IPU is to be apportioned in the ratio utilised by Major/Medium and MI Scheme.

32(i) Whether the scheme is under utilised (Only for In-use Schemes) Yes-1, No-2 code:

32(ii) If yes i.e. code 1 in item 32(i), reasons for under utilisation of schemes Code:

Non availability of adequate power/fuel - 1, Mechanical break down - 2,

Less discharge of water - 3, Non availability of finance-4, Lack of Maintenance-5

Any other reason-9

Remarks, if any:

Checked by
Name
Designation
Mobile No.:

Signature of enumerator
Name
Designation :
Mobile No.:

SCHEDULE 2 : SURFACE WATER SCHEMES

(a) State: _____ Code :

 (b) District: _____ Code:

(c) Block/Tehsil: _____ Code:

 (d) Village: _____ Code:

| | | | | | | | |
|--|--|-----|--|--|-----|--|--|
| | | 100 | | | 100 | | |
|--|--|-----|--|--|-----|--|--|

| | | | |
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Code: Code: Code: Code:

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| | | | | . | | | |
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На.Code:

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Code: Code :

| | | | | | | |
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| (Rs.) | | | | | | |
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| | | | | | | |
|-------|--|--|--|--|--|--|
| (Rs.) | | | | | | |
|-------|--|--|--|--|--|--|

| | | | | | | |
|-------|--|--|--|--|--|--|
| (Rs.) | | | | | | |
|-------|--|--|--|--|--|--|

Code :

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| |
| |

| | | | | | | |
|-------|--|--|--|--|--|--|
| (Rs.) | | | | | | |
| (Rs.) | | | | | | |

(Rs.)

10. Current Status of the Scheme

- (a) In use - 1, Temporarily Not in Use - 2, Permanently Not in use - 3
(b) If code 2 or 3 in item 10(a), No. of years not in use

Code:

11. If code 2 in item 10 (a) reason for Temporarily "not in use"

Code:

Non availability of adequate power/ fuel - 1, Mechanical break down - 2,
Less discharge of water - 3, Non Availability of finance-4, Storage not filled up fully - 5
Siltation of canal/storage - 6, Breakdown of channels - 7, Any other reason - 9

12. If code 3 in item 10 (a), reason for Permanently "not in use"

Code:

Due to salinity - 1, Dried up - 2, Destroyed beyond repair - 3,
Due to sea water intrusion - 4, Due to industrial effluents - 5, Availability of
Major / Medium Irrigation Project - 6, Due to sinking -7, Due to other reasons - 9

13. Method used for water distribution:

Code:

Open Water Channel (lined / pucca) - 1, Open Water Channel(unlined / kutchha) - 2
Under ground pipe - 3, Surface pipe - 4, Drip - 5, Sprinkler - 6, Others - 9

14. Types of lifting device (Only for Surface lift Scheme)

Submersible pump - 1, Centrifugal Pump - 2, Turbine/Jet pump - 3, Manual/animal - 4, Others - 9

15. Source of energy :(Only for Surface lift scheme)

Code:

Electric - 1, Diesel - 2, Wind Mills - 3, Solar - 4, Manual/animal - 5, Others - 9

16. Horse Power of Lifting device

HP

(ignore if lifting device is manual/animal)

17. Number of days pump operated (ignore, if lifting device is manual/animal)

During Kharif season

Days

During Rabi season

Days

For Perennial crop

Days

During other season

Days

18. Average hours of pumping per day (ignore, if lifting device is manual/animal)

During Kharif season

Hrs

During Rabi season

Hrs

For Perennial crop

Hrs

During Other season

Hrs

19 (a) Whether the scheme is located in the command of Major/ Medium Schemes like Canals etc.

Code:

No --- 1

Yes --- 2

19(b) If Scheme is in command area i.e. code 2 in item 19(a),

(i) Name of command Area _____

(ii) reasons for Scheme in Command area :

Code:

Water not available up to field from major/medium scheme-1, Water available but not adequate for irrigation-2

Water available but not useable for irrigation-3, Other reasons-9

19 (c) Whether the scheme is meant only for recharge of Ground water Yes-1, No-2

(If yes Keep item 20 to item 30 blank)

20. Culturable Command Area

Ha.

SEASON WISE IRRIGATION POTENTIAL CREATED (IPC)

| | | | | | | | | | |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| 21. Kharif | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 22. Rabi | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 23. Perennial | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 24. Other | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 25. Total | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |

Season wise actual area irrigated during 2017-18 (IPU)

| | | | | | | | | | |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| 26. Kharif | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 27. Rabi | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 28. Perennial | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 29. Other | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |
| 30. Total | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | Ha. |

Note (i) If Scheme is out side command area of Major & Medium Scheme then complete IPU is to be reported.

(ii) If the Scheme is in the Command of Major & Medium Scheme then IPU is to be given as supplemented by MI Scheme. Thus the Gross IPU is to be apportioned in the ratio utilised by Major/Medium and MI Scheme.

31(i) Whether the scheme is under utilised (Only for In-use Schemes) Yes-1, No-2 code:

31(ii) If yes i.e. code 1 in item 31(i) , reasons for under utilisation of schemes Code:

Non availability of adequate power/fuel – 1 , Mechanical break down – 2 ,

Less discharge of water - 3 , Storage not filled up fully - 4, Siltation of canal/storage- 5

Breakdown of channels - 6, Any other reason - 9

32. Number of Villages covered by the scheme

33. Specific features of Reservoirs, Tank, Other storages

(a) Designed Storage (in cubic metres)

(b) Filled up Storage (during 2017-18)

Code:

Full - 1 , upto 3/4 - 2 , upto 1/2 - 3, upto 1/4 - 4 , Nil/Negligible filled up - 5

(c) Status of filling up of storage Space

Code:

(based on around 50% filling up of storages during last 5 year)

Filled up every year - 1 , Usually filled up - 2 , Rarely filled up - 3 , Never filled up - 4

34. Specific information relating to Water body

(a) 21 Digit Sl no. as per Water body schedule in which the scheme is functioning

| R/U | State | Distt. | Tehsil/Town/block | Village/Ward | Serial No.- within village/town |
|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

(b) Total number of schemes in the village in above water body.

(c) Sl. number of this scheme within village in the water body

Remarks, if any

Checked by:

Name

Designation

Mobile No.:

Signature of Enumerator:

Name

Designation

Mobile No.: