

KRISHI VIGYAN KENDRA TIKAMGARH (M.P.)

# **CAPACITY BUILDING**

FARMERS MEETING-3 NO. OF BENEFICIARY - 112

#### **JATARA**

- Bijrawan
- Nadia
- Majhgua

No. OF FARMERS – 42 DATE: 24-3-2010



### **PRITHVIPUR**

- Birora Khet
- Birora Pahad
- Satti Satta Tola

No. OF FARMERS – 35 DATE: 25-3-2009



### **TIKAMGARH**

- Badmadai
- Rigora
- Sundarpur

No. OF FARMERS – 35 DATE: 26-3-2010



# TRAINING PROGRAMME – INTEGRATED FARMING SYSTEM (22-24 Oct., 2009)





NO. OF FARMERS - 30





## **FARMERS VISIT ON FIELD DEMONSTRATION - 60**





# FARMERS VISIT IN TECHNOLOGICAL PARK - 300





## PRODUCTION AND SUPPLY OF QUALITY PLANTING MATERIALS





PLANTING MATERIAL			
CROP	VARIETY	QUANTITY	
Papaya	Pusa Nanha	100	
Chilli	Disha	2000	
Brinjal	Pant Ritiraj	2000	
Tomato	N - 7	6000	

HEALTHY NURSERY DEVELOPMENT



PAPAYA – PUSA NANHA







**BRINJAL - PANT RITURAJ** 

TOMATO – NARENDRA - 7

CHILLI - DISHA

\* To Ensure quality seedlings at farmers door

#### SOIL SAMPLE COLLECTION CAMPAIGN - TO MAINTAIN SOIL HEALTH



ACTIVITIES	NO. OF ACTIVITIES	NO. OF SAMPLE
Soil Testing Campaign	06	1368

pH = 7.32 (Normal)EC (dsm <sup>-1</sup>) = 0.28 (Normal)

#### **NUTRIENT STATUS IN SAMPLES (%)**

NUTRIENTS	VERY LOW	LOW	MEDIUM	HIGH
Organic Carbon	10	67	20	30
Nitrogen	06	90	04	
Phosphorus	15	38	22	25
Potash		14	81	05







TRAINING FOR SOIL SAMPLE COLLECTION

**SAMPLING OF SOIL** 

#### AWARENESS RALLY ABOUT SUMMER PLOUGHING WITH NAGADIA FOLK INSTRUMENT





# To conservation and management of resources





# EXTENSION ACTIVITIES – FIELD DAYS



No. of Field Days - 3 No. of Farmers - 450



#### PARTICIPATION IN KISHAN MELA



### ANIMAL HEALTH MANAGEMENT

Animal Health Camp – 3 Beneficiary - 477





De worming (Piperazine 40ml at age of Ist week, repeated after 3 weeks )

**Control of Ecto Parasites** 









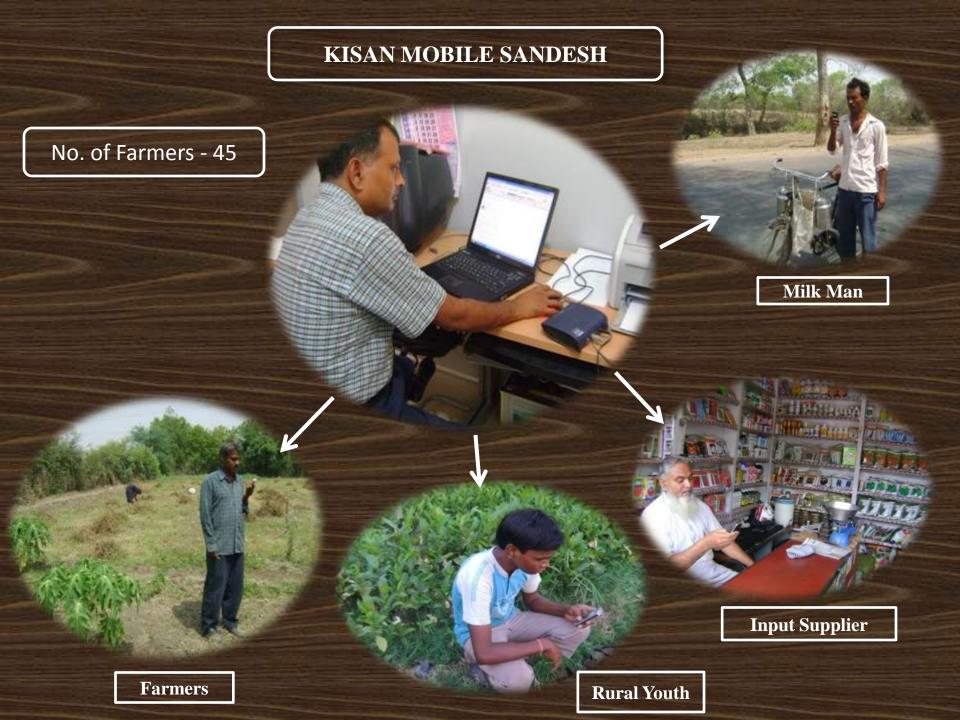






TITLE	MINERAL SUPPLEMENTS TO CROSS & LOCAL COWS.
Season & Year	Kharif - 2008-09
	Milch Cows depend on grazing and imbalance ration without
Problem	mineral mixture resulting low (1.7Lt./day / animal) milk
	production (affected 95% of the milch population).
Name of Technology	Feeding mineral mixture @ 30-40 g/ day / animal from 8
Name of Technology	month of Pregnancy till mid lactation.
<b>Farmers Practice</b>	T <sub>1</sub> = Farmers Practice (No Mineral Mixture)
Assessed Rec. Practice	$T_2 = Feeding mineral mixture @ 30-40 g/ day / animal from 8$
Assessed Nec. Practice	month of Pregnancy till mid lactation.
No. of Trials	Local = 45 Cross Bred = 30

Technology	Milk Pro	oduction ation)	Expenditure on Min. Mixture / Lact		Net Return (Rs./Lactation)	
	Cross	Desi	Cross	Desi	Cross	Desi
Farmer's Practice ( No Mineral Mixture)	1375	615				
Feeding mineral mixture @ 30 - 40 g/day/animal from 8 month of Pregnancy till mid lactation	1810 (31%)	702 (14%)	384	384	2436	1044



#### NO. OF PARTICIPANTS – 150 NO. OF PROGRAMME - 3







## MITIGATION OF DROUGHT



संरक्षण टॉ. गीतम करन बुलपति, ज.ने.कू.वि.वि. जबलपुर

> मार्थदर्शक श. के. के. गवलना संधालक विस्तार सेवापें ज.ने.क.चि.वि. जवलपुर

ता. आर.के. पाठक जिप्प्लाला, कृषि महाविधालय, टीकमगढ

दा. व.शम. गीनम आंचलिक परियोजना संचालक अंचल VII

मुख्य सम्पादक बा. आर. बे. एस. तोमर कार्यक्रम समन्त्रपक कृषि विज्ञान केन्द्र, टीकमगढ (म.प्र.)

बा. रूपेच कुमार पित विशेषत (कृषि विस्तार) मोचा : 9424601102 हाँ, आर. के. प्रचानीत विशेषत्त (पीध गंग्धण ) मंख्या : 9755300845 भी की एस. साह विशेषत (साम्र विशान) मोधा.: 9425814518

थी थी थी. पहचार कार्यक्रम संशायक (कम्प्टर)

STATISTICS: कृषि विशान केन्द्र, टीकमगढ़ (म.स.) HHIS-

फोन: 07683-244934 (af.)

\$art: 07683-245034

貴-耳厥 : kvktikamgarh@rodiffmail.com

#### अल्प वर्षा की स्थिति में नमी संरक्षण के उपाय

टीयमगढ़ जिलें में 31 अगस्त 09 तक यस वर्षा 430 मि.मी. वर्षा प्राप्त तई है जो कि स्रमान्य क्यां में 34 प्रतिकार कम है । असं इस प्रशिक्तीर में निम्मतिरिक्त वर्षण क्रियारी कर नामें संस्थात की जा सकती है तका संस्थात नभी का प्रध्येत किया जा सकता है।

- 1. बाथ बारा, खुरपी, बील तो, हैण्ड तो से खड़ी पत्तल में कतारों में बोर्ड पत्तल में गुड़ाई करें जिसमें भाष की अपने परत हट अली है तथा नवी संस्थित रहती है ।
- कतार में बोर्ड गर्ड जसतों में बत्या/डीश चलाते की एवं खेत से निकाले गये खरतप्रवारी की कलारों के बीच में खानी जगह में बिहा दे जिससे वाणीकरण की किया रूक जावेगी तथा श्रीम में
- 3. उर्द, मूँग की कटाई प्ररम्भ होने वाली है अल. क्ष्मधों को सलात दो जाती है कि मसल कटाई के तुरप्त जुलाई कर धीत में पाटा चना दें ताकि भविष्य में वर्षा तीने पर नभी सीवत ही सके ।
- चरि आगामी समय में वर्षा प्रान्त होती है तो सोवाबीन कटाई के बाद सेत विना नुताई कर 'सीडडिल'' से सीचे रबी फलती की बोनी करें ।
- 5 रबी के मीतम के लिये कम पानी चडात वाली प्रशाली मैंसे पटर, मागर, चना एवं सरखें की ती केंबेंसे करें र समय पर क्षेत्री करें ।
- सिवाई के लिये उपस्का सिवाई की विविधों उपयोग करना चारिये।

#### 2- कार्वनिक आदानो का उपयोग-

बार्वीनव आधान मैसे गोबर वी खाद, बैजुआ खाद, गाडेप खाद, बान्यर, गोबर गेस रतरी खाद का उपयोग करने पर निष्न निश्चित लाथ होते हैं -

- मिट्टी को रानेधार बनागा है ।
   अमि की जलधारण श्रमण को बडाता है ।
- 3. मुद्र जल को उड़ने से क्यान है । 4. विकानी मिट्टी को भरभूग कराना है ।
- मिटटो को योषक तत्वों के साथ-साथ तारमोन्म तथा एंग्टीबार्याटिका भी प्रधान करता है ।
- अधीनय आयन को अपने साथ बांधकर अमीनय उत्तरकों के नीधालन (लीचिन) को कम बनला है।
- 7. बाजाब तत्वों के साथ-साथ यह बहुत सारे सुक्त नाविक तत्वों को भी भूदा को प्रधान करते हैं।
- लाने कार्यनिक पदार्थ सतने पर नाप्ट्रेट, आक्रमलेट, टाप्ट्रेट व लेक्ट्र पेदा करते है लोड लवा एल्ड्रॉमॅनियम को बांयकर परसोट भी प्राप्तत को बढाते हैं
- या सुरम जीवों के लिये थोजन एवं ऊर्जा प्रदान करता है।
- 10 लामधायक जीवों (कैयुआ का कुलकों) के लिये बोजन प्रधान करता है।

