

परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
ताप्लेजुङ्ग		<ul style="list-style-type: none"> <li>➤ मकै: फौजी किराको एकिकृत व्यवस्थापन मुख्य बिक), study of pop corn &amp; sweet com processing method and cultivation practice, com flour बनाउने तरिका seed priming detasellingको प्रभाव, मकैको हाइब्रिड बीउ उत्पादन, पहाडि क्षेत्रमा गढा सुधारको उत्पादनमा प्रभाव</li> <li>➤ धान: seed priming &amp; seed treatment, हरियो मलको प्रभाव</li> <li>➤ गोलभेंडा: सेतो झिंगा, फलमा साग्ने गवारो, टुटा पात खन्ने किए, आइरस, पछौटे डढुवा नेमाटोडको एकिकृत व्यवस्थापन</li> <li>➤ लहरे बाली: फल कुहाउने औसा, धुलो दुसी, भाइरसको एकिकृत व्यवस्थापन</li> <li>➤ कोशे बाली: सेतो धुले दुसीको एकिकृत व्यवस्थापन</li> <li>➤ खुर्सानी: फल कुहाउने औसा, एन्थ्रकनोस, डढुवा, फेद कुहिने, ओइलाउने रोगको एकिकृत व्यवस्थापन</li> <li>➤ काउली: क्लब रट्ट, डाँठ कुहिने रोगको एकिकृत व्यवस्थापन</li> <li>➤ आलु: आलुको पुतली, ऐजेरु, potato starch निकाल्ने बनाउने तरिका, yield Variation in Potato under line planting with furrow, line planting and indigenous approach</li> <li>➤ च्याउ: Effect of different sterilization methods in production of mushroom</li> <li>➤ सुन्तला जात फलफूल: फल कुहाउने औसा कत्ले किरा, citrus greening, canker, root rot, candy and murubba को प्रशोधन, Farmers Survey regarding citrus greening occurrence</li> <li>➤ अलैंची: गानो कुहिने तथा डढुवा रोगको जैविक व्यवस्थापन, पुरानो तथा नयाँ बगानको खाद्यतत्त्वको विश्लेषण, ताजा अलैंचीको canning and branding, essential oil extraction (भट्टीमा सुकाउने समयमा तथा काँचो क्यापसुलबाट) जलविद्युत् आयोजनाले उच्च तथा मध्य पहाडिमा अलैंची वालीको उत्पादनमा पारेको प्रभाव</li> <li>➤ गानो कुहिने तथा गानोमा लाग्ने झिंगाको व्यवस्थापन, Value chain study of Ginger, early production</li> <li>➤ कफी: सेती गवारी, पातको सिन्दुरे व्यवस्थापन, root node nematode</li> <li>➤ लसुन/प्याज: पहेलो सिन्दुरे कालो पोकेको व्यवस्थापन, बेमौसमी खेती प्रविधि</li> </ul>
संखुवासभा		<ul style="list-style-type: none"> <li>➤ Possibility of HDP in citrus orchard</li> <li>➤ Management of Foot rot, root rot, gummosis, citrus canker diseases etc.</li> <li>➤ Nutrition management in citrus (impact on application of bone meal, oil cake, neem cake, micronutrient on yield of citrus.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Effectiveness of application of bio pesticides for management of pest and diseases of citrus and cardamom. Eg trichoderma, pseudomonas, BT Etc.</li> <li>➤ Impact of training and pruning on quality citrus production.</li> <li>➤ Probability of improve technology for increasing self-life of mandarin.</li> <li>➤ Effective management practice of citrus Psylla, scale insects, citrus mites, citrus fruit fly</li> <li>➤ Effectiveness of Mineral oil application on citrus to manage pests of citrus.</li> <li>➤ Selection of drought tolerant varieties of cardamom.</li> <li>➤ Identify resource conservation technology for cardamom to tackle drought.</li> <li>➤ Management of rhizome rot, stem borer, leaf eating caterpillar of cardamom.</li> <li>➤ Designing and installation of human labor friendly and less firewood consuming modular cardamom dryer.</li> </ul>
