



कृषि महाविद्यालय, तोंडापूर

ता.कळमनुरी जि. हिंगोली



COLLEGE OF AGRICULTURE TONDAPUR

Tq.kalamnuri Dist.Hingoli

RAWE ECON-476

Agricoss

Jadhav Devanand Sandipan (Beed)

M.9158525365



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH
PARBHANI

COLLEGE OF AGRICULTURE, TONDAPUR

**RURAL AGRICULTURAL WORK EXPERIENCE
(RAWE PROGRAMME-2017)**

Name : Jadhav Devanand Sandipan
Registration No : 43A/COAT/14B
Course No : ECON - 476
Semester : VII (New)
Allotted Village : Bhategaon
Year : 2017-2018



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH
PARBHANI

COLLEGE OF AGRICULTURE, TONDAPUR
RURAL AGRICULTURAL WORK EXPERIENCE
(RAWE PROGRAMME-2017)



This is Certified that Mr./Miss. Jadhav Devanand Sandipan

Reg No 43A/COAT/1418 Has Completed Rawe Schedules and Demonstrations
of Course No ECON-476 As per the syllabus of B.Sc (Agri) VII Semester
as Prescribed by MCAER Pune During the year 2017- 18 His Performance During
The RAWE Programme Has Satisfied.

PROGRAMME OFFICER

UNIVERSITY REPRESENTATIVE


Sign. of SMS
(Internal)

Sign. of SMS
(External)

ACKNOWLEDGEMENT

Change is the rule of nature & agriculture is no exception this with an Intension to make me understand the rural life more closely with the changing scenario in the field of agriculture, this demonstration report is worked out.

I am happy to present the "RAWE PROGRAMME" DEMONSTRATION REPORT 2017-18 in this report I am put the all record of demonstration which conducted by us in village Bhategaon..... This demonstration report contains the information related to demonstration, such as date of demonstration conducted, farmer list such kind of information is put in this report.

My sincere thank to **Dr.S.G.Jadhav** Principal, College of Agriculture Tondapur for providing facilities and encouragement to us.

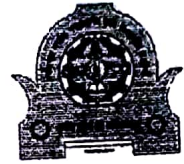
I am thankful to incharge of RAWE programme and SMS's team college of agriculture Tondapur. Specially thanks to my host farmer and also thanks to RAWE Group Bhategaon..... Who have taken appreciable effort for preparation of this RAWE demonstration report 2017-18

Place :- Tondapur

Date :- 09/11/2017

Devi S
Signature of Student's

Jadhav D. S.



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR

RURAL AGRICULTURAL WORK EXPERIENCE

(2017-18)



Student Information :-

Name : Jadhav Devanand Sandipan
Reg. No. : 43 A / COAT / 14 / B
Semester : VII (NEW)
Placement Center : COLLEGE OF AGRICULTURE, TONDAPUR
of which attached : Waranga
Center of which attached : COA_TONDAPUR

Host Farmer Information :-

Farmer Name : Hake Jagdevrao Dattarao
Age : 45
Education : 5 th
Address : Bhategaon Tq. Kalamnuri Dist. Hingoli
Land Holding : 3 ha.
Crops : Soybean, Green gram, Turmeric, Cotton.

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आदर्श गांवकरी

→ आम्हा घरी धन शब्दांचीच रत्ने। शब्दांचीच शस्त्रे यत्न करू। ←

हिंगोली

आदर्श गांवकरी २

सोमवार, दि. १७ जुलै २०१७

आधुनिक तंत्रज्ञान शेतकऱ्यांच्या दारी

▶ तोंडापूर कृषी केंद्राचा नविन उपक्रम

डोंगरकडा/प्रतिनिधी

तोंडापूर येथे कृषी म हाविद्यालयातील विद्यार्थी ग्रामीण कृषी कार्यभूषण कार्यक्रम अंतर्गत कृषी दुत ग्रुप प्रत्यक्ष कृतीतून शेतकऱ्यांना आधुनिक तंत्रज्ञानाचे माहिती देत आहेत.

कृषी विज्ञान केंद्रातील कृषी दूतांनी प्रत्यक्ष कृतीतून शेतकऱ्यांना बीजप्रक्रिया व त्याचे फायदे, माती परिक्षण का करावे, नवीन अजाराची ओळख, पीक नियोजन व शेतीविषयक शासनाच्या विविध योजना, निबोळी अर्क कसे बनवायचे, पाणी व्यवस्थापन, बीज उगवण क्षमता चाचणी, फळबाग

तसेच विविध फळ झाडाचे कलम कसे करावे इत्यासाठी प्रात्यक्षिक दाखवत आहेत. या उपक्रमात भाटेगाव ग्रुपचे कृषीदुत कृषीदुत जाधव देवानंद कृषीदुत जाधव शुभम कृषीदुत जाधव अभिजित कृषीदुत गडबे अरूण कृषीदुत गजभिये स्वप्निल कृषीदुत गड्डमवाड गजानन कृषीदुत जी. व्यंकटेश गौड कृषीदुत डुडेकुला मनसुर यांनी शेतकऱ्यांना माहिती दिली. भाटेगाव येथील कृषीदूतांना प्राचार्य डॉक्टर एस.जी. जाधव कार्यक्रम समन्वयक प्रा.शिंदे सर तसेच विषयतज्ञ प्रा.लोमटे सर (पुद्गाविज्ञान), प्रा.ढवळे सर (उद्यानविद्या), डॉक्टर कांबळे सर (विकृतीशास्त्र), डॉक्टर नवलकर



सर (वनस्पती शरीरशास्त्र) प्रा.जाधव सर (किटकशास्त्र) प्रा.चाढवे सर (पशुविज्ञान) तसेच प्राध्यापिका सोनकुसरे मंडम(कृषी अर्थशास्त्र) व प्राध्यापिका जमदाडे मंडम (कृषी विस्तार शिक्षण) यांनी कृषीदूतांना प्रात्यक्षिकासाठी मदत व मार्गदर्शन केले तसेच माळी जाधव मामा व काशीनाथ टाफे यांनी सहकार्य केले.

ONLINE हिंगोली

कृषिदुतांचा सत्कार

कळमनुरी/प्रतिनिधी

चसंतराव नाईक मराठवाडा कृषी विद्यापीठ व कृषी महाविद्यालय तोंडापूर यांच्या ग्रामीण कृषी कार्यानुभव कार्यक्रम २०१७ अंतर्गत कृषी महाविद्यालय तोंडापूर चे कृषीदूत भाटेगाव येथे जुन महिन्यापासुन कार्यरत होते.कृषी दुतांनी या चार महिन्यामध्ये शेतकऱ्यांना मार्गदर्शन केले. यासाठी ग्रामस्थांनी कृषीदूतांचे आभार मानून निरोप दिला. यावेळी भाटेगाव येथील जगदेवराव हाके, देविदास राठोड, उत्तमराव चायकुळे, संतोष राठोड, बालाजी वायकुळे, सचिन जाधव, रामराव हाके, विजय राठोड, साईनाथ वायकुळे आदी शेतकरी उपस्थित होते.

▶▶ शुक्रवार दि. ३ नोव्हेंबर २०१७



RAWE *Schedules*

①

TECHNO ECONOMIC SURVEY OF
VILLAGE & HOST FARMER.

③

RAWE-AGRICULTURAL ECONOMICS

RAWE SCHEDULE- ECON-I

TECHNO-ECONOMIC SURVEY OF VILLAGE AND HOST FARMER

Name of the student : Jadnav Devanand Sandipan

Registration Number : 43A/C09114D

College : College of Agriculture Tondapur

1) Name of village : Bhategaon

Taluka : Kalamnusi Distance from village (km.) 38.2 km

District : Hingoli Distance from village (km.) 56.31 km

2) Transport and Communication

| Sr.No. | Transport and communication | Distance from Village (km.) | Medical Facilities | Distance from Village (km.) |
|--------|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| 1 | Bus station | 03 km | Primary Health Center | 05 km |
| 2 | Railway station | 30 km | Government Dispensary | 05 km |
| 3 | Post office | 05 km | Government | — |
| 4 | Telephone | . | Private Dispensary | 05 km |
| 5 | Condition of road | poor | Private Hospital | 05 km |
| | | | | |

3. Population of the village

A] Classification of families

| Sr. No. | Occupation | No. of Families |
|---------|---------------------------|-----------------|
| 1 | Agriculturists | 219 |
| 2 | Village artisans | 30 |
| 3 | Landless Agril. Labourers | 45 |
| 4 | Factory Workers | 16 |
| 5 | Lawyers | 1 |
| 6 | Doctors | 1 |
| 7 | Others | — |
| | Total | 312 |

A) Classification of families

| Sr. No. | Occupation | No. of Families |
|---------|---------------------------|-----------------|
| 1 | Agriculturists | 219 |
| 2 | Village artisans | 30 |
| 3 | Landless Agril. Labourers | 45 |
| 4 | Factory Workers | 16 |
| 5 | Lawyers | 1 |
| 6 | Doctors | 1 |
| 7 | Others | - |
| | Total | 312 |

B) Population :- Total Population - 1738

| Sex | Category | Number | | | Percentage to total population |
|-----------|--------------------------------|-------------|------------|-------------|--------------------------------|
| | | Literate | Illiterate | Total | |
| 1. Male | a) Adults (above 35) yrs.) | 200 | 108 | 308 | 17.72% |
| | b) Youth (18 to 35) yrs.) | 362 | 15 | 377 | 21.69% |
| | c) Children | 180 | - | 180 | 10.35% |
| 2. Female | a) Adults (above 35) yrs.) | 130 | 218 | 348 | 20.02% |
| | b) Youth (18 to 35) yrs.) | 268 | 107 | 375 | 21.57% |
| | c) Children | 150 | - | 150 | 8.63% |
| | Total (male and female) | 1290 | 448 | 1738 | |

4. Educational Facilities and Level Of Literacy:

| Sr. No. | Type of Institute | | Number | | Total % |
|---------|-------------------|-------------------------|------------|------------|-------------|
| | | | Males | Female | |
| a) | | Illiterate | 123 | 325 | 25.77% |
| b) | Primary School | Studied upto IV std. | 70 | 76 | 8.40% |
| c) | Middle School | Studied upto VII | 141 | 125 | 15.30% |
| d) | High School | Studied upto X std. | 228 | 190 | 24.05% |
| e) | Jr. College | Studied upto X std. | 132 | 130 | 18.52% |
| f) | College | Graduate | 95 | 25 | 6.90% |
| g) | College | Post Graduate | 16 | 02 | 1.03% |
| | Others | | - | - | - |
| | | Total | 865 | 873 | 100% |

Grand Total 1738

5. Drinking water facilities : (Please tick ✓)

| Sr. No. | Source |
|---------|----------------------------------|
| 1 | Well ✓ |
| 2 | Tanks ✓ |
| 3 | River ✓ |
| 4 | Tap water ✓ |
| 5 | Filtered / Non-filtered Filtered |

6. Marketing Facilities :

| Sr. No. | Type | Available within the village | Nearest place to the village | Distance in (km.) |
|---------|----------------------------|------------------------------|------------------------------|-------------------|
| 1 | Weekly bazaar | - | ✓ | 05km |
| 2 | Regulated market | - | ✓ | 30km |
| 3 | Grocery shop | ✓ | ✓ | 3 km |
| 4 | Vegetable and Fruits stall | - | ✓ | 05km |
| 5 | Milk | ✓ | ✓ | 05km |
| 6 | Fair price shop | - | - | - |

7. Credit Institutions (Source : Group secretary of society)

i) Primary Credit Co-operative society : Bhategaon

Total number of members : 12

Share Capital (Rs.) : -

Total loan supplied during last year :

| Types of Loan | Purpose of Loan (Crop Loan or others) | Name of Finance Institutions | Duration Of Loan | Total Loan Amount | Rate of Interest | No. Of Farmers Borrowed |
|---------------|---------------------------------------|------------------------------|------------------|-------------------|------------------|-------------------------|
| Short Term | Coop | 1 | 1 year | 6687430 | 6% | 103 |
| Medium Term | - | - | - | - | - | - |
| Long Term | - | - | - | - | - | - |

8. Livestock Population (Recent Census) as per grampanchayat record

| Class of Livestock | | Numbers |
|--------------------|----------------------------|---------|
| a) | Draft Animals | |
| | i) Bullocks | 250 |
| | ii) He buffaloes | 60 |
| | Total | 310 |
| b) | Milch animals | |
| | i) Local breed cows | 200 |
| | ii) Crossbred cows | 125 |
| | iii) Buffaloes | 350 |
| | Total | 675 |
| 0 | Calves (below three years) | |
| | i) Local breed cows | 60 |
| | ii) Crossbred cows | 30 |
| | iii) Buffaloes | 50 |
| | Total | 140 |
| d) | Goats | 350 |
| e) | Sheep | 15 |
| f) | Poultry | 4500 |
| g) | Horses | - |
| h) | Donkeys | - |
| i) | Others | - |

9. Total number of houses : - 312

a) Pucca Houses - 149

b) Kachcha Houses - 163

c) Thached Roofs -

10. Facilities for repairs to machinery like tractors, oil engines, electric motors, implements, etc. :

| Sr.No. | Type of machinery | Repairs in the village | Facilities available at nearby village | Distance from the Village (km.) |
|--------|-------------------|------------------------|--|---------------------------------|
| 1 | Tractor | - | ✓ | 05 Km |
| 2 | Electrical Motors | - | ✓ | 05 Km |
| 3 | Oil Engines | - | ✓ | 05 Km |
| 4 | Implements | - | ✓ | 05 Km |

11. Veterinary aid available for livestock

| Sr. No. | Particulars | Available in | | |
|---------|--------------------------------|--------------|-------------------------|---------------|
| | | Village | At nearby Village /Town | Distance from |
| 1 | Veterinary Dispensary | - | ✓ | 04 km |
| 2 | Artificial Insemination Centre | - | - | - |
| 3 | Dairy Society | - | ✓ | 05 km |
| 4 | Veterinary Polyclinic | - | ✓ | 05 km |

12. Land Utilization Pattern

| Sr.No. | Particulars | Area in ha. |
|--------|----------------------------------|-------------|
| 1 | Total Geographical Area | 392 |
| 2 | Forest Area | 15 |
| 3 | Grazing and pasture land | 08 |
| 4 | Land put to non-agricultural use | 7 |
| 5 | Total cultivable area | 362 |
| 6 | Area under rainfed agriculture | 103 |
| 7 | Area under irrigation | 259 |
| 8 | Net sown area | 254 |
| 9 | Area sown more than once | 189 |
| 10 | | - |
| 11 | | - |

13. Structural distribution of land holdings

| Sr.No. | Farm Size (ha) | No. of holdings | Percentage to total | Area (ha.) | Percentage to total |
|--------|----------------|-----------------|---------------------|------------|---------------------|
| 1 | Upto 1.00 | 87 | 32.83% | 47 | 12.98 |
| 2 | 1.01 to 2.00 | 94 | 35.47% | 140 | 38.67 |
| 3 | 2.01 to 4.00 | 65 | 24.52% | 137 | 37.84 |
| 4 | 4.01 to 6.00 | 19 | 7.16% | 38 | 10.49 |
| 5 | 6.01 and above | - | - | - | - |

14. Source of Irrigation

| Sr.No. | Source | No. | Area Covered (ha.) | | |
|--------|--------------------|-----|--------------------|-----------|-----------|
| | | | 4 monthly | 8 monthly | Perennial |
| 1 | Canal | 1 | 57 | - | - |
| 2 | Wells | 289 | - | - | 202 |
| 3 | Government lifts | - | - | - | - |
| 4 | Private lifts | - | - | - | - |
| 5 | Co-operative lifts | - | - | - | - |
| 6 | Tanks | - | - | - | - |
| 7 | Other (specify) | - | - | - | - |
| | Total | - | - | - | - |

15. Cropping Pattern (Previous year)

| Season | Crop | Dry area (ha) | Irrigated area (ha) | Average yield (Q/ha) | |
|-------------------------|-------|---------------|---------------------|----------------------|-----------|
| | | | | Rainfed | Irrigated |
| A) Kharif | i) | | | | |
| | ii) | | | | |
| | iii) | | | | |
| | iv) | | | | |
| | v) | | | | |
| | vi) | | | | |
| | vii) | | | | |
| | viii) | | | | |
| | ix) | | | | |
| | x) | | | | |
| B) Rabi | i) | | | | |
| | ii) | | | | |
| | iii) | | | | |
| | iv) | | | | |
| | v) | | | | |
| | vi) | | | | |
| | vii) | | | | |
| | viii) | | | | |
| C) Summer/ Perennial | i) | | | | |
| | ii) | | | | |
| | iii) | | | | |
| | iv) | | | | |
| | v) | | | | |
| | vi) | | | | |

16. Adoption of Modern Agricultural Technology (for important crops)

| Name Of Technology | Crop | Total Area (ha) | Area Covered (ha) | | | |
|--------------------|--------------|-----------------|-------------------|----------|----------|----------|
| | | | Local | | Improved | |
| | | | Area | Per cent | Area | Per cent |
| 1. Drip | Tur- must | 57 ha | 27 | 47.36 | 30 | 52.63% |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| 7. | | | | | | |

17. Availability of Agricultural Labourers

| Sr. No. | Type of Labour | Inadequate / Adequate | Wages paid (Rs./Daily) |
|---------|----------------|-----------------------|------------------------|
| 1 | Male | Adequate | 200 |
| 2 | Female | Adequate | 100 |
| 3 | Bullock pairs | Adequate | 500 |

18. Agro Industries in the village or nearby village

| Sr.No. | Agro-Industry | No. of engaged families | Number | |
|--------|-----------------------------|-------------------------|----------------|-------------------|
| | | | in the Village | In nearby Village |
| 1 | Floor Mills | 3 | 3 | - |
| 2 | Rice Mills | - | - | - |
| 3 | Dal Mills | 8 | - | 1 |
| 4 | Oil Mills | - | - | - |
| 5 | Jaggery Making units | - | - | - |
| 6 | Fruit and Vegetable Canning | - | - | - |
| 7 | Others (specify) | - | - | - |

19. Subsidiary Enterprises

| Sr.No. | Enterprise | No. of families engaged |
|--------|---------------------|-------------------------|
| 1 | Dairy | 103 |
| 2 | Poultry | 13 |
| 3 | Sheep /goat rearing | 25 |
| 4 | Piggery | - |
| 5 | Sericulture | - |
| 6 | Others (specify) | - |

20. Other institutions in the village

| Sr.No. | Institute | Yes / No |
|--------|----------------------------------|----------|
| 1 | Grampanchayat | yes |
| 2 | Service Co-op. Society | - |
| 3 | Dairy Co-op. Society | No |
| 4 | Post Office | No |
| 5 | Bank | No |
| 6 | Farm Forum | No |
| 7 | Radio Farm Forum | No |
| 8 | Youth Club | No |
| 9 | Sports Club | No |
| 10 | Mahila Mandal | yes |
| 11 | Bhajani Mandal | yes |
| 12 | Library | yes |
| 13 | Hospital / Primary Health Centre | No |
| 14 | Others (specify) | - |

21. Transportation means available in the village :

| Sr.No. | Type | Number |
|--------|------------------|--------|
| 1 | Cycles | 100 |
| 2 | Motor Cycles | 200 |
| 3 | Scooters | 10 |
| 4 | Cars / Jeeps | 8 |
| 5 | Lorries | 3 |
| 6 | Buses | - |
| 7 | Others (specify) | - |

22. Recreational facilities in the village

| Sr.No. | Item | Number |
|--------|------------------|--------|
| 1 | Television | 190 |
| 2 | Radio Farm Forum | - |
| 3 | Cinema | - |
| 4 | Tamasha | - |
| 5 | Fair | - |
| 6 | Kirtan | 1 |
| 7 | Newspapers | 6 |
| 8 | Magazines | 3 |

23. Farm machinery and equipment

| Sr.No. | Machinery / Equipment | Number |
|--------|---------------------------|--------|
| 1 | Tractor | 11 |
| 2 | Power Tillers | 05 |
| 3 | Power Sprayer / Duster | 180 |
| 4 | Sprayers | 250 |
| 5 | Dusters | 20 |
| 6 | Threshers | 04 |
| 7 | Drip Irrigation Sets | 200 |
| 8 | Sprinkler Irrigation Sets | 50 |
| 9 | Others (specify) | - |

24. Availability of inputs

| Sr.No. | Input | Available | | Distance (km.) | Availability | |
|--------|-------------|------------|------------------------|----------------|--------------|------------|
| | | in Village | at the nearest Village | | Adequate | Inadequate |
| 1 | Implements | - | ✓ | 30 km | ✓ | - |
| 2 | Seed | - | ✓ | 05 km | ✓ | - |
| 3 | Fertilizers | - | ✓ | 05 km | ✓ | - |
| 4 | Pesticides | - | ✓ | 05 km | ✓ | - |
| 5 | Fungicides | - | ✓ | 05 km | ✓ | - |

TECHNO-ECONOMIC SURVEY OF HOST FARMERS

Name of Student : Jadhav Devanand Sandipan
 Registration No. : 43A/COAT/14/13
 College : College of Agriculture, Gondapur
 Center to which attached : CoAT

1. Name of the head of the family Jagdevsao Dattasao Hake
 a) Sex - Male / Female : Male
 b) Age (years) : 45
 c) Education : 5th
 d) Address : Village Bhatgaon Post Sukali (Veer)
Taluka Kalamnuri District Hingoli

2. Information of the family members including attached labours.

| Sr.No. | Name | Sex | Relation | Age | Education | Occupation | Remark |
|--------|--------------------|-----|----------|-----|-----------|------------|--------|
| 1 | Jagdevsao D. Hake | M | Head | 45 | 5th | Farmer | - |
| 2 | Kabai J. Hake | F | Wife | 38 | 5th | Housewife | - |
| 3 | Dattasao Hake | M | Father | 65 | 10th | Farmer | - |
| 4 | Pratap J. Hake | M | Son | 16 | 10th | Education | - |
| 5 | Nikita J. Hake | F | Daughter | 15 | 9th | Education | - |
| 6 | Ramsao D. Hake | M | Brother | 40 | - | Farmer | - |
| 7 | Sanjivani R. Hake | F | | 35 | = | Housewife | - |
| 8 | Nilesh Ramsao Hake | M | | 19 | BSC | Education | - |

B Assets

1) Land

| Sr.No. | Gat No./ Survey No. | Area (ha.) | | Soil Type | Present Value (Rs.) | Land Revenue and other taxes |
|--------|------------------------|------------|-----------|--------------|------------------------|---------------------------------|
| | | Dry | Irrigated | | | |
| 1 | 17/12 | 0.91 | - | Black | — | — |
| 2 | 17/12 | 0.91 | - | Black | — | — |
| 3 | 17/12 | - | 0.92 | Black | — | — |
| 4 | | | | | | |
| 5 | - | - | - | - | - | - |
| 6 | - | - | - | - | - | - |
| 7 | - | - | - | - | - | - |

II) Source of Irrigation and Area Irrigated :

| Sr.No. | Source | Number | Area Irrigated (ha.) | | |
|--------|--------|--------|----------------------|----------|-----------|
| | | | 4 Months | 8 Months | Perennial |
| 1 | Well | 1 | - | 0.91 | 0.91 |
| 2 | Lift | - | - | - | - |
| 3 | Tank | - | - | - | - |
| 4 | Canal | 1 | 0.91 | - | - |
| 5 | Other | - | - | - | - |

III) Buildings :

| Sr.No. | Category | Type of construction | Size | Present value (Rs.) | Remarks |
|--------|-------------------|----------------------|----------|---------------------|---------|
| 1 | Residential House | Brick & Soil | 60 20 | 1,00,000 | - |
| 2 | Farm House | - | - | - | - |
| 3 | Cattle Byre | Cement & (Shade | 20 25 | 20,000 | - |
| 4 | Store | - | - | - | - |
| 5 | Other | - | - | - | - |

IV) Livestock position of the farmer :

(Draught animal, cows, buffaloes, calves, sheep, goat, poultry etc.)

| Sr. No. | Category | Breed | No. of animals | Present value |
|---------|----------|-------|----------------|---------------|
| 1 | Cow | Local | 1 | 48,000 |
| 2 | Buffalo | Local | 1 | 52,000 |
| | | | | |

V) Organizational Participation

| Sr. No. | Name of Organization | Member | Office Bearer | Participation | | |
|---------|------------------------|--------|---------------|---------------|--------------|-------|
| | | | | Regular | Occasionally | Never |
| 1 | Grampanchayat | - | - | - | - | - |
| 2 | Panchayat Samiti | - | - | - | - | - |
| 3 | Zilla Parishad | - | - | - | - | - |
| 4 | Assembly / Council | - | - | - | - | - |
| 5 | Village Co-op. Society | - | - | - | - | - |

| | | | | | | |
|----|-----------------------|---|---|---|---|---|
| 6 | Village Dairy Society | - | - | - | - | - |
| 7 | School Committee | - | - | - | - | - |
| 8 | Deosthan Committee | - | - | - | - | - |
| 9 | Youth Club | - | - | - | - | - |
| 10 | Mahila Mandal | - | - | - | - | - |
| 11 | Other (specify) | - | - | - | - | - |

VI) Implements and Machinery

| Sr.No. | Category | Number | Present value (Rs.) |
|--------|------------------------------------|--------|---------------------|
| A | Implements | | |
| | a) Wooden plough | - | - |
| | b) Iron plough | 1 | 15000 |
| | c) Seed drill (wooden) | | 5000 |
| | i) Local | - | - |
| | ii) Improved | - | - |
| | d) Harrow | 1 | 4500 |
| | e) Hoes | 1 | 3500 |
| | f) Cloudcrusher | - | - |
| | g) Others (specif) Khurfi + sickle | 4+2 | 300 |
| B | Equipments | | |
| | a) Bullock cart (old) | 1 | 15000 |
| | b) Duster | - | - |
| | c) Sprayer | 2 | 4000 |
| C | Machinery | | |
| | a) Electric Motor | 2 | 22000 |
| | b) Oil Engine | - | - |
| | c) Tractor | - | - |
| | d) Power Tiller | - | - |
| | e) Truck | - | - |
| | f) Power Sprayer/Duster | - | - |
| | g) Thresher | - | - |
| | | | 69300 |

VII) Household Material

| Sr.No. | Name of Material | Number | Value (Rs.) |
|--------|-------------------|--------|-------------|
| 1 | Bicycle | - | - |
| 2 | Scooter | - | - |
| 3 | Motorcycle | - | - |
| 4 | Moped | - | - |
| 5 | Car | - | - |
| 6 | Television | 1 | 131000 |
| 7 | Radio | 1 | 400 |
| 8 | Tape recorder | - | - |
| 9 | Refrigerator | - | - |
| 10 | Mixer cum grinder | - | - |
| 11 | Washing machine | - | - |
| 12 | Steel cupboard | - | - |
| 13 | Gobar Gas Plant | - | - |
| 14 | Solar Energy | - | - |

VIII) Cropping Pattern (Previous year)

| Season | Plot No. | Crop | Variety | Rainfed | | | Irrigated | | | | |
|-------------------|----------|------------|-----------|-----------|---------------|-------|-----------------|-----------|---------------|-------|-----------------|
| | | | | Area (ha) | Yield Kg / ha | | Gross Value Rs. | Area (ha) | Yield Kg / ha | | Gross Value Rs. |
| | | | | | Main | Bye | | | Main | Bye | |
| Kharif | i) | Soy-bean | JS 335 | 0.40 ha | 13 qtl | 2 qtl | 495 | - | - | - | - |
| | ii) | Black gram | | 0.40 | 6 qtl | | 29100 | - | - | - | - |
| | iii) | Cotton | Ajeet 155 | - | - | - | - | 0.80 | 23 | - | 11300 |
| | iv) | Pur | BDR-1 | - | - | - | - | 0.40 | 7 qtl | 2 | 33600 |
| Rabi | i) | Jewel | maldao di | - | - | - | - | 0.40 | 8 qtl | 5 qtl | 16000 |
| | ii) | Karam | vish was | - | - | - | - | 0.40 | 10 qtl | 3 | 40000 |
| | iii) | - | - | - | - | - | - | - | - | - | - |
| Summer/ Perennial | i) | - | - | - | - | - | - | - | - | - | - |
| | ii) | - | - | - | - | - | - | - | - | - | - |
| | iii) | - | - | - | - | - | - | - | - | - | - |

IX) Annual gross income (previous year)

| Sr.No. | Source | Amount (Rs.) |
|--------|-----------|--------------|
| 1 | Crops | 3,00,000/- |
| 2 | Livestock | 40,000/- |
| 3 | Wages | - |
| 4 | Others | - |
| | i) | - |
| | ii) | - |
| | iii) | |
| | iv) | |
| | Total | 3,40,000/- |

X) Annual family consumption expenditure (previous year)

| Sr.No. | Head | Amount (Rs.) |
|--------|--------------------|--------------|
| 1 | Food | 80,000/- |
| 2 | Housing | 5,000/- |
| 3 | Education | 25,000/- |
| 4 | Clothing | 10,000/- |
| 5 | Health | 5,000/- |
| 6 | Recreation | - |
| 7 | Travel | 2,000/- |
| 8 | Gifts | 1,000/- |
| 9 | Lighting | 1,000/- |
| 10 | Footwares | 2,000/- |
| 11 | Religious function | 4,000/- |
| 12 | Others (specify) | 2,000/- |

XI) Information about borrowings including old loans (Previous year)

| Sr. No. | Source | Amount borrowed | Purpose date | Rate of Interest | Repayment during the year | Outstanding (Rs.) |
|---------|-----------------------|-----------------|--------------|------------------|---------------------------|-------------------|
| 1 | Co-operative Society | - | - | - | - | - |
| 2 | Land Development Bank | - | - | - | - | - |
| 3 | Government | - | - | - | - | - |
| 4 | Commercial Bank | - | - | - | - | - |
| 5 | Money lenders | - | - | - | - | - |
| 6 | Friends | - | - | - | - | - |
| 7 | Relatives | 10000 | 14-1-16 | - | 20-8-16 | - |
| 8 | Commission agents | - | - | - | - | - |

XII) Marketing channels used for selling the produce (last one year)

| Sr. No. | Marketing channel used | Name of the produce sold | Quantity sold |
|---------|------------------------|--------------------------|------------------|
| 1 | Village level traders | Soybean + Tur | 10 cft + 1.5 cft |
| 2 | Commission agents | Turmeric | - |
| 3 | Wholesalers | - | - |
| 4 | Co-operative Societies | - | - |
| 5 | Input agency | - | - |
| 6 | Self | - | - |
| 7 | Any other (specify) | - | - |

XIII) Cropping Pattern (Current year)

| Season | Plot No. | Crop | Variety | Rainfed | | | | Irrigated | | | |
|------------------|----------|------------|---------|-----------|----------|-----|-----------------|-----------|-------------|-----|-----------------|
| | | | | Area (ha) | Yield ha | | Gross Value Rs. | Area (ha) | Yield Kg/ha | | Gross Value Rs. |
| | | | | | Main | Bye | | | Main | Bye | |
| Kharif | i) | Soybean | JS-335 | 0.80 | 22 | 4 | 6470 | - | - | - | - |
| | ii) | Cotton | Ajjeel | - | - | - | - | 0.80 | - | - | - |
| | iii) | Tur | Selam | - | - | - | - | 1 ha | - | - | - |
| | iv) | Green gram | NV-1 | 0.40 | 6.50 | 2 | 101 | - | - | - | - |
| Rabi | i) | Soybean | Madhadi | - | - | - | - | 0.40 | - | - | - |
| | ii) | Wheat | Jawal | - | - | - | - | 0.40 | - | - | - |
| | iii) | Gram | Vijay | - | - | - | - | 0.40 | - | - | - |
| Summer/Perennial | i) | - | - | - | - | - | - | - | - | - | - |
| | ii) | - | - | - | - | - | - | - | - | - | - |
| | iii) | - | - | - | - | - | - | - | - | - | - |

XIV) Marketing channels used for selling the produce (last one year)

| Sr.No. | Marketing channel used | Name of the produce sold | Quantity sold |
|--------|------------------------|--------------------------|---------------|
| 1 | Village level traders | - | - |
| 2 | Commission agents | - | - |
| 3 | Wholesalers | - | - |
| 4 | Co-operative Societies | - | - |
| 5 | Input agency | - | - |
| 6 | Self | - | - |
| 7 | Any other (specify) | - | - |

XV) Problems faced by the family :

Crop Production - Fertilizer cost is very high & Unavailability.
 Livestock - Higher concentrates rates/cost-
 Credit - No bank facilities.
 Marketing - lack of knowledge about marketing.
 Adoption of modern technology - lack of knowledge of new agri technology.
 Others -

XVI) Suggestions by the family to overcome the problem

XVII) Opinion of investigator about general conditions of the family

(Financial, Educational, Social, Health, etc.)

पिचरिका

Signature of Farmer
 (पिचरिका गणेश ठोस)
 (Family member)

Devi S

Signature of Student
 (Jadhav D.S.)

Signature of Incharge



RAWE *Schedules*

2

RECORD OF DAILY OPERATION (PLOT
WISE / CROP WISE) AND CALCULATING
COST OF CULTIVATION .

RAWE SCHEDULE – ECON-2 (A)

RECORD OF DAILY OPERATIONS (PLOTWISE) CARRIED (INCLUDING LAND DEVELOPMENT) AND CALCULATING COST OF CULTIVATION/PRODUCTION

Only for the host farmers

Name of the student :

Jadhav D.S.

Name of Center :

COA-Tondapur

Current Crop :

Soybean

Variety : JS-335

Name of College :

COA-Tondapur

Name of Host farmer :

Hake J.D.

Plot / Survey No. :

17/2

Area :

0.80 ha

Registration No. :

48A/COAT/1191R

Village :

Bhategaon

Previous Crop :

Black gram.

Irrigated / unirrigated

Soybean

CALENDER OPERATIONS

Area :- 0.80 ha.

| Date | Name of operation carried | Input used | | | Family Labours (Days) | | | | Hired Labour (Days) | | | | Total Labour (Days) | | | | Labour Cost | | | | Grand total (Col. 5 + 18 + 19 + 20 + 21) |
|------|---------------------------|----------------------------|----------|---------|-----------------------|---|---|---------|---------------------|----|----|---------|---------------------|----|------|---------|-------------|-----|------|---------|---|
| | | Name | Qty | Value | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | Ploughing | Tractor (80/hr) | | | | | | | | | | 3 hr | | | | 3 hr | | | | 2400 | 2400 |
| | Harrowing - I | Bullock pair | | | | | | | | | 2 | | | | 2 | | | | 1000 | | 1000 |
| | Manures | Fym (cast food look) | 10 | 4000 | 1 | | | | 3 | | 1 | | | 4 | 1 | | | 800 | 500 | | 5300 |
| | Harrowing - II | Bullock pair | | | | | | | | | 2 | | | | 2 | | | | 1000 | | 1000 |
| | Sowing | Soybean seed | 60 kg | 3000 | | | | | | | 1 | | | | 1 | | | | 500 | | 3500 |
| | Fertilizer (30:60:30) | Urea | 11.47 | 65.14 | | | | | | | | | | | | | | | | | |
| | | P DAP | 10.55 | 1286.84 | 1 | 1 | | | | | | | | 1 | 1 | | | 200 | 100 | | 207.15 |
| | | K Map | 40.47 | 445.12 | | | | | | | | | | | | | | | | | |
| | Hoing - I | Bullock pair | | | | | | | | | 1 | | | | 1 | | | | 500 | | 500 |
| | Hoing - II | Bullock pair | | | | | | | | | 1 | | | | 1 | | | | 500 | | 500 |
| | Weeding | | | | | | 2 | | | | 8 | | | | 10 | | | | 1000 | | 1000 |
| | Spraying - I | chloro- pyrifos | 650 | | 1 | 1 | | | | 1 | | | | 2 | 1 | | | 400 | 100 | | 1150 |
| | Spraying - II | -II | 700 | | 1 | 1 | | | | 1 | | | | 2 | 1 | | | 400 | 100 | | 1200 |
| | Harvesting | | | | | 1 | 2 | | | | 10 | | | 1 | 12 | | | 200 | 200 | | 1400 |
| | Threshing | Thresher machine | | | | 1 | 1 | | | 1 | 3 | 3 hr | 2 | 4 | 3 hr | | | 400 | 400 | 2400 | 3200 |
| | Drying & Storing | | | | | 1 | 1 | | | | | | | 1 | 1 | | | 200 | 100 | | 300 |

7 9

6 21 8 6 hr 13 30 8 6

Economics Schedule-II (B)

COST OF CULTIVATION FOR ALL CROPS

Name of Student: Jadhav D.S.

Reg. No.: 43A/COAT/1418

College: College of Agriculture, Tondapor

Center to which attached: COAT

Name of Host

Farmer: Hake J.D. Village: Bhategaon

Name of the Crop Soybean

Variety: JS-335

Area (ha) 0.80 ha.

| Sr.no | Particlars | unit | Input/ha (Kg) | Rate per unit(Rs) | Total Cost (Rs) |
|-------|------------------------------------|-----------|---------------|-------------------|-----------------|
| I.1 | Hired Human labour | | | | |
| | a. Male | Days | 6 | 200 | 1200 |
| | b. Female | Days | 21 | 100 | 2100 |
| 2 | Bullock power | Pair days | 8 | 500 | 4000 |
| 3 | Machine power | Hours | 6 | 800 | 4800 |
| 4 | Seed | Kg | 60 | 50 | 3000 |
| 5 | Manures | Cost/ha | 10 | 400 | 4000 |
| 6 | Fertilizers 30:60:30 | | | | |
| | N urea | Kg | 11.47 | 5.68 | 65.147 |
| | P DAP | Kg | 105.57 | 12 | 1266.84 |
| | K MOP | Kg | 40.47 | 11 | 445.17 |
| 7 | Irrigation Charges | Rs | | | - |
| 8 | Plant protection charges | Lit | | | 1350 |
| 9 | Incidental charges | Rs | | | 1500 |
| 10 | Reapirs | Rs | | | 1000 |
| | Working capital | | | | 24727.15 |
| 11 | Int.on Working Capital | Rs | | | 2967.25 |
| 12 | Depre.on farm impliments. | Rs | | | 6930 |
| 13 | Land revenue and taxes | Rs | | | 240 |
| | Cost 'A' (Items 1to13) | | | | 34864.4 |
| 14 | Rental value of land | Rs | | | 10743.33 |
| 15 | Int.on fixed capital | Rs | | | 717 |
| | Cost 'B' (Items 1to15) | | | | 46324.73 |
| 16 | Family labour | | | | |
| | a. Male | Days | 7 | 200 | 1400 |
| | b. Female | Days | 9 | 100 | 900 |
| | Cost 'C' (Items 1to16) | | | | 48624.73 |
| II | Output | | | | |
| | a) Main produce | Q | 22 | 2850 | 62700 |
| | b) Bye-produce | Q | 4 | 500 | 2000 |
| III | Cost 'C' net of bye produce | Rs | | | 16075.27 |
| IV | Per quintal cost | Rs | | | 2210.21 |

$$B:C \text{ Ratio} = \frac{\text{Gross Return}}{\text{Cost C}} = \frac{64700}{48624.73} = 1.32$$