#### 3- Rigist on all ara-

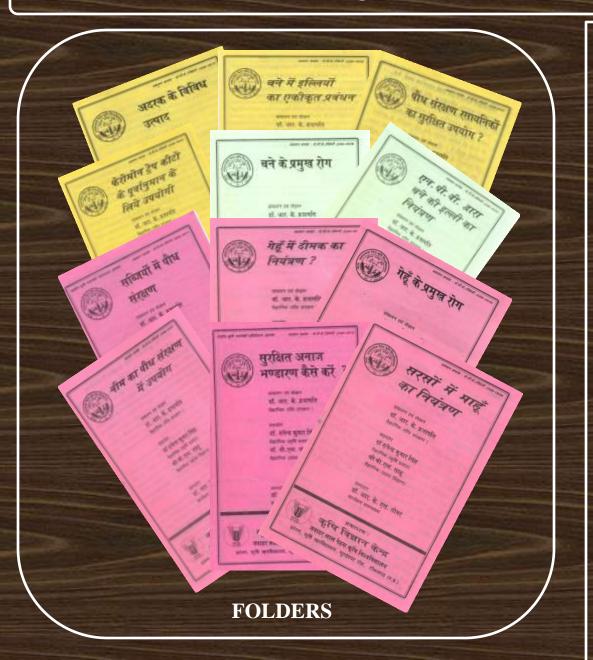
रबी पताली में सिंबाई की योजना बनाते समय उपलब्ध जल, निही था प्रवार, पताल, पताल प्रजाति, वृद्धिकाल, निर्द्धा में जीवांज की माना और खेल में कोची गई विकली फराल आदि को न्यान में लाउना बहुत अवक्रपण है। जब मिटते में प्राप्त जल की इतनी क्ष्मी हो जावे कि पैसे की वृद्धि एवं विकास पर उत्तव्य प्रतिवृत प्रचात पड़ने की संबादना हो तो सिकाई बरना आवश्यक हो जाता है । हमारी पसल को पनी की आध्यकत को निम्नतिधित विविधे हारा तात किया जा सकता है।

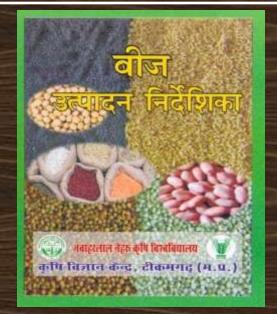
- पीनों के बहुत कुछें को देखकर- जल की कमी होने पर पीनों में विश्वविश्वाल परिवर्तन जा जाता है ।
- (आ) पत्तियों का रंग गारा ही जाता है ।
- (व) प्रतिच्यां मुन्त्रप्रने, सिक्ष्टने, एवं एठने सगती है।
- (स) पीचों में स्थित की कमी अली है जिससे पीचे शुक्र जाते हैं ।

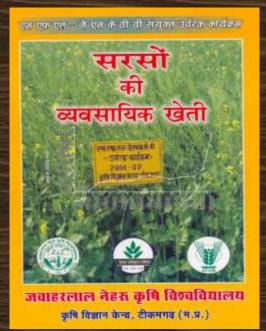
अपना मोबाइल नम्बर लिखवाये, घर बैठे कृषि की नई जानकारी एवं समस्याओं का समाधान पायें । सम्पर्क सुत्र- 9424601102

QUARTERLY NEWSLETTER (Special Issue of Drought)

## **FARMERS FRIENDLY LITERATURE**







#### **QUARTERLY NEWS LETTER**



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Apr to June 2008



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Jan. to Mar 2009



# PARTICIPATORY SEED PRODUCTION PROGRAMME



# **ACTION PLAN** ACTION TAKEN BY ASA

Major livelihood System	Major Problems	Major Intervention	Expected Output ( Increase in yield %)	Approximate Expenditure (Rs/Acre)
CROP BAS	ED			
Wheat (C-1)	Imbalance dose of fertilizer (87:57:0 NPK kg/ha)	INM (120:60:40:5 NPK Zn+Azoto+ PSB) @ 20g/kg seed.	45 -55%	5 Demo in each Village Total Amount Rs. 5700/
Blackgram (C-1)	Heavy incidence of yellow vein mosaic	Variety replacement (PDU-1, PU-30, Azad-1, IPU-94-1)	50%	5 Demo in each Village Total Amount Rs. 4500/
Gram (C-II)	Heavy incidence of Helicoverpa	Pheromone trap + Bird perchers 50/ha + Neem oil @ 10ml/lit.+ quanalphos @ 1.5ml/lit.	35-40%	5 Demo in each Village Total Amount Rs. 9225/ Cont2