ओखलढुङ्गा		<ul style="list-style-type: none"> <li>• उच्च धनत्व स्याउ खेति प्रविधिको बारेमा अध्ययन अनुसन्धान</li> <li>• रैथाने/स्थानीय आलुको जातीय पहिचान तथा उत्पादन तथा उत्पादकत्व सम्बन्धी तुलनात्मक अध्ययन अनुसन्धान</li> <li>• किवी प्रशोधन, बजारीकरण सम्बन्धी सम्भाव्यता अध्ययन तथा प्रदर्शन</li> <li>• सुन्तला बालीको रोग किरा पहिचान, समस्या निदान सम्बन्धी अध्ययन अनुसन्धान</li> </ul>
खोटाङ		<ul style="list-style-type: none"> <li>➤ Farmer's perceptions on production and management practices of Nepali hybrid Maize and Multinational Maize</li> <li>➤ Study of different management practices of Fall army worm of maize</li> <li>➤ Pesticide Use Practices Among Vegetable Growers</li> <li>➤ Status of Post-Harvest Management Practices in Vegetable Zone</li> <li>➤ Possibility of HDP in citrus orchard</li> <li>➤ Management of Foot rot, root rot, gummosis, citrus canker diseases etc.</li> <li>➤ Nutrition management in citrus (impact on application of bone meal, oil cake, neem cake, micronutrient on yield of citrus.</li> <li>➤ Effectiveness of application of bio pesticides for management of pest and diseases of citrus and cardamom. Eg trichoderma, pseudomonas, BT Etc.</li> <li>➤ Impact of training and pruning on quality citrus production.</li> <li>➤ Probability of improve technology for increasing self-life of mandarin.</li> <li>➤ Effective management practice of citrus Psylla, scale insects, citrus mites, citrus fruit fly</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Effectiveness of Mineral oil application on citrus to manage pests of citrus.</li> </ul>
तेर्हथुम		<ul style="list-style-type: none"> <li>➤ काउली: गाँठरोग/क्लबरुट</li> <li>➤ अलैंची: गानो कुहिने र डडुवा, लाभ लागत अध्ययन तथा विश्लेषण</li> <li>➤ सुन्तलाजात: फल कुहाउने औसा कत्ले किरा, citrus greening, canker, root rot</li> <li>➤ प्लाष्टिक घरमा तरकारी खेतीको प्रभावकारिता अध्ययन</li> </ul>
इलाम		<ol style="list-style-type: none"> <li>1. The diseases prevalent in the large cardamom plant in the Ilam Large Cardamom Zone area.</li> <li>2. The soil condition status of the Large Cardamom Zone Area.</li> <li>3. The economics of large cardamom production in the Zone Area of Ilam.</li> </ol>
झापा	धान सुपरजोन, सुपारी जोन, रबर जोन, मकै जोन, तरकारी जोन, मत्स्य जोन	<ul style="list-style-type: none"> <li>➤ चैते धानमा Varietal trail धानको आयात/निर्यातको झापा जिल्लाको अध्ययन</li> <li>➤ सुपारीको रोगको व्यवस्थापन तथा प्रविधि प्रसार</li> <li>➤ रबरको गुणस्तर, उत्पादन र बजार व्यवस्थापन तथा प्रविधि प्रसार</li> <li>➤ मकैको रोग किराको व्यवस्थापन तथा प्रविधि प्रसार</li> <li>➤ वेमौसमी तरकारी खेती/रोग किरा व्यवस्थापन/ग्रीन नेटमा तरकारी खेती</li> <li>➤ पन्गासेस माछा र कार्प जातका माछाहरु जात विचको तुलानत्मक फाईदा बारे अध्ययन</li> </ul>