Main. Qty(Kg) :- 2200 Kg.
Qty(Kg).

a) Main .RS. 62700 /- :

Byproduce :- 400 Kg.
Qty(Kg).

b) Byproduce. Rs. 2000 /- :

18. Total Yield in qtls. 26 QHs

Total Value Rs. 64700

19. Yield per hectare. -

Total Value Rs. -

20. Per qtl. cost of production RS. . 2210.21 /-

Marketing of produce:

1. Total produce sold Qtls. Cropwise:

- i) Soybean - 22 QHs.
- ii)
- iii)
- iv)

2. Labour required for marketing: Male 1 (days) Total cost 200 /-

Female (days) Total cost

Bullock pairs (days) Total cost

3) Marketing charges

1) Marketing cess Rs -

2) Commission Rs. -

3) Marketing fee Rs. $\frac{62700 \times 1}{100} = 627 /-$

4) Others Rs. - 250
(loading & unloading)

4) Total marketing cost; Rs. 1077/-

Disposal of Farm produce:-

| Sr.No. | Name of crop | Quantity required for consumption & other purpose | Qty. sold in qtl. | Price/ctl |
|--------|--------------|---|-------------------|-----------|
| ① | Soybean | - | 22 QHs | 2850 /- |
| | | | | |
| | | | | |
| | | | | |

Soybean

Area \Rightarrow 0.80 ha

$$* \text{ Working Capital} = 24,727.15$$

$$* \text{ Int. on working capital} = \frac{\text{working capital} \times 12}{100} \\ = \frac{24727.15 \times 12}{100} = 2967.25$$

$$* \text{ Rental value of land} = \frac{1}{6} (\text{Gross Return} - \text{Land Revenue})$$

Gross Return = (main produce + By produce)

$$\left. \begin{array}{l} \text{main} = 22 \times 2850 = 62,700 \\ \text{By} = 4 \times 500 = 2000 \end{array} \right\} = 64,700.$$

$$= \frac{1}{6} (64700 - 240) = \frac{1}{6} (64460)$$

$$= 10,743.33$$

$$* \text{ Int. on fixed capital} = \frac{(\text{Dep} + \text{taxes}) \times 10}{100} = \frac{(6930 + 240)}{100}$$

$$= \underline{71.7}$$

$$* \text{ Net profit} = \text{Gross return} - \text{cost 'c'} \\ = 64,700 - 48,624.73 \\ = 16,075.27.$$

$$* \text{ per cHs cost} = \frac{\text{cost c}}{\text{main produce}} = \frac{48624.73}{22} = \underline{\underline{2210.21}}$$

$$* \text{ B:C Ratio} = \frac{\text{Gross Return}}{\text{cost 'c'}} = \frac{64700}{48624.73}$$

$$= \underline{\underline{1.33}}$$

RAWE SCHEDULE – ECON-2 (A)

RECORD OF DAILY OPERATIONS (PLOTWISE) CARRIED (INCLUDING LAND DEVELOPMENT) AND CALCULATING COST OF CULTIVATION/PRODUCTION

Only for the host farmers

Name of the student :

Jadhav P.S.

Name of Center :

CoA-Tondapur

Current Crop :

Green gram

Variety : NVL-2

Name of College :

CoA-Tondapur

Name of Host farmer :

Malke J.D

Plot / Survey No. :

17/2

Area :

0.40 ha

Registration No. :

43A/COA7/141A

Village :

Bhategaon

Previous Crop :

Turmeric

Irrigated / unirrigated

Economics Schedule-II (B)

COST OF CULTIVATION FOR ALL CROPS

Name of Student: Jadhav D.S. Reg. No.: 43A/COAT/141B

College: College of Agriculture, Tondapur

Center to which attached: COAT

Name of Host

Farmer: Hake J.D. Village: Bhategaon

Name of the Crop Green gram Variety: NAVAL-I Area (ha) 0.40 ha.

| Sr.no | Particlars | unit | Input/ba (Kg) | Rate per unit(Rs) | Total Cost (Rs) |
|-------|-------------------------------|-----------|---------------|-------------------|-----------------|
| I.1 | Hired Human labour | | | | |
| | a. Male | Days | 1 | 200 | 200 |
| | b. Female | Days | 12 | 100 | 1200 |
| 2 | Bullock power | Pair days | 3 | 500 | 1500 |
| 3 | Machine power | Hours | 2.5 | 800 | 2000 |
| 4 | Seed | Kg | 8 | 75 | 600 |
| 5 | Manures | Q | | | |
| 6 | Fertilizers | | | | |
| | N | Urea Kg | 11 | 5.68 | 62 |
| | P | SSP Kg | 63.23 | 8.56 | 541.24 |
| | K | MOP Kg | 8.43 | 11 | 92.73 |
| 7 | Irrigation Charges | Rs | | | 500 |
| 8 | Plant protection charges | Lit | | | 300 |
| 9 | Incidental charges | Rs | | | 100 |
| 10 | Reapirs | Rs | | | 7096.45 |
| | Working capital | | | | 851.57 |
| 11 | Int.on Working Capital | Rs | | | 6930 |
| 12 | Depre.on farm impliments | Rs | | | 120 |
| 13 | Land revenue and taxes | Rs | | | 14998.02 |
| | Cost 'A' (Items 1to13) | | | | 5509.16 |
| 14 | Rental value of land | Rs | | | 705 |
| 15 | Int. on fixed capital | Rs | | | 21212.18 |
| | Cost 'B' (Items 1to15) | | | | |
| 16 | Family labour | | | | |
| | a. Male | Days | 5 | 200 | 1000 |
| | b. Female | Days | 7 | 100 | 700 |
| | Cost 'C' (Items 1to16) | | | | 22912.18 |
| II | Output | | | | |
| | a) Main produce | Q | 6.50 | 4950 | 32175 } 33175 |
| | b) Bye-produce | Q | 2 | 500 | 1000 |
| III | Cost 'C' net of bye produce | Rs | | | 10142.82 |
| IV | Per quintal cost | Rs | | | 3524.95 |

$$B:C \text{ Ratio} = \frac{\text{Gross Return}}{\text{Cost 'C'}} = \frac{33175}{23080.18} = 1.43$$

Main. Qty(Kg) 650 kg
Qty(Kg) ~~250~~

a) Main .RS. 32,175 /-

Byproduce 200 kg
Qty(Kg).

b) Byproduce. Rs. 1000 /-

18. Total Yield in qtls. 8.50 qtls.

Total Value Rs. 33175 /-

19. Yield per hectare. 8.50 / 0.40ha.

Total Value Rs. 33175 /-

20. Per qtl. cost of production RS. . 3524.95.

Marketing of produce:

1. Total produce sold Qtls. Cropwise:

i) Green gram - 6.50 qtls

ii)

iii)

iv)

2. Labour required for marketing: Male 1 (days) Total cost. 200

Female (days) Total cost

Bullock pairs (days) Total cost

3) Marketing charges

1) Marketing cess Rs -

2) Commission Rs. -

3) Marketing fee Rs. $-\frac{29700}{100} = 297 /-$

4) Others Rs. (loading & unloading) - 150 /-

4) Total marketing cost; Rs. 547 /-

Disposal of Farm produce:-

| Sr.No. | Name of crop | Quantity required for consumption & other purpose | Qty. sold in qtl. | Price/ctl |
|--------|--------------|---|-------------------|-----------|
| | Green gram | 50 kg | 6.00 qtls | 4950 /- |
| | | | | |
| | | | | |
| | | | | |

Green grams

Area - 0.40 ha

* Working capital = 7096.45

* Int. on working capital = $\frac{\text{working capital} \times 12}{100} = \frac{7096 \times 12}{100}$
 $= \underline{\underline{85,152}}$

* Rental value of land = $\frac{1}{6} (\text{Gross Return} - \text{Land Revenue})$

Gross Return = main produce + By produce.

main = $1.50 \times 4950 = 32,175$ } 33175
By = $2 \times 500 = 1000$

$= \frac{1}{6} (33175 - 120) = \frac{1}{6} (33055)$

$= \underline{\underline{5509.16}}$

* Int. on fixed capital = $\frac{(\text{Dep} + \text{taxes}) \times 10}{100} = \frac{(6930 + 120) \times 10}{100}$
 $= \underline{\underline{705}}$

* Net profit = Gross return - Cost 'C'
 $= 33055 - 22912.18$
 $= \underline{\underline{10142.82}}$

* Per gms cost = $\frac{\text{Cost 'C'}}{\text{main produce}} = \frac{22912.18}{6.50}$
 $= \underline{\underline{3524.95}}$

* B:C Ratio = $\frac{\text{Gross Return}}{\text{Cost 'C'}} = \frac{33055}{22912.18}$
 $= \underline{\underline{1.44}}$

RAWE SCHEDULE – ECON-2 (A)

RECORD OF DAILY OPERATIONS (PLOTWISE) CARRIED (INCLUDING LAND DEVELOPMENT) AND CALCULATING COST OF CULTIVATION/PRODUCTION

Only for the host farmers

| | | |
|-----------------------|-----------------------|-------------------------------------|
| Name of the student : | Name of Center : | Current Crop : |
| <u>Jadhav D.S</u> | <u>COA-Tondapur</u> | <u>COTTON</u> |
| | | Variety : <u>Ajeet -155</u> |
| Name of College : | Name of Host farmer : | Plot / Survey No. : |
| <u>COA-Tondapur</u> | <u>Halve J.D.</u> | <u>17/2</u> |
| | | Area : |
| | | <u>0.80 ha.</u> |
| Registration No. : | Village : | Previous Crop : |
| <u>43A/COAT/141B</u> | <u>Bhatagon</u> | <u>Soybean</u> |
| | | Irrigated / unirrigated |
| | | <input checked="" type="checkbox"/> |

Cotton

CALENDER OPERATIONS

Area - 0.80 ha.

| Date | Name of operation carried | Input used | | | Family Labours (Days) | | | | Hired Labour (Days) | | | | Total Labour (Days) | | | | Labour Cost | | | | Grand total (Col. 5 + 18 + 19 + 20 + 21) |
|------|---------------------------|-------------------------|--------|--------|-----------------------|---|---|---------|---------------------|----|----|---------|---------------------|----|----|---------|-------------|------|------|---------|---|
| | | Name | Qty | Value | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | Ploughing | Tractor (80/14) | | | | | | | | | | 3 hrs | | | | 3 hrs | | | | 2400 | 2400 |
| | Harrowing | Bullock pair | | | | | | | | | 2 | | | | 2 | | | | 1000 | | 1000 |
| | manures | cast load | 15 | 6000 | 2 | | | | 2 | | 1 | | 4 | | 1 | | 800 | | 500 | | 7300 |
| | Sowing | Cotton seed (bag) | 5 | 4000 | 1 | 2 | | | | 8 | | | 1 | 10 | | | 200 | 1000 | | | 5200 |
| | Fertilizer | Urea | 141.52 | 803.83 | | | | | | | | | | | | | | | | | 4601.43 |
| | (100:50:50) | DAP | 87.98 | 455.76 | 3 | 2 | | | 2 | 8 | | | 5 | 10 | | | 1000 | 1000 | | | |
| | | Mop | 67.44 | 741.84 | | | | | | | | | | | | | | | | | |
| | Hoeing - I | Bullock pairs | | | | | | | | | 1 | | | | 1 | | | | 500 | | 500 |
| | Hoeing - II | Bullock pair | | | | | | | | | 1 | | | | 1 | | | | 500 | | 500 |
| | Weeding (I & II) | | | | | 4 | | | | 4 | | | | 18 | | | | | 1800 | | 1800 |
| | Spraying - I | | | 700 | 1 | 1 | | | 1 | | | | 2 | 1 | | | 400 | 100 | | | 1200 |
| | Spraying - II | | | 600 | 1 | 1 | | | 1 | | | | 2 | 1 | | | 400 | 100 | | | 1100 |
| | Irrigation (I II III) | | | | | 3 | | | | | | | 3 | | | | 600 | | | | 600 |
| | Picking - I | | | | 1 | 2 | | | 4 | 6 | | | 5 | 8 | | | 1000 | 800 | | | 1800 |
| | picking - II | | | | 1 | 2 | | | 4 | 6 | | | 5 | 8 | | | 1000 | 800 | | | 1800 |
| | picking - III | | | | 1 | 1 | | | 4 | 5 | | | 5 | 6 | | | 1000 | 800 | | | 1600 |
| | | | | | | | | | | | | | | | | | | | | | |

14 15

18 47 5 3hr 3262 5 3hr

Economics Schedule-II (B)

COST OF CULTIVATION FOR ALL CROPS

Name of Student: Jadhav Devanand Sandipan Reg. No.: 43A/COAT/141B

College: College of Agriculture, Tondapur

Center to which attached: COAT

Name of Host

Farmer: Hake J.D. Village: Bhotegaon

Name of the Crop Cotton Variety: Ajeet - 155 Area (ha) 0.80 ha.

| Sr.no | Particlars | unit | Input/ba (Kg) | Rate per unit(Rs) | Total Cost (Rs) |
|-------|------------------------------------|-----------|---------------|-------------------|-----------------|
| 1.1 | Hired Human labour | | | | |
| | a.Male | Days | 18 | 200 | 3600 |
| | b. Female | Days | 47 | 100 | 4700 |
| 2 | Bullock power | Pair days | 5 | 500 | 2500 |
| 3 | Machine power | Hours | 3 | 800 | 2400 |
| 4 | Seed | Kg | 5 | 800 | 4000 |
| 5 | Manures | Q | 15 | 400 | 6000 |
| 6 | Fertilizers (100:50:50) | | | | |
| | N | Urea Kg | 141.52 | 5.68 | 803.83 |
| | P | DAP Kg | 87.98 | 12 | 1055.76 |
| | K | mop Kg | 67.44 | 11 | 741.84 |
| | | | | | 2601.43 |
| 7 | Irrigation Charges | Rs | | | 600 |
| 8 | Plant protection charges | Lit | | | 2900 |
| 9 | Incidental charges | Rs | | | 1000 |
| 10 | Reapirs | Rs | | | 500 |
| | Working capital | | | | 30801.43 |
| 11 | Int.on Working Capital | Rs | | | 3696.17 |
| 12 | Depre.on farm impliments | Rs | | | 6930 |
| 13 | Land revenue and taxes | Rs | | | 240 |
| | Cost 'A' (Items 1to13) | | | | 41667.6 |
| 14 | Rental value of land | Rs | | | 198433.35 |
| 15 | Int. on fixed capital | Rs | | | 717 |
| | Cost 'B' (Items 1to15) | | | | 61510.93 |
| 16 | Family labour | | | | |
| | a.Male | Days | 14 | 200 | 2800 |
| | b. Female | Days | 15 | 100 | 1400 |
| | Cost 'C' (Items 1to16) | | | | 65710.93 |
| II | Output | | | | |
| | a)Main produce | Q | 23 | 5100 | 117300 |
| | b)Bye-produce | Q | | | 119300 |
| III | Cost 'C' net of bye produce | Rs | | | 2000 |
| IV | Per quintal cost | Rs | | | 53589.07 |
| | | | | | 2856.91 |

$$B:C \text{ Ratio} = \frac{\text{Gross Return}}{\text{Cost 'C'}} = \frac{1,19,300}{66,583.93} = 1.79$$

Main. Qty(Kg) 2300 kg
Qty(Kg).

a) Main .RS. 1,17,300/-

Byproduce
Qty(Kg).

b) Byproduce. Rs. 2000/-

18. Total Yield in qtls. 23 qtls

Total Value Rs. 1,19,300/-

19. Yield per hectare. 23 qtl / 0.80 ha.

Total Value Rs. 1,19,300/-

20. Per qtl. cost of production RS. . 2856.99

Marketing of produce:

1. Total produce sold Qtls. Cropwise:

- i) Cotton - 23 qtls.
- ii)
- iii)
- iv)

2. Labour required for marketing: Male

(days) Total cost. 1200/-

Female

(days) Total cost:

Bullock pairs

(days) Total cost

3) Marketing charges

1) Marketing cess Rs -

2) Commission Rs. -

3) Marketing fee Rs. $\frac{117300 \times 1}{100} = 1173$ /-

4) Others Rs. (loading & unloading) - 4000/-

4) Total marketing cost; Rs. 5173/-

Disposal of Farm produce:-

| Sr.No. | Name of crop | Quantity required for consumption & other purpose | Qty. sold in qtl. | Price/ctl |
|--------|--------------|---|-------------------|-----------|
| | Cotton | - | 23 qtls | 5100/- |
| | | | | |
| | | | | |
| | | | | |

Cotton

Area = 0.80 ha.

* Working capital = 30801.43

* Int. on working capital = $\frac{\text{working capital} \times 12}{100}$
 $= \frac{30801.43 \times 12}{100}$
 $= \underline{\underline{3696.17}}$

* Rental value of land = $\frac{1}{6} (\text{G.R.} - \text{land Revenue})$

G.R. = main produce + By produce

main = $23 \times 5100 = 1,17,300$ } = 1,19,300
By = 2000

$= \frac{1}{6} (1,19,300 - 240) = \frac{1}{6} (1,19,060)$
 $= \underline{\underline{19843.33}}$

* Int. on fixed capital = $\frac{(\text{Dep.} + \text{taxes}) \times 10}{100} = \frac{(6930 + 240) \times 10}{100}$
 $= \underline{\underline{717}}$

* Net profit = Gross Return - Cost 'c'
 $= 1,19,300 - 65,710.93$
 $= \underline{\underline{53,589.07}}$

* Per qts cost = $\frac{\text{Cost 'c'}}{\text{main produce}} = \frac{65,710.93}{23} = \underline{\underline{2,856.99}}$

* B:C Ratio = $\frac{\text{Gross Return}}{\text{Cost 'c'}} = \frac{1,19,300}{65,710.93}$
 $= \underline{\underline{1.81}}$

RAWE SCHEDULE - ECON-2 (A)

RECORD OF DAILY OPERATIONS (PLOTWISE) CARRIED (INCLUDING LAND DEVELOPMENT) AND CALCULATING COST OF CULTIVATION/PRODUCTION

Only for the host farmers

Name of the student :

Jadhav D.S.

Name of Center :

CoA - Tondapur

Current Crop :

Turmeric

Variety : Salem

Name of College :

CoA - Tondapur

Name of Host farmer :

Hake J.D.

Plot / Survey No. :

17/2

Area :

1 ha.

Registration No. :

43A/COA/1418

Village :

Bhategaon

Previous Crop :

Tur

Irrigated / unirrigated

Irrigated / unirrigated

TURMERIC

CALENDER OPERATIONS

Area 8.1 ha

| Date | Name of operation carried | Input used | | | Family Labours (Days) | | | | Hired Labour (Days) | | | | Total Labour (Days) | | | | Labour Cost | | | | Grand total (Col. 5 + 18 + 19 + 20 + 21) | |
|------|---------------------------|--------------------------|------------|-------|-----------------------|---|---|---------|---------------------|----|----|---------|---------------------|----|----|---------|-------------|------|------|---------|---|--------|
| | | Name | Qty | Value | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | M | F | B | Machine | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| | Ploughing | Tractor 800/hr | | | | | | | | | | 4 hr | | | | 4 hr | | | | | 3200 | 3200 |
| | Harrowing - I | Tractor 800/hr | | | | | | | | | | 2.5 hr | | | | 2.5 hr | | | | | 2000 | 2000 |
| | Harrowing - II | Tractor 800/hr | | | | | | | | | | 2.5 hr | | | | 2.5 hr | | | | | 2000 | 2000 |
| | Manures | FYM (cast/land) | 25 | 10000 | 2 | 2 | | | 1 | 3 | 2 | | | 3 | 5 | 2 | | 600 | 500 | 1000 | | 12100 |
| | Ridges and furrow | Tractor 800/hr | | | | | | | | | | 2 hr | | | | 2 hr | | | | | 1600 | 1600 |
| | Sowing (Rhizomes) | Turmeric rhizome | 18 qtis | 36000 | 2 | 2 | | | 2 | 8 | | | | 4 | 10 | | | 800 | 1000 | | | 37800 |
| | Fertilizer | N | urea 9 | 218.3 | 1240.17 | | | | | | | | | | | | | | | | | 5061.1 |
| | (120:50:50) | P | DAP | 108.7 | 1304.4 | 3 | 2 | | 2 | 4 | | | | 5 | 6 | | | 1000 | 600 | | | |
| | | K | MOP | 83.33 | 916.53 | | | | | | | | | | | | | | | | | 51000 |
| | Irrigation | Drip | | 5000 | 1 | | | | 4 | | | | | 5 | | | | 1000 | | | | 3000 |
| | weeding | | | | | 3 | | | | | 27 | | | | 30 | | | | 3000 | | | 4500 |
| | Spraying (I & II) | Insecticide Fungicide | | 3500 | 2 | 1 | | | 2 | 1 | | | | 4 | 2 | | | 800 | 200 | | | 2300 |
| | Harvesting | | | | 2 | 1 | | | | | 18 | | | 2 | 19 | | | 400 | 1900 | | | 2300 |
| | Boiling | machine 300/hr | | | 2 | 2 | | | 2 | 3 | | 6 hr | | 4 | 5 | | 6 hr | 800 | 500 | | 1800 | 3100 |
| | Drying | | | | 1 | 1 | | | 1 | 3 | | | | 2 | 4 | | | 400 | 400 | | | 800 |
| | polishing | machine 800/hr | | | 1 | 1 | | | 2 | 2 | | 1.2 hr | | 3 | 3 | | 1.2 hr | 600 | 300 | | 1200 | 2100 |
| | | | | | 16 15 | | | | 16 09 | | | | 12.5 + 6 hr 32 84 | | | | 12.5 + 6 hr | | | | | |

Economics Schedule-II (B)

COST OF CULTIVATION FOR ALL CROPS

Name of Student: Jadhav Devanand Sandipan Reg. No.: 43A/COA/141B

College: College of Agriculture, Tondapur

Center to which attached: COA Tondapur

Name of Host

Farmer: Hake Jagdevrao Dattarao Village: Bhatgaon

Name of the Crop Turmeric Variety: Salem Area (ha) 1 ha

| Sr.no | Particlars | unit | Input/ha (Kg) | Rate per unit(Rs) | Total Cost (Rs) |
|-------|------------------------------------|-----------|---------------|-------------------|------------------|
| I.1 | Hired Human labour | | | | |
| | a. Male | Days | 16 | 200 | 3200 |
| | b. Female | Days | 69 | 100 | 6900 |
| 2 | Bullock power | Pair days | 2 | 500 | 1000 |
| 3 | Machine power | Hours | 12.5 6 | 800 300 | 10000 1800 |
| 4 | Seed | Kg qtls | 18 | 2000 | 36000 |
| 5 | Manures | Cartload | 25 | 400 | 10000 |
| 6 | Fertilizers (120:50:50) | | | | |
| | N Urea | Kg | 218.34 | 5.68 | 1240.17 |
| | P DAP | Kg | 108.7 | 12 | 1304.40 |
| | K MOP | Kg | 83.33 | 11 | 916.53 |
| 7 | Irrigation Charges | Rs | | | 50000 |
| 8 | Plant protection charges | Lit | | | 3500 |
| 9 | Incidental charges | Rs | | | 1500 |
| 10 | Repairs | Rs | | | 1000 |
| | Working capital | | | | 128361 |
| 11 | Int.on Working Capital | Rs | | | 15403.32 |
| 12 | Depre.on farm impliments | Rs | | | 6930 |
| 13 | Land revenue and taxes | Rs | | | 300 |
| | Cost 'A' (Items 1to13) | | | | 150994.32 |
| 14 | Rental value of land | Rs | | | 52700 |
| 15 | Int.on fixed capital | Rs | | | 723 |
| | Cost 'B' (Items 1to15) | | | | 204417.32 |
| 16 | Family labour | | | | |
| | a. Male | Days | 16 | 200 | 3200 |
| | b. Female | Days | 15 | 100 | 1500 |
| | Cost 'C' (Items 1to16) | | | | 209117.32 |
| II | Output | | | | |
| | a) Main produce | Q | 33 | 9500 | 313500 |
| | b) Bye-produce | Q | 5 | 600 | 3000 |
| | Cost 'C' net of bye produce | Rs | | | 107382.68 |
| III | | Rs | | | 6336.88 |
| IV | Per quintal cost | Rs | | | |

$$B:C \text{ Ratio} = \frac{G.R.}{Cost_C} = \frac{316500}{209117.32} = 1.51$$

Main. Qty(Kg) 3300 kg
Qty(Kg).

a) Main .RS. 3135.00 -

Byproduce 500 kg.
Qty(Kg).

b) Byproduce. Rs. 3000 -

18. Total Yield in qtls. 33 qtls

Total Value Rs. 34,8500 -

19. Yield per hectare. 33 qtls/ha.

Total Value Rs. 3165.001 -

20. Per qtl. cost of production RS. . 6336.88 -

Marketing of produce:

1. Total produce sold Qtls. Cropwise:

- i) Turmeric - 33 qtls
- ii)
- iii)
- iv)

2. Labour required for marketing: Male 01 (days) Total cost 200 -

Female (days) Total cost

Bullock pairs (days) Total cost

3) Marketing charges

1) Marketing cess Rs -

2) Commission Rs. -

3) Marketing fee Rs. $\frac{313500}{100} = 3135 -$

4) Others Rs. 850 -

4) Total marketing cost; Rs. 3985 -

Disposal of Farm produce:-

| Sr.No. | Name of crop | Quantity required for consumption & other purpose | Qty. sold in qtl. | Price/ctl |
|--------|--------------|---|-------------------|-----------|
| | Turmeric | - | 33 | 9500 - |
| | | | | |
| | | | | |
| | | | | |

* Turmeric *

* Working capital = ₹ 1,28,361

* Int. on working capital = $\frac{\text{working capital} \times 12}{100}$
 $= \frac{1,28,361 \times 12}{100} = \underline{\underline{15,403.32}}$

* Rental value of land = $\frac{1}{6}$ (G.R. - land revenue)

Gross Return = main produce + By produce,

Main produce = $33 \times 9500 = 3,13,500$
By produce = $5 \times 600 = 3000$ } = 3,16,500

$= \frac{1}{6} (3,16,500 - 300) = \frac{1}{6} (3,16,500)$

$= \underline{\underline{52,700}}$

* Int. on fixed capital = $\frac{(\text{Dep.} + \text{taxes}) \times 10}{100} = \frac{(6930 + 300) \times 10}{100}$

$= \underline{\underline{723}}$

* Net profit = G.R + cost C

$= 316500 - 209117.32$

$= \underline{\underline{107382.68}}$

* per ct's cost = $\frac{\text{cost C}}{\text{main produce}} = \frac{209117.32}{33} = \underline{\underline{6336.88}}$

* B:C Ratio = $\frac{\text{Gross Return}}{\text{cost C}} = \frac{316500}{209117.32}$

$= \underline{\underline{1.51}}$



RAWE *Demonstrations*

1

STUDY OF AGRICULTURAL
PRODUCE MARKET COMMITTEE.
(APMC).