Major livelihood System	Major Problems	Major Intervention	Expected Output (Increase in yield %)	Approximate Expenditure (Rs/Acre)
Soybean (C-II)	Broad Casting Method of sowing	Ridge and Furrow method of Sowing by Seed drill	25-30%	Agril. Engg. Deptt.  5 Demo in each Village  Total Amount Rs/
Groundnut (C-III)	Imbalance use of fertilizer (9:23:0)NPK kg/ha	INM (20:60:20:25 NPKS kg/ha + Rhi.+ PSB@ 20g/kg seed)	20-30%	375 5 Demo in each Village Total Amount Rs. 5625/
Mustard (C-III)	Heavy incidence of aphid	Safe insecticide Ethphenprox @ 10 EC 750ml/ha.	20-25%	5 Demo in each Village Total Amount Rs. 2550/-

Major livelihood System	Major Problems	Major Intervention	Expected Output (Increase in yield %)	Approximate Expenditure (Rs/Acre)
Chilli (C-1)	Heavy incidence of viral disease	Seed treatment with <i>T. viride</i> @ 1 kg/ha + spray of Imadechlopide @ 125 ml /ha + 1% spray of Sulphex	60-80%	195 5 Demo in each Village Total Amount Rs. 2925/
Tomato (C-II)	Tomato is sown in 781 ha. With yield of 19 tonnes/ha due to local varieties	Kashi Anmol	40-50%	5 Demo in each Village Total Amount Rs. 3000/
Zinger (C-III)	Heavy incidence of stem rot	Seed treatment+2 drenching with Redomil @ 3ml/ltr of water	50-60%	3528 5 Demo in each Village Total Amount Rs. 17640/-

Major livelihood System	Major Problems	Major Intervention	Expected Output	Approximate Expenditure (Rs/Acre)
LIVE ST	OCK BASED			
Cattle (C-I)	Dominance of non descriptive breed	Up gradation of non descriptive by AI with Exotic breed (Jersy)	70%	Vety. Deptt.
	Feeding without mineral mixture	Feeding mineral mixture @ 30-40 g/day / animal from 8 month of Pregnancy till mid lactation	15-20%	5 Demo in each Village
				Total Amount Rs. 3960/- (396)
	Incidence of seasonal diseases	Timely vaccination		Animal Camp
	High Mortality in Buffaloes Calves	Deworming Piperazine 40ml/Calf at the age of Ist week		Rs. 10/Calf
Fisheries	Low production	Lime – 40 gm/Sqm = 400kg/ha	25-35%	5000
(C-II)	due to improper feeding  Phosphorus – 4gm/Sqm = 40kg/ha  Oilcake – 150gm/Sqm = 1500kg/ha  Raw Cow dug–300g/m³ = 3000kg/ha		1 Demo in each Village	
				Total Amount Rs. 15000/-

Major livelihood System	Major Problems	Major Intervention	Expected Output	Approximat e Expenditure (Rs/Acre)
Goat (C-III)	Prevalence of local breed. Low Body	Introduction of Jamunapari breed	-60 kg body	5000/Buck 3 Demo in
weight (20kg/yr.	weight (20kg/yr.) and low productivity (two		weight production	each Village
	kid / year)		production /yr. , 3 kid /year	Total Amount Rs. 15000/-
Water Management (C-II & C-III)	No water conservation practices	Bunding and Terracing of field	Increase ground water	According to size of Nalah, fields
	Soil Erosion	Small water harvesting structure on field		
	Depletion of Ground water	Temporary check done on Nalah	Check the erosion	
	Depletion of Nutrients	Permanent check done on Nalah		

KRISHI VIGYAN KENDRA, TIKAMGARH

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