मोरङ		<p>धान</p> <ol style="list-style-type: none"> <li>1. Disease and Pest status in Rice Zone/Superzone.</li> <li>2. Evaluation of soil fertility status of paddy in super zone area of Morang district</li> <li>3. Productivity of different rice production systems (manual planting and machine planting) an economic approach.</li> <li>4. Status of Farm Mechanization and factors affecting its adoption process in rice production</li> <li>5. Economic assessment of hopper burn on rice production and control measures.</li> <li>6. Evaluation of SRR in Rice zone (Morang/Sunsari)</li> </ol> <p>माछा</p> <ol style="list-style-type: none"> <li>1. Production and Marketing economics of fish in Koshi Province</li> <li>2. Status Of Improved Fish Production Technology And Factors Affecting Its Adoption In Sunsari, Nepal</li> <li>3. Present status/challenges of live fish shop supported by PMAMP.</li> </ol> <p>तरकारी</p> <ol style="list-style-type: none"> <li>1. Pesticide Use Practices Among Vegetable Growers in Morang and Sunsari District</li> <li>2. Present status and working modality of Custom Hiring Centre established in different zone area of Morang and Sunsari district.</li> <li>3. Status of Post-Harvest Management Practices in Vegetable Zone.</li> </ol> <p>अदुवा/बेसार</p> <ol style="list-style-type: none"> <li>1. Value chain analysis of Turmeric in Sunsari District of Nepal</li> </ol>

		<p>मौरी</p> <p>1. Economic analysis of Production and Marketing System of honey in Morang. सबै जोनहरू</p> <p>2. Supply chain analysis of Honey</p> <p>1. Gap Analysis of recommeded agronomic practices at farmer's field.</p>
<b>मधेश प्रदेश</b>		
परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
सिराहा	<p>आँप जोन</p> <p>धान जोन</p> <p>माछा जोन</p> <p>गाईभैसी जोन</p>	<ul style="list-style-type: none"> <li>➤ रोगकिरा व्यवस्थापन (IPM प्रविधि)</li> <li>➤ आँपमा जथाभावी हर्मोनको प्रयोगले देखिने समस्या</li> <li>➤ offseason आँप उत्पादन प्रविधि</li> <li>➤ आँपको बजारीकरण</li> <li>➤ आप बगैँचा सदुपयोगबाट हुने उत्पादकत्वमा वृद्धिको आर्थिक विश्लेषण</li> <li>➤ IPM प्रविधिद्वारा रोग किराको व्यवस्थापन</li> <li>➤ चैते धानमा मलको व्यवस्थापन</li> <li>➤ चैते धानमा सिचाईको व्यवस्थापन</li> <li>➤ माछाको विभिन्न जातको लाभलागत</li> <li>➤ माछाको विभिन्न जातको बजारीकरण चुनौती तथा समस्या</li> <li>➤ पोखरी डिल सदुपयोगबाट माछामा हुने उत्पादकत्वमा वृद्धिको आर्थिक विश्लेषण</li> <li>➤ घाँस तथा दानाको व्यवस्थापन (आर्थिक विश्लेषण)</li> <li>➤ दुग्ध पदार्थको बजारीकरण चुनौती तथा समस्या</li> <li>➤ गोबर तथा मुत्रको व्यवस्थापन</li> </ul>
धनुषा	<p>माछा</p> <p>धान</p> <p>तरकारी</p>	<ul style="list-style-type: none"> <li>➤ Study on breeding performance, survival and growth performance of grass carp(Ctenopharyngodon idella).</li> <li>➤ Determination of suitable stocking density for carp polyculture practice.</li> <li>➤ Estimate of loss due to Argulus in carp culture ponds.</li> <li>➤ Evaluation of different types of feed(local feed, floating and sinking pellet feed)</li> <li>➤ Study on comparison of production performance and economics of different carp polyculture system.</li> <li>➤ Study on comparison of production performance of carp polyculture system at different level(depth) of water.</li> <li>➤ Performance of hybrid rice varieties in the spring season.</li> <li>➤ Impact of climate variability on hybrid rice production during spring season.</li> <li>➤ Nutrient management strategies for hybrid rice cultivation in the spring season.</li> <li>➤ cost-benefit analysis of hybrid rice cultivation in the spring season.</li> <li>➤ Evaluation of alternate wetting and drying(AWD) or direct-seeded rice (DSR) method to reduce water use in hybrid rice cultivation.</li> <li>➤ Assessing the effect of early sowing practices on the yield stability of hybrid rice in the spring season.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ farmers adoption and perception of hybrid rice in the spring season(understanding the factors influencing farmers adoption of hybrid rice, including socio-economic agronomie and soil structure.</li> <li>➤ Evaluate different storage technology and packaging methods to reduce post-harvest losses.</li> <li>➤ Study the potential of integrating crops (Ginger &amp; Turmeric) in the mango orchards for diversified income and sustainability.</li> <li>➤ Investigate how plant growth regulators line pactobutrazal influence flowering, fruit set</li> <li>➤ Research methods to reduce heat stress effects on mango trees, such as shade nets, mulching and canopy management</li> <li>➤ comparative study of resistance to disease like powdery mildew and anthracnose among popular mango varieties.</li> <li>➤ Evaluate the effectiveness of biological controls, cultural practices, and chemical treatments in controlling major mango pests(mango hopper, fruit fly)</li> <li>➤ Investigate how different pruning methods affect growth, fruit quality and yield of various mango varieties.</li> <li>➤ Study how trellising impacts yield, disease incidence and space utilization in crops like cucumber, bitter gourd and bottle gourd.</li> <li>➤ Investigate how organic and plastic mulches affects soil moisture, temperature and crop productivity.</li> <li>➤ Explore the benefits of intercropping cucurbits with legumes or other crops to improve soil health &amp; yield.</li> <li>➤ Develop and assess IPM Strategies to control pests like melon fly, red pumpkin beetle and aphids.</li> <li>➤ Explore irrigation methods like drip irrigation and deficit irrigation for cucurbit crops.</li> <li>➤ Study how pesticide use influences pollinator activity and subsequent productivity in cucurbits.</li> <li>➤ जैविक खेतीका लागि माटो सुधार तथा जैविक विषादी निर्माणका लागि धनुषा तथा महोत्तरी जिल्लामा प्रयोग भईरहेका स्थानिय प्रविधिहरूको खोज तथा अनुसन्धान ।</li> <li>➤ चैते धान रोप्दा यसको बाली कटानी वर्षायाममा हुने हुँदा कृषकहरू चैते धान खेतीमा उत्साहित नहुँदा चैते धान सफलतापूर्वक गर्नका लागि बाली चक्रमा के कस्ता सुधार गर्न सकिन्छ। बाली चक्रको समय परिवर्तन सम्बन्धी अध्ययन आवश्यक। वा चैते धानको जातहरू छोटो अवधिको विकास गर्ने। वा बाली चक्रमा समावेश बालीहरूमा हेरफेर गर्ने।</li> <li>➤ आँपखेतीको मूल्य श्रृङ्खलाको अध्ययन गर्ने।</li> <li>➤ धनुषा तथा महोत्तरी जिल्लामा सञ्चालित मत्स्य ह्याचरीहरूको उत्पादन क्षमता तथा वास्तविक उत्पादन तथा वितरण सम्बन्धी अध्ययन गरि सुधार गर्नुपर्ने आयामहरूको अन्वेषण तथा सिफारिस गर्ने।</li> <li>➤ बीउ श्रोत केन्द्र तथा नर्सरी श्रोत केन्द्रहरूको प्रभावकारीता सम्बन्धी अध्ययन गरि सुधार गर्नुपर्ने आयामहरूको अन्वेषण तथा सिफारिस गर्ने।</li> <li>➤ चकलाबन्दीका कार्यक्रमहरू सञ्चालन भएका स्थानहरूको प्रभावकारीता सम्बन्धी अध्ययन गरि सुधार गर्नुपर्ने आयामहरूको अन्वेषण तथा सिफारिस गर्ने।</li> </ul>