कृषि उत्पादन बाजार समिती कळमनुरी जि. हिंगोली



STUDY OF AGRICULTURAL PRODUCE MARKET COMMITTEE (APMC)



**AGRICULTURAL PRODUCE MARKET COMMITTEE
KALAMNURI DIST.HINGOLI.**

CERTIFICATE

This Certificate given to

Name :- Tadhav Devanand sandipan Reg No: 43A/COAT/14/B

A Rural Agriculture Work Experience (RAWE) Student of COLLEGE OF
AGRICULTURE TONDAPUR Placed Under the Centre of COLLEGE
OF AGRICULTURE TONDAPUR visited to AGRICULTURE PRODUCE
MARKET COMMITTEE (APMC) Dist.HINGOLI .and Collected all
Necessary Information

Date of issue :- 15 / 9 /2017

Place of Visit :- APMC,KALAMNURI


सचिव
कृषि उत्पादन बाजार समिती
कलमनुरी जि हिंगोली
Signature of Authority



RURAL AGRICULTURAL WORK EXPERIENCE

(2017-18)

Center : COA _Tondapur



Name of Student : Jadhav D.S.

Host Farmer : Hake J.D.

Reg No. : 43/COAT/14/B

Alloted Village : Bhotegaon

* DEMONSTRATION NO. 01.

* TITLE :- STUDY OF AGRICULTURAL
PRODUCE MARKET COMMITTEE
(APMC)

We performed demonstration on study of Agricultural produce market committee. We visited to APMC at Kalamnusi TQ. Kalamnusi Dist. Hingoli on dated 15-09-2017 under the course of ECON-476 and collected following information.

* INTRODUCTION :-

An agriculture produce market committee (APMC) is a marketing board established by state government in India. The Maharashtra state agricultural marketing board runs 295 APMC with main market and 609 sub market.

APMC is a statutory market committee constituted by a state government in a respect of trade in certain notified agricultural or horticultural or livestock product under the agricultural produce market committee act issued by state government.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* PRINCIPLE :-

APMC operate on two principles :-

1) Insure that farmers are not exploited by intermediaries who compel farmer to sell their produce at ~~the~~ the farm gate for an extremely low price.

2) All food produce should first be brought to market yard and then sold through auction

* FEATURES :-

Each state which operate APMC market geographically divide the state and market are establish at different place within the state farmer are require to sell their produce via auction at the market in the their region. market. Wholesale and food processing companies cannot buy produce directly from a farmers.

* SALIENT FEATURES OF APMC.

① Facilitate Contract farming model.

② Special market for perishables.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

- ③ Farmer private person can set up own market.
- ④ Licensing norms related.
- ⑤ single market fee.
- ⑥ APMC revenue to be use for improving market infrastructure.

* VISIT OF APMC - KALAMNURI .

• Name of APMC :-

AGRICULTURAL PRODUCE MARKET
COMMITTEE KALAMNURI , Ta. KALAMNURI DIST
HINGOLI .

• ESTABLISHMENT :-

APMC Kalamuri is established
in year 1966 .

• MARKET YARD :-

These APMC has well
organised market yard having 15 acre area in
market yard 22 traders shop, 2 godowns and
one cold storage , it having 2 auction shade

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

150 sq.m and 50 sq.m and also well developed livestock shade is available.

• SUB-MARKET YARD.

These APMC having one sub-market yard which is located at Goul Bazar Ta. Kalamusi Dist. Hingoli which having 5 acre in size and it is secondary APMC.

• COMPOSITION OF MARKET COMMITTEE.

The APMC, Kalamusi composed 29 members of committee from that 12 member are government officers and 8 member are working member

1) Mr. Sanjay Balaji Kawade - Chairman.

2) Mr. Suresh Sahebrao Nagre -

3) Mr. Daulat Marotrao Rhanwe.

4) Mr. Dipak Pandit Bendre.

5) Mr. Ramkisan Ganpat Thakur.

6) Mr. Prakash Kanoji Nirmal.

7) Mr. Sanjay Dattarao Jinturakar.

8) Mr. Rajesh Sheshao Naik.

9) Miss. Vanita Gangodhar Kadam.

10) Mr. Balasahel Dattarao Kadam.

11) Mr. Nagorao Maroti Kasande.

12) Mr. Sahebrao Kanoji Bendre.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

The working members in APMC are as follow :-

- 1) Mr. B.M. Jadhav - Secretary
- 2) Mr. P.D. Deshmukh - Inspector
- 3) Mr. G.K. Lubade. - Senior clerk
- 4) Mr. S.S. Garad. - Jr. clerk.
- 5) Mr. M. Gausi. A. Rashid
- 6) Mr. J.K. Badre.
- 7) Mr. P.U. Mulkade - Watchman.

• SETTLEMENT COMMITTEE :-

- 1) Chairman
- 2) Vice chairman.
- 3) Director.

• CO-OPERATIVE MARKETING SOCIETY.

There are no such type of any co-operative marketing society linked with APMC - Kalamuri.

• FINANCIAL SOURCE OF MARKET COMMITTEE :-

Financial source of market committee is market fees 1% of the produce value, APMC gives shares to trader on rent basis @ 180 B/month, Gives the sale @ 1.05 pais/94B produce of market.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

• COMPOSITION OF LICENCE PROVIDED MEMBER.

These APMC provided about 190 licence, They are as follow :-

| | | |
|----------------------|---|-----|
| 1) Middleman | - | 29 |
| 2) "A" Grade traders | - | 58 |
| 3) "B" Grade traders | - | 34 |
| 4) Hamal | - | 69. |

Note :- "A" grade trader - Means which purchases more than 25 kg of commodity.

"B" grade trader :- which purchases less than 25 kg of commodity.

• WORKING OF APMC :-

1) APMC sells the produce of farmer through a present fixed price according to a demand.

2) To establishes a market in marketing area and provide such a facilities for person visiting in connection with the purchase, sell storage and processing of agricultural produce directly

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* IMPORTANT FEATURE OF APMC:-

a) METHOD OF SALE:-

For selling of agricultural produce is done by open auction method. There is two market yard specially used for auctioning of produce.

b) WEIGHMENT OF PRODUCE

These APMC having two weighing balance with 5 qtls. capacity each and the weighing charges @ RS. 2/qtls.

c) GRADING OF THE PRODUCE:

Grading of produce is done by trader on the basis of size, shape and overall quality of produce, grading is done through a standard decided by government.

d) MARKET CHARGES :-

The market charge of these APMC is 1% of value produce.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* MARKET FUNCTIONARIES:-

- ① packaging.
- ② Grading
- ③ Transportation.
- ④ storage
- ⑤ cold storage
- ⑥ Livestock.

* STORAGE FACILITY:-

These APMC having one store house with 200 metric ton capacity for to stored the produce.

* COLD STORAGE:-

These APMC hold the cold storage with 10 ton storage capacity.

* LABOUR:-

In these APMC about 69 labour are work daily for transporting, filling and weighing of the produce.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* ARRIVAL OF COMMODITIES :-

In these APMC about 47 commodities are active in these market out of these soybean, gram, J.nut, green gram, Black gram are the main crops.

- These working APMC spread over the Kalamnuri taluka.

* WORKING CAPITAL :-

The total working capital is 18,14,98,575 out of this total income gain in the year 2016-17 2 crore 50 lakh.

The main aim of APMC to provide better marketing facility to the farmer after arrivals of commodity in their market yard they also make effort for gaining more and more prices to farmer produce & also take care of making the payment of produce also take farmer in less & less traders.

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



• MARKETING DETAIL OF LAST YEAR:-

| Sr No | Crop | ARRIVAL in qtl | max. price | minimum price | ordinary price | Grand Total. |
|-------|----------|-------------------|---------------|------------------|-------------------|-----------------|
| 1 | wheat | 4233 | 1800 | 1500 | 1600 | 67,74,540 |
| 2 | Gram | 5048 | 4500 | 3100 | 4100 | 19,82,8441 |
| 3 | soyabean | 29,998 | 2800 | 2300 | 2600 | 10,40,74,355 |
| 4 | Tur | 4500 | 9700 | 5000 | 8000 | 35,07,07,75 |
| 5 | cotton | 2986 | 4500 | 4300 | 4200 | 13,30,23,00 |
| 6 | other | 882 | - | - | - | 24,47,164 |
| | total | 47,6472 | - | - | - | 18,16,98,575 / |

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



MSP (last two year)

| Sr No. | COOP NAME | 2016 - 2017 | 2017 - 18 MSP | 2017-18 MSP (RS) | | |
|--------|----------------------|-------------|---------------|------------------|-------|---------------|
| | | | | Growth | Bonus | Total growth. |
| ① | Rice | 1450 | 1550 | 80 | 00 | 80 |
| | Average "A" grade | 1510 | 1590 | 80 | 00 | 80 |
| ② | Sorghum Hybrid | 1625 | 1700 | 75 | 00 | 75 |
| | Maldandi | 1650 | 1725 | 75 | 00 | 75 |
| ③ | Tur | 5050 | 5450 | 200 | 200 | 400 |
| ④ | Black gram | 5000 | 5400 | 200 | 200 | 400 |
| ⑤ | Green gram | 5225 | 5575 | 150 | 200 | 350 |
| ⑥ | Cotton M. stepal | 3860 | 4020 | 160 | 00 | 160 |
| | L. stepal | 4160 | 4320 | 160 | 00 | 160 |
| ⑦ | G. nut | 4220 | 4450 | 30 | 200 | 230 |
| ⑧ | Soyabean | 2775 | 3050 | 75 | 200 | 275 |
| ⑨ | maize | 1365 | 1425 | 60 | 00 | 60 |
| ⑩ | sesamum | 5000 | 5300 | 200 | 100 | 300 |
| | | | | | | |

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

*** Questionnaires :-**

① What is the name of APmc ?

② When established these APmc ?

③ How many Area covers by these APmc ?

④ How many villages are attached to these APmc ?

⑤ What facilities are available ?

⑥ How many member are work in these APmc.

⑦ What is the ~~the~~ function of APmc ?

⑧ Which method used for selling ?



RAWE *Demonstrations*

2

STUDY OF FINANCIAL INSTITUTION
AND
PREPARATION OF BANK PROPOSALS.



STUDY OF FINANCIAL INSTITUTIONS AND PREPARATION OF BANK PROPOSAL.



**THE PARBHANI DISTRICT CENTRAL
CO-OPERATIVE BANK LTD. PARBHANI
BRANCH : DONGARKADA**

CERTIFICATE

This Certificate given to

Name :- Jadhav Devanand Sandipar Reg No: 43A/coAT/14 B

A Rural Agriculture Work Experience (RAWE) Student of **COLLEGE OF
AGRICULTURE TONDAPUR** Placed Under the Centre of **COLLEGE
OF AGRICULTURE TONDAPUR** Visited to **THE PARBHANI DISTRICT
CENTRAL CO-OPERATIVE BANK LTD. PARBHANI .BRANCH :**
DONGARKADA Dist.Hingoli.and Collected all Necessary Information.

Date of issue :- 14 / 9 / 2017

Place of Visit :- PDCC.Bank,Dongarkada

For The Parbhani D.C.C.Bank
Br.Dongarkada 26


Acctt./Agent. 617
Signature of Authority



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

Center : COA_Tondapur

Name of Student : Jadhav D.S.

Host Farmer : Hake J.D.

Reg No. : 43/COAT/14/B

Alloted Village : Bhategaon

DEMONSTRATION NO :- 02

TITLE :- **STUDY OF FINANCIAL
INSTITUTION AND
PREPARATION OF
BANK PROPOSALS**

INTRODUCTION:-

District central co-operative

Bank are of two types:-

- ① Known generally as "Banking Union".
- ② where both individual and societies are allowed to become member of the bank.

We are the VIIth semester (RAWE) student of college of Agriculture, Tondapur visited to the Parbhani "District central co-operative Bank" studied about the Banking Union where

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

membership is confined to primary societies only.

- DCC Bank serve as a Balancing centre for adjusting the surplus and deficiency of working capital of PACS'S.

* OBJECTIVE :-

- ① To act as a Balancing centre of finance for primary societies in the district by providing them funds. when they have shortage and by serving as a clearing house for their funds which are surplus.
- ② To encourage thrift and collect saving from members and others.
- ③ To provide other banking facilities for members.
- ④ To develop and extent banking facilities in rural areas.
- ⑤ To supervise, guide and control the working of members.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

THE PARBHANI DISTRICT

CENTRAL CO-OPERATIVE

BANK

BRANCH :- DONGARKADA.

- ① These DCCB Bank was established on dated 25-11-1967 in 'DONGARKADA.'
- ② The head office of these Branch situated at Parbhani.
- ③ These bank work for providing the crop loan.
- ④ TARGET :- The main target of these DCC Bank is to increase the number of deposits in bank.
- ⑤ The timing of the bank starting and closing is 10:30 AM to 5:30 PM. The transaction timing is 10:30 AM to 2:30 pm.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

6) The head office of parbhani and Hingoli DCCB is located at parbhani and both district having 113 branches in these two district of DCCB.

* MEMBERSHIP :-

The membership of DCCB generally consist of primary societies functioning in the area of operations.

These bank having 6 members of working committee, they are follow :-

- ① Mr. A.G. Pandit - Manager
- ② Mr. S.W. Jadhao - cashier
- ③ Mr. S.W. Jadhao - loan officer
- ④ Mr. S.G. Sontake - clerk
- ⑤ Mr. R.B. Khupse - peon
- ⑥ Mr. R.J. Khandre - peon.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* SOURCES OF BANKING CAPITAL.

- ① Source for working capital is usually provided by head office or state co-operative Bank or government.
- ② These bank received the funds from Maharashtra state co-operative Bank (MSR) Bank, Mumbai.
- ③ Deposit - It is 3rd important source of working capital next to share capital and reserve & other funds.

* TYPES OF LOANS:

These bank provide only one type of loan i.e. short term loan or crop loan.

⇒ Recovery period :- 1 year.

⇒ Interest rate :- 6%. [3% Subsidy from gov. if farmer regular]

⇒ provide loan up to 1 lakh Rs.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

*** TYPES OF DEPOSITS :-**

- ① Re-Investment (6-month interest)
- ② straight Investment (yearly interest)

*** JURISDICTION :-**

1) These bank include 42 village under its jurisdiction on they are Dongarkada, Bhategaon, Zunzunwadi, Mahalingi, Kateshwadi, Devawadi, Sayalwadi, Wosud, Hiwara, Choramba, Jawla, Wadegaon, Redgaon, dandegaon etc.

2) These DCCB provide a advance loan fund to the Hiwara & Dongarkada Branches. Because recovery is about up to 80-85%.

3) Each village has its own committee with member - Panch member - secretary of Bank and dean officers.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

*** SOCIETY OF BHATEGAON :**

These are the sub-branches of DCCB
dongarkada at village level. In these branches
includes two village i.e. Bhatagaon & Zunzunwad.

These branch - secretary and chairman and
they are as follow :-

- | | |
|--------------------------|------------------|
| 1) Bhilku Kisan Rathod | - Chairman |
| 2) Bodhan Manu Rathod | - Vice. Chairman |
| 3) Pralhad bodhan Rathod | - Secretary |
| 4) D.L. Rathod | - member. |
| 5) K.L. Rathod | |
| 6) V.B. Rathod | |
| 7) Shekh Ahamad habib | |
| 8) S.P. Chavan | |
| 9) D.D. Wanole | |
| 10) S.K. Hatkar | |
| 11) V.K. Chavan. | |
| 12) R.D. Rathod. | |

*** CRITERIA FOR INSTITUTE MEMBERSHIPS :-**

- ① 3-certified copy of application.
- ② paid receipt of Rs. 111.
- ③ member of village within its jurisdiction.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* PROEEDURE FOR ADVANCING LOANS :-

1) The farmer should be the member of the village and committee who are need of loan.

2) Farmer should passes the following criteria

- a) 7/12 declaration and 8-A
- b) 2- victims.
- c) 2- passport size photograph.
- d) Asset statement.
- e) ₹ 100 Stamp paper.
- f) Loan form.
- g) Identify proof.

3) Then loan officer verify the detail and grant the loan.

4) Loan officer checks the previous year loan detailed, whether they are regular / irregular.

5) And provide certified copies to farmer in case of 1st application.

6) Then application are sent to head office and.

7) chairman complete the procedure of loan proposal i.e. we enquire about its land owning,

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

loan details, crop be had, loan amount requires etc and submitted the details to loan officer of branch.

8) After that loan officer grant the loan.

9) And loan will be provided within two day after an application.

10) Loan will be provided directly to the branch not for ~~be~~ to the members.

11) Then Branches distributes the amount among the members.

* LOAN AMOUNT FOR DIFFERENT CROPS:

1) Soyabean - 3000/acre.

2) Sugarcane - 25000/acre

3) Cotton - 6000/acre.

4) Jawar - 1000/acre.

5) Legume crop - 1500/acre.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* RECOVERY OF LOAN :

The loan should be repaid within a one year. If delayed in repaid the loan, bank sent the notice to all borrowers.

After the notice repayment is not done then Bank. takes proper action against the loan members.

About 80-85% loan recover from Dongarkada, Hiwara & Jawla.

* ROLE:-

- ① CROP Insurance.
- ② provide subsidies if need to the farmer for implement, fertilizers.
- ③ provide Nisadhara yojana to senior citizens.
- ④ deposits.
- ⑤ Records.

* OTHER SPECIFICATION :

- ① Maintenance of previous year record.
- ② 7400 borrowers.
- ③ Loan provided member 330.
- ④ 8 crore 82 thousand, loan amount provided till date.

१६ परभणा जिल्हा मध्यवर्ती सहकारी बँक लि., परभणी

शाखा डोंशरफडा

- बँकेच्या तपासणी अधिकाऱ्याने भरावयाचा फॉर्म -

विजमोटर, पाईप, सामुदायिक, उपसा जलसिंचन योजना, बोअरवेल, बोअरिंग, विहिर खोल करणे, तुपार जलसिंचन संच, मळणी यंत्र, कडबा कटर, ट्रॅक्टर, गोबर गॅस बायोप्लॅट, दुभती जनावरे, बैलजोडी, बैलगाडी या कारणासाठी उपयोगात आनावयाचा फॉर्म.

(अ) संस्थेची माहिती -

- १) संस्थेचे नांव शाखा डोंशरफडा ता. फकणजुरी
- २) ऑडीट वर्ग () ३) ऑडीट दिनांक _____
- ४) संस्थेची मागील हंगामातील
वसुली टक्केवारी _____ टक्के _____ दिनांक _____ अखेर
- ५) शिफारशीची तारीखेवरील
वसुली टक्केवारी _____ टक्के _____ दिनांक _____ अखेर
- ६) संस्थेकडील बँकेची एकूण येणे बाकी रु. _____ पेकी थकबाकी रु. _____
- ७) संस्थेकडील म.मु. शेती कर्जाची येणे बाकी रु. _____ पेकी थकबाकी रु. _____
- ८) पंच कमेटी कार्यक्षम आहे काय _____ वसुलीस सहकार्य देते काय _____
- ९) _____

(ब) सभासदाची माहिती -

- १) सभासदाचे नांव राजराव उत्ताराव हाके गांव भाटेगाव
- २) सभासदाकडील एकूण जमिन _____ एकर _____ २ गुंटे १४
- ३) पेकी जिरायत _____ एकर _____ १ गुंटे
- ४) वागायत _____ एकर _____ २ गुंटे १४
- ५) पाण्याचे साधन (विहीर, नाला, नदी, कॅनल, तळे) विहीर, कॅनल
- ६) पाणी उपसण्याचे साधन (मोटर, बीजमोटर, ऑईल इंजिन) मोटर
त्रोल साधन जाती किंवा सामुदाईक तपशील द्यावा _____
- ७) सभासदाकडील कर्जाचा दि. _____ अखेर तपशील
- | | येणे बाकी | पेकी थकबाकी |
|----------------------------|-----------|-------------|
| अ) अल्प मुदती | रु. _____ | रु. _____ |
| ब) सुदर्शन चक्र पत पुरवठा | रु. _____ | रु. _____ |
| क) मध्यम मुदत रूपांतर | रु. _____ | रु. _____ |
| पेकी वसुली पात्र हप्ता | रु. _____ | रु. _____ |
| दिनांक _____ | | |
| ड) मध्यम मुदत शेती | रु. _____ | रु. _____ |
| पेकी वसुली पात्र हप्ता | रु. _____ | रु. _____ |
| दिनांक _____ | | |
| ई) इतर कर्ज (तपशील द्यावा) | रु. _____ | रु. _____ |

८) सभासदाचे संस्थेत जमा केलेले भाग रु. _____

९) (सभासद कारखान्याचा भागधारक असल्यास) कारखान्याचे नांव _____

भाग संख्या _____

भागाचो रक्कम _____

१०) सभासदकडील मागील तीन वर्षातील कर्ज वाटप व वसुलीचा तपशील -

अ) वाटप रु. २०,००० दि. १४-०६-१४ वसुली रु. २१००० दि. १८-११-०१५

ब) वाटप रु. _____ दि. _____ वसुली रु. _____ दि. _____

क) वाटप रु. _____ दि. _____ वसुली रु. _____ दि. _____

११) सभासद मागील तीन वर्षांत केव्हा _____

थकबाकी होती काय ? असल्यास किती _____

दिवस व रक्कम याचा तपशील द्यावा _____



ग्रामपंचायत कार्यालय भाटेगांव

ता. कळमनुरी, जि.हिंगोली.

सौ. ईद्रगाई धोंडबाराव हाके

+ उपस्थित +

शंकरराय लालज
+ लक्ष्मण +
मं १०१४८१०२८७/१४४२२०१



न.

प्रमाण पत्र

दिनांक


प्रमाण पत्र देण्यात येते की श्री/सौ. श्री. मीजे भाटेगांव

हे / ह्या सा. मीजे भाटेगांव, ता. कळमनुरी, जि. हिंगोली येथील रहिवासी आहेत.


करिता प्रमाण पत्र देण्यात येते.

संस्थान
ग्राम पंचायत कार्यालय
भाटेगांव ता. कळमनुरी

भारत सरकार
GOVERNMENT OF INDIA



रामराव दत्तराज हाके
Ramrao Dattaraj Hakke
जन्म तारीख/ DOB: 01/01/1984
पुंलिंग / MALE



2887 6769 7600

आधार - सामान्य माणसाचा अधिकार

भारतीय विशिष्ट पहचान प्राधिकरण
INDIAN IDENTIFICATION AUTHORITY OF INDIA

पत्ता:
S/O: दत्तराज हाके, पु
भद्रगाव पोस्ट सुकली ता
चळमन्नी, भातगाव,
दिवोली,
महाराष्ट्र - 431701

Address:
S/O: Dattaraj Hakke, AISHATEGAON
POST SUKLI Tal. Katambur,
Chalmanji, Hatgaon,
Maharashtra - 431701

2887 6769 7600

Aadhaar-Aam Admi ka Adhikaar

गाव नमुना सार

अधिकार अभिलेख पत्रक

(महाराष्ट्र जमीन महसूल अधिकार अभिलेख आणि नोंदवहा (तयार करणे व सुविधेतील ठेवणे) नियम, १९७१ यातील नियम ३, ५, ६ आणि ७)

गाव :- भादगाव (अ)

तालुका :- कळमनूरी

जिल्हा :- हिंगोली

| गट क्रमांक व उपविभाग 17/2 | भुधारणा पद्धती भोगवटारदार दर्ज -1 | भोगवटारदारचे नांव | | | | | खाने क्रमांक | |
|--------------------------------|--------------------------------------|-------------------|---------|------|-----|---------|--------------|--------------------------|
| शेतीचे स्थानिक नांव | | | क्षेत्र | आकार | आणे | पो.ख. | के.फा | |
| क्षेत्र एकक: हे.अतर चौ मो | दत्ता रुद्राजी हाके | | 0.91.00 | 3.44 | | 0.05.00 | (539) | 89,492,493 |
| जिरापत 2.74.00 | जगदेराव दत्ता हाके | | 0.91.00 | 3.44 | | 0.05.00 | (866) | कुळाचे गाव इतर अधिकार |
| हागागत - | रामराव दत्ता हाके | | 0.92.00 | 3.48 | | 0.04.00 | (866) | |
| तरी - | | | | | | | | |
| करकस - | | | | | | | | |
| इतर - | | | | | | | | |
| एकुल क्षेत्र 2.74.00 | | | | | | | | |
| पोटखराव (तगावडीस अयोग्य) | | | | | | | | |
| दर्ज (अ) 0.14.00 | | | | | | | | |
| दर्ज (ब) - | | | | | | | | |
| एकुल पो ख 0.14.00 | | | | | | | | |
| आकारणी 10.35 | | | | | | | | |
| सुट्टी किंवा शिंप आकारणी | | | | | | | | |
| | (907) | | | | | | | सीमा आणि भुमापन पिट्टे |

सुचना : या अंकेतबद्धावर दर्शिलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबीसाठी वापरता येणार नाही.

गाव नमुना सार

अधिकार अभिलेख पत्रक

(महाराष्ट्र जमीन महसूल अधिकार अभिलेख आणि नोंदवहा (तयार करणे व सुविधेतील ठेवणे) नियम, १९७१ यातील नियम २९)

गाव: भादगाव (अ)

तालुका: कळमनूरी

जिल्हा: हिंगोली

| वर्ष | हागागत | पिकाखालील क्षेत्राचा तपशील | | | | | | निर्भेदपिकाखालील तागावडीसाठी उपलब्ध वसनेली जमीन | जल सिंचनाचे साधन | शेत |
|---------|--------|----------------------------|-----------------------------------|-----------|---------------------------|------------|-----------|---|---------------------|-----|
| | | निर्भेदपिकाखालील क्षेत्र | | | निर्भेद पिकाखालील क्षेत्र | | | | | |
| | | मिश्रणाचा संकेत क्रमांक | घटक पिके व प्रत्येकाखालील क्षेत्र | जल सिंचित | अजल सिंचित | पिकाचे नाव | जल सिंचित | | | |
| 2012-13 | खरीप | | | हळद | 0.4000 | हळद | 0.4000 | | | |
| | | | | सोयाबीन | 1.2600 | | | | | |
| | | | | कापूस | 0.6000 | केळी | 0.4000 | | | |
| 2013-14 | खरीप | | | हळद | 0.4000 | हळद | 0.4000 | | | |
| | | | | सोयाबीन | 1.2600 | | | | | |
| | | | | कापूस | 0.6000 | केळी | 0.4000 | | | |
| 2014-15 | खरीप | | | हळद | 0.4000 | हळद | 0.4000 | | | |
| | | | | सोयाबीन | 1.2600 | | | | | |
| | | | | कापूस | 0.6000 | केळी | 0.4000 | | | |

सुचना : या अंकेतबद्धावर दर्शिलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबीसाठी वापरता येणार नाही.

| वर्ष: 2017-18 | | गाव नमुना आठ-अ धारण जमिनीची नोंदबही (आसामीवार खतावणी - जमाबंदी पत्रक) | | | | | 11/8/2017 | |
|------------------------------------|----------------------------------|---|-------------------|-------------------------|---------------|-----------------|-----------------|--|
| गाव: भाटेगाव (अ) | | तालुका: कळमनुरी | | | | | जिल्हा: हिंगोली | |
| गाव नमुना सहा मधील नोंद | भूमापन क्रमांक व उपविभाग क्रमांक | क्षेत्र | वसुलीसाठी | | | | एकूण | |
| | | | आकारणी किंवा जुडी | दुमाला जमिनीवरील नुकसान | स्थानिक उपकर | | | |
| (१) | (२) | (३) | (४) | (५) | जि.प. (६अ) | ग्रा.प. (६ब) | (७) | |
| खाते क्र. 493 व्यक्तिगत खातेदार | रामराव दत्ता हाके. 17/2 | 0.92.00 | 3.48 | 0 | 17.4 | 3.48 | 24.36 | |
| एकूण | | 0.92.00 | 3.48 | 0 | 17.4 | 3.48 | 24.36 | |

सुचना : या संकेतस्थळावर दर्शविलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबींसाठी वापरता येणार नाही.

| वर्ष: 2017-18 | | गाव नमुना आठ-अ धारण जमिनीची नोंदवही (आसामीवार खतावणी - जमाबंदी पत्रक) | | | | | 11/8/2017 | |
|-----------------------------------|----------------------------------|---|-------------------|-------------------------|---------------|-----------------|-----------------|--|
| गाव: भाटेगांव (अ) | | तालुका: कळमनुरी | | | | | जिल्हा: हिंगोली | |
| गाव नमुना सहा मधील नोंद | भूमापन क्रमांक व उपविभाग क्रमांक | क्षेत्र | वसुलीसाठी | | | | एकूण | |
| | | | आकारणी किंवा जुडी | दुमाला जमिनीवरील नुकसान | स्थानिक उपकर | | | |
| (१) | (२) | (३) | (४) | (५) | जि.प. (६अ) | ग्रा.प. (६ब) | (७) | |
| खाते क्र.492 व्यक्तिगत खातेदार | जगदेराव दत्ता हाके. 17/2 | 0.91.00 | 3.44 | 0 | 17.2 | 3.44 | 24.08 | |
| एकूण | | 0.91.00 | 3.44 | 0 | 17.2 | 3.44 | 24.08 | |

सुचना : या संकेतस्थळावर दर्शविलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबींसाठी वापरता येणार नाही.



RAWE *Demonstrations*

3

STUDY OF MULTIPURPOSE
CO-OPERATIVE / AGRO-DEALERS.



STUDY OF MULTIPURPOSE CO-OPERATIVE SOCIETIES/AGRO DEALERS



**JAY BAJARANG KRISHI SEVA
KENDRA, DONGARKADA**

Tq. Kalamnuri Dist. Hingoli.

CERTIFICATE

This Certificate given to

Name :- Jadhav Devanand Sandipon Reg No: 43A/COMI/141B

A Rural Agriculture Work Experience (RAW) Student of COLLEGE OF AGRICULTURE TONDAPUR Placed Under the Centre of COLLEGE OF AGRICULTURE TONDAPUR Visited to JAY BAJARANG KRISHI KENDRA, DONGARKADA Tq. Kalamnuri Dist. Hingoli. and Collected all Necessary Information.

Date of issue :- / /2017

Place of Visit :- JAY BAJARANG KRISHI KENDRA,
DONGARKADA

Rathod

Signature of Authority





VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE

(2017-18)

Center : COA _Tondapur

Name of Student : Jadhav D.S.

Host Farmer : Hake T.D.

Reg No. : 43 /COAT/14/B

Alloted Village : Bhategaon.

DEMONSTRATION NO :- 03.

TITLE :- STUDY OF MULTIPURPOSE
SOCIETIES / AGRO-DEALERS.

INTRODUCTION :-

A typical agro-dealer is a rural shop owner who is trained in business skills. Product knowledge, safe handling and use of modern technology linked to major input supply companies using a credit guarantee scheme which covers some of the risk related costs normally borne firms building rural input supply network.

OBJECTIVE :-

- ① The main objective of Agro-dealer is to supply all farm related product. i.e. seeds, fertilizers, insecticides, Growth regulator at minimum cost and to give guideline to farmer.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* OBJECTIVE :-

- ① The main objective of Agro-dealer is to supply all farm related product viz; seeds, fertilizer, insecticide, Growth regulators, at minimum cost and to give guideline to the farmer.
- ② To impart knowledge about the governing regulation of Agricultural inputs.
- ③ To make input dealers an effective source farm information at the village level for the farmers.

* RELATED INFORMATION :-

We are the student of VIIth semester (RAW) visited to the Agro-dealer in Dongarkada and collected all necessary information.

* Owner :- Mr. Narayan Jaywantao Rathod.

* Qualification :- Bsc (HORT)

* Address :- At. Dongarkada Tq. Kalamnuri
Dist. Hingoli.

* Area of shop :- 30 X 60 feet. in Dongarkada.

RURAL AGRICULTURAL WORK EXPERIENCE (2017-18)

* Annual profit ₹ - ₹ 2,50,000

* WORKING :-

- ① It supply all type of farm related products.
- ② It gives guideline about Cropping pattern.
- ③ It gives information regarding new technology and new pesticide, herbicide, growth regulator, and other beneficial products.

* AVAILABLE FARM PRODUCT IN SHOP :-

The following farm product are available in Agro dealer shop :



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



• HERBICIDES •

| Sr No | Common name | Brand | contain | Dose | price | pre/post |
|-------|-------------|----------|----------------------|--------|-------|----------|
| 1 | Round-up | Moncento | Glyphosate 41% SL | 120 ml | 160 | pre |
| 2 | Glycel | Excel | Glyphosate 41% SL | 120 ml | 350 | pre |
| 3 | Sacccate | Adma | - | 120 ml | 580 | post |
| 4 | 2,4-D | - | 2,4-D | 30 ml | 150 | post |



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



• INSECTICIDE •

| Sr No. | Common name | Brand | contain | Dose | price. |
|--------|----------------|------------|--|-------|--------|
| 1 | Phoskill | UPL | Monocrotophos 36% EC | 30 ml | 250 |
| 2 | Kahar | Khandelwal | chloropyrifos 20% EC | 30 ml | 150 |
| 3 | Ulala | UPL | Flonicamid 50% | 15 gm | 605 |
| 4 | Ad-Fyre | Dhanuka | Emidochloride 36% | 15 gm | 426 |
| 5 | Gaucho | Bayer | [REDACTED] | 15 gm | 400 |
| 6 | Streptocycline | Hindustan | [REDACTED] streptomycine sulphate 90% IP | 10 gm | 502 |
| 7 | Accothion | BASF | Fipronil 5% SC | 30 gm | 338 |
| 8 | Fax S.C. | Dhanuka | Fipronil 5% SC. | 30 gm | 541 |

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



| | | | | | |
|----|------------|---------|------------------------------|--------|------|
| 9 | Azeva | Dhanuka | Thiomethaxam 25% WG | 15 gm | 467 |
| 10 | High volta | G.C.C. | Emactin Benzoate S.I. SC. | 10 gm | 550 |
| 11 | Asataf | TATA | Acephate 75% SP | 130 gm | 400 |
| 12 | Manik | TATA | Acetamiprid 20% SP | 15 gm | 485 |
| 13 | Dhanucop | Dhanuka | Copper oxychloride 50% WP | 30 gm | 287 |
| 14 | Rubey | G.S.P. | Difenthuson 50% WP | 25 gm | 1712 |
| 15 | Roney | SWAL | Difenthuson 50% WP | 30 gm | 1675 |
| 16 | Nuvan | DSA | Diachlozoxos 76% EC | 30 ml | 310 |



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



• FUNGICIDES •

| Sr No | Common name | Brand | Content | Dose | Price |
|-------|-------------|---------|-----------------------------|-------|-------|
| 1 | Caliber | Rhasti | contact | 30 ml | 650 |
| 2 | Atracol | Bover | Propinol 70% WP | 30 gm | 362 |
| 3 | Bumper | Adma | propiconazol 25% EC | 20 ml | 315 |
| 4 | Sliver | Dhanuka | Carbaben- zate 30% WP | 30 gm | 350 |

• GROWTH REGULATOR •

| Sr No | Common name | Brand | Content | Dose | Price |
|-------|--------------------|-------|-----------------------|-------|-------|
| 1 | power stim plus | UAT | Numic acid 36% | 30 ml | 1550 |
| 2 | Agresas | Ankur | Carboxylic acid-5% | 30 ml | 370 |
| 3 | Boom flower | Uday | Nimabenzin | 40 ml | 500 |
| | | | | | |



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR

RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



* FERTILIZERS *

| Sr No | Common name | Brand | price | content (NPK) |
|-------|-------------|-------------|--------|---|
| 1 | Zi-max | TATA | 106 | Zn = 12%. (m. nutrient) |
| 2 | Uttem nutre | Krushi came | 450 | Fe = 2%, Mn = 1%, B = 1%, Zn = 5%, Cu = 0.5% |
| 3 | 0:52:34 | Krushi came | 150/kg | P = 52%, K = 36% |
| 4 | 0:0:50 | Krushi came | 130/kg | K = 50% |
| 5 | urea | Koibhako | 258 | N = 46% |
| 6 | 18:18:10 | Bhumidhano | 750 | N = 18%, P = 18% |
| 7 | 20:20:00 | Bhumidhan | 810 | N = 18%, P = 18% |
| | | | | |

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI
COLLEGE OF AGRICULTURE, TONDAPUR



RURAL AGRICULTURAL WORK EXPERIENCE
(2017-18)



| | | | | |
|----|----------|--------|------|----------------------|
| 8 | 10:26:26 | ISPIKO | 1039 | N-10% P-26% K-26% |
| 9 | DAP | IFJIKO | 1097 | |
| 10 | potash | IPL | 890 | K-60% |
| 11 | 20:20:13 | Gromos | 1700 | N-20% P-20% K-13% |

कृषी महाविद्यालय तोंडापूर ता.कळमनुरी जि.हिंगोली
अंतर्गत

ग्रामीण कृषी कार्यानुभव कार्यक्रम-२०१७
भाटेगाव

प्रधानमंजी पीक विमा योजना

प्रधानमंजी पीक विमा योजना मध्ये शेतकर्यांना विमा भरण्याची शेवटची तारीख ३१ जुलै २०१७ होती. ती आता ०५ ऑगस्ट २०१७ करण्यात आली आहे. जर आपले शेतकरी बांधव (HOST FARMER) यांनी अद्याप विमा भरला नसेल तर त्यांना याची माहिती द्यावी.

● आवश्यक कागदपत्रे ●

- 1) विमा अर्ज
- 2) पीक पेरा
- 3) सातबारा
- 4) आधार कार्ड
- 5) बँक खाते नंबर

माहिती संकलन-कृषीदुत देवानंद संदिपान जाधव (भाटेगाव ग्रुप)