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सर्लाही		मकै भण्डारण व्यवस्थापनका विभिन्न उपायहरू समबन्धी / Varietal trial समबन्धी तरकारी विषादी न्युनीकरणका विकल्पहरू समबन्धी केरा स्थानीय जातको प्रवर्द्धन समबन्धी माछा Froze and dry fish प्रवर्द्धन समबन्धी चैते धान बाली लगाउने उपयुक्त समय/जात समबन्धी
बारा		<ul style="list-style-type: none"> <li>➤ Study about cold chain maintenance in fish marketing.</li> <li>➤ Case study about mastitis in lactating animals in Bara district.</li> <li>➤ case study about infertility in cattle of Bara didtrict.</li> <li>➤ Production and Marketing of Rice in Rice zone of Bara, an economic analysis.</li> <li>➤ Productivity of different rice production systems in plot and field scales, an economic approach.</li> <li>➤ Socio-economic condition of Banana Growers and Banana</li> <li>➤ Production Technology in Bara District.</li> </ul>

बागमती प्रदेश

परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
सिन्धुपाल्चोक		<ol style="list-style-type: none"> <li>1. Study of different types of mulching plastics in different to time of sowing of potato and its effect on potato production of Panauti, Banepa and Dhulikhel Municipality of Kabhreplanchok District.</li> <li>2. Management practices of Potato Tuber Moth of Potato in Potato Super zone Kabhreplanchok District.</li> <li>3. Management practices of Potato Scab in potato super zone, Kabhrepalanchok district.</li> <li>4. Farmer's perceptions on production and management practices of Nepali hybrid Maize and Multinational Maize of Sindhupalchok Districts.</li> <li>5. Study of different management practices of Fall army worm of maize in Sindhupalchok district.</li> <li>6. Study of effectiveness, performance and farmers perception on use of Farm machineries like power tiller, multifunctional tillers, chaff cutter, disc mill and other machineries in Kabhreplanchok and Sindhupalchok districts</li> <li>7. Comparative study of effectiveness of programs supported by PIU to the farmers group, cooperatives and private firms in kabhreplanchok and sindhupalchok district</li> <li>8. Economic analysis of different milk productions and its products produced in Cow/buffalo zones of Kabhreplanchok and Sindhupalchok district.</li> <li>9. Effectiveness study of small scale irrigation in potato super</li> </ol>

		<p>zone kabhreplanchok and maize zone sindhupalchok</p> <p>10. Study of diversify products of major crops like potato, maize, milk and so on along with market status in Kabhreplanchok and Sindhupalchok</p>
धादिङ्ग		<ul style="list-style-type: none"> <li>➤ थोपा सिंचाई प्रविधि द्वारा मलखाद को प्रयोग गरि खाद्यतत्त्व व्यवस्थापन</li> <li>➤ काउली प्रजातिका बालीमा क्लव रूट रोग व्यवस्थापन</li> <li>➤ लहरे बालीहरुमा पात खन्ने किरा व्यवस्थापन</li> <li>➤ तरकारी बालीहरुको सर्भे सर्भिलेन्स मा पहेलो र निलो टाँसिने ट्राप को तुलनात्मक अध्ययन</li> <li>➤ मकैमा लाग्ने फौजी किरा नियन्त्रण मा जैविक विषादी प्रयोग को प्राभाकारिता</li> </ul>
नुवाकोट		<ol style="list-style-type: none"> <li>1. Varietal evaluation and preference analysis of promising spring rice varieties in Nuwakot district</li> <li>2. Contribution of mini-tiller in farm mechanization to reduce labor cost</li> <li>3. Profitability and determinants of protected horticulture in vegetable zone, Nuwakot</li> <li>4. संरक्षित संरचनामा तरकारी खेती मार्फत आयआर्जनको अवस्था</li> <li>5. Perception of farmers about extension services provided by different zone in Nuwakot district</li> <li>6. Satisfactory level of farmers towards PMAMP, Zone office Nuwakot</li> <li>7. Factors affection adoption of improved potato variety in Rasuwa district</li> <li>8. Analytical study of tomato farming in protected structure and open farming</li> <li>9. Incidence of Tuta absoluta and level of damage in tomato farming in Meghang and Kispang rural municipality</li> <li>10. Perception and adaptation of Machine rice farming in Nuwakot district</li> </ol>
भक्तपुर		<ul style="list-style-type: none"> <li>➤ To identify best control management practices of potato scab in Kathmandu valley</li> <li>➤ To compare the production and other parameters of grafted and non-grafted tomato</li> <li>➤ To identify best management practices of Tuta in Kathmandu valley</li> <li>➤ To assess the effect of mulching in potato cultivation</li> <li>➤ To study the market channel of fresh vegetables in Ktm valley and price of vegetables through different channel</li> <li>➤ To identify best control management of nematodes in vegetables</li> </ul>
रामेछाप		<ul style="list-style-type: none"> <li>➤ सिट्रस ग्रिनिड पहिचान र व्यवस्थापनका विधिहरु ।</li> <li>➤ सुन्तलाजात फलफुलमा सारने घुसाहा मौथ पुतलीको पहिचान, अती र व्यवस्थापनका उपायहरु ।</li> <li>➤ सुन्तलाजात फलफुलमा सूक्ष्मखाद्यतत्वको प्रभावकारीता ।</li> <li>➤ सुन्तलाजात फलफुलमा नेचुगी (सहायक जरा दिने) प्रविधिको प्रभावकारीता ।</li> </ul>

		<ul style="list-style-type: none"> <li>➤ सुन्तलाजात फलफूलको भण्डारण कोल्ड च्याम्बर प्रविधिको प्रभावकारीता ।</li> <li>➤ विभिन्न माध्यमबाट सुन्तलाजात फलफूलको भण्डारण अवधि बढाउने उपायहरू ।</li> <li>➤ सुन्तलाजात फलफूलमा विभिन्न कलमी प्रविधिको प्रयोग र तिनको प्रभावकारीता ।</li> <li>➤ किवी बालीमा देखापर्ने रोग, कीराहरूको पहिचान र व्यवस्थापन विधि ।</li> <li>➤ चिस्यान केन्द्रमा किवी फलको भण्डारण अवधि तथा उत्पादनोपरान्त क्षतिको अध्ययन ।</li> <li>➤ किवी फलको परिपक्वता सूचाङ्क (Maturity indices)</li> <li>➤ किवी बालीमा आधुनिक काँटछाँट र तालिम विधिको अध्ययन ।</li> <li>➤ किवी खेतीमा मलखाद तथा सुक्ष्मखाद्यतत्वको प्रयोगको अध्ययन ।</li> <li>➤ किवी बालीमा फर्टिगेशनको प्रभावकारीताको अध्ययन ।</li> <li>➤ किवी बालीको लाभ लागत विश्लेषण</li> <li>➤ विदेशबाट आयातित किवी र नेपालमा उत्पादित किवीको गुणस्तरको तुलनात्मक अध्ययन ।</li> <li>➤ किवी बजारीकरणमा विभिन्न प्याकेजिङ सामग्रीको प्रभावकारिताको अध्ययन ।</li> <li>➤ किवीको ब्रान्डिङ तथा ब्लकचेनमा आधारित क्यू.आर. प्रणालीको अध्ययन ।</li> <li>➤ आलुको जातीय अध्ययन, बीउको दरको अध्ययन ।</li> <li>➤ आलु बालीमा विभिन्न सिंचाई प्रविधिको अध्ययन ।</li> <li>➤ बुक आलु खेती प्रविधिको अध्ययन ।</li> <li>➤ आलुका विभिन्न जातको टि.पि.एस. बीउको उमारशक्तीको अध्ययन आलुको बीउ भण्डारण रष्टिक घरको प्रभावकारीताको अध्ययन ।</li> <li>➤ आलु बालीको लाभ/लागत विश्लेषण</li> <li>➤ रासायनिक उपचार विधिबाट आसुको ट्युबरमा सुपुस अवस्था हटाउने विधिको अध्ययन ।</li> <li>➤ पूर्व मूल थीउ र यसबाट उत्पादित प्रथम द्वितिय पुस्ताको बीउको प्रयोगबाट आलुको उत्पादन र उत्पादकत्व वृद्धिमा भूमिका ।</li> <li>➤ आलुको पि.वि.एस बीउ उत्पादनमा स्क्रिन हाउसको डिजाईन र यसको प्रभावकारीताको अध्ययन ।</li> <li>➤ आलुको उत्पादनमा डपाङ्गको उचाई र आकारको भूमिका ।</li> <li>➤ सुक्ष्म जिवमा आधारित मल र सुक्ष्म जिवमा आधारित विषादिको प्रयोगको अध्ययन ।</li> <li>➤ खाद्य सुरक्षामा आलु खेतीको भूमिका ।</li> <li>➤ बोयर जातको बाखाको जातीय विशेषताको अध्ययन ।</li> <li>➤ बोयर र स्थानीय जातको बाखामा गरिने कस प्रजननबाट बाखाको</li> </ul>
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		<p>उत्पादन र उत्पादकत्वमा असर ।</p> <ul style="list-style-type: none"><li>➤ बाखापालन व्यवसायमा कृषि यान्त्रिकरणको भूमिका</li><li>➤ बोयर जातको बाखाको वृद्धि विकासको अध्ययन ।</li><li>➤ बाखापालनको लाभ लागत विश्लेषण</li><li>➤ बाखापालनमा वधुवा प्रणाली र खुला प्रणालीको तुलनात्मक अध्ययन ।</li><li>➤ बाखामा मुख्य परजिविहरुको कारणबाट हुने क्षतिको अध्ययन ।</li><li>➤ मिनेरल ब्लकको प्रयोगबाट बाखापालनमा हुने फाईदाको अध्ययन ।</li><li>➤ आधुनिक खोर र परम्परागत खोरमा बाखापालनको तुलनात्मक अध्ययन</li><li>➤ विभिन्न किसिमका डाले घाँसको नर्सरीको अध्ययन</li></ul>
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सिन्धुली		<ul style="list-style-type: none"> <li>➤ Performance of Post-harvest storage practices (cold room).</li> <li>➤ Citrus Greening (HLB) management.</li> <li>➤ Monitoring and management of Citrus Psylla.</li> <li>➤ Management of Citrus Psylla using bio control agents..</li> <li>➤ Status of Citrus nurseries, performance of practices used regarding to HLB management.</li> <li>➤ Biology of Fruit Piercing and Sucking moth.</li> <li>➤ Effect of orchard management practices</li> <li>➤ Effect of micronutrient use</li> <li>➤ Prevalence and management of Leaf minor, Scale insect, Rust mite/mites, Sooty mould, Powdery mildew etc.</li> <li>➤ Soil nutrient status and management practices.</li> <li>➤ Impact/Effectiveness of Area wide control program of Chinese citrus fruit fly.</li> <li>➤ Management practices of Ginger Rhizome fly</li> <li>➤ Management practices of Rhizome rot in Ginger</li> </ul>
चितवन	Banana, Bee, vegetable, rice, fish	<ul style="list-style-type: none"> <li>➤ Effect of Bunch feeding on yield and quality of banana fruits</li> <li>➤ Effect of different bagging materials on yield and quality of banana fruits.</li> <li>➤ Evaluation of different methods for management of mites of honey bees(<i>Apis mellifera</i>)</li> <li>➤ Management of artificial feed for honey bees(<i>Apis mellifera</i>)</li> <li>➤ Economic analysis of plastic mulching vs local mulching on production of sweet pepper ( <i>Capsicum annum</i>)</li> <li>➤ Evaluation of different treatments on management of black thrips of chilly (<i>Capsicum frutescense</i>)</li> <li>➤ Effect of Seed priming on growth and yield of onion</li> <li>➤ Study on trend of adoption of hybrid varieties of vegetables in Vegetable zone .</li> <li>➤ A study on Constraints of Machine transplanting of rice farming in rice zone Chitwan</li> <li>➤ A study on techniques of nursery raising for machine transplantation of rice</li> <li>➤ Value chain analysis on fish farming in fish zone Chiwan</li> <li>➤ Effect of feeding on yield and quality of fish production.</li> </ul>
<b>गण्डकी प्रदेश</b>		
<b>परियोजना कार्यान्वयन एकाइ</b>	<b>जोन/सुपरजोन</b>	<b>अध्ययन/अनुसन्धान गर्ने विषय</b>
गोरखा		<ul style="list-style-type: none"> <li>➤ चैते धान वालीमा गवारो कीराको प्रकोप तथा नियन्त्रणका विधिहरू</li> <li>➤ गोरखा जिल्लामा Citrus Fruit Fly कीराको समस्या एवं नियन्त्रणका विधिहरू</li> <li>➤ सुन्तलाजात फलफुलको वृद्धि विकासमा विभिन्न सुक्ष्मतत्वहरूको प्रभावकारीता अध्ययन</li> <li>➤ सुन्तलाजात फलफुलमा लिफ माइनर किराको प्रकोप नियन्त्रणको</li> </ul>

		<p>अध्ययन / अनुसन्धान</p> <ul style="list-style-type: none"> <li>➤ आलु वालीमा Potato Wart रोगको प्रकोप एव नियन्त्रण अध्ययन</li> <li>➤ गोलभेडा खेतीमा Tuta Absulata को समस्या एंव प्रभावकारी नियन्त्रणका विधिहरु अध्ययन</li> </ul>
मुस्ताङ्ग	आलु, सुन्तला, स्याउ	<ul style="list-style-type: none"> <li>➤ Study on impact of using quality seed of potato on potato growth and yield.</li> <li>➤ Study on adoption of Modern irrigation techniques (Drip irrigation, sprinkler irrigation) in potato farming.</li> <li>➤ Value chain analysis of potato markets in Myagdi district.</li> <li>➤ Identification of existing market structures and their roles in value addition of Mandarin.</li> <li>➤ Study on effects of mulching on soil moisture retention, Mandarin yield and yield attributes.</li> <li>➤ Feasibility study of Post harvest management and processing practices for mandarin.</li> <li>➤ Impact of government policies and programmes on Apple farming in Mustang District.</li> <li>➤ Study on perception and adaptation of farmers to climate change in Apple orchards.</li> <li>➤ Post harvest losses in Apple supply chain in mustang district: causes and solutions.</li> <li>➤ Performance of different varieties of potatoes in Mustang district.</li> <li>➤ Effect of planting time on growth and yield of potato in Mustang.</li> <li>➤ Economic analysis and marketing efficiency of potato in Mustang District.</li> </ul>

कास्की	अलैंची, तरकारी, गाई/भैसी	<ul style="list-style-type: none"> <li>➤ अलैंचीको मूल्य पर विविधिकरण (तेल, डिस्टिलरी, कन्फेक्सनरी आदि सम्बन्धि सम्भाव्यता अध्ययन</li> <li>➤ Effect of different growing conditions (open/ net home/poly house) on seed yield and quality of cucumber hybrid seed production.</li> <li>➤ Effect of pollination time on fruit set and seed yield in hybrid seed production of cucumber tomato Response of different tomato cultivars under different protected structure of Kaski district.</li> <li>➤ Evaluation of different substrates (dong/poultry-waste fruit waste paper waste) on vermi-composting using Eudrilus Eugeniae.</li> <li>➤ उन्नत घाँसका जातहरू सम्बन्धि अध्ययन</li> <li>➤ कास्की जिल्लाका संरक्षित संरचना भित्र सुहाउँदो बाली चक्र, बालीका जात तथा मलखाद व्यवस्थापन सम्बन्धि अध्ययन</li> <li>➤ विभिन्न जैविक तथा प्राङ्गारिक मलको प्रभावकारिता सम्बन्धि अध्ययन</li> <li>➤ मुख्य बाली/बस्तुको लाभ लागत अध्ययन विश्लेषण</li> </ul>
लम्जुङ्ग		<p><b>अलैंची</b> अलैंचीको छहारी व्यवस्थापनमा उपयुक्त विरुवाहरू र तिनको दुरी/ बगान व्यवस्थापनमा ट्राइकोडर्माको/सिडोमोनासको प्रभावकारिता अध्ययन</p> <p><b>मौरी</b> फिडिड विधि क्यान्डी/चिनि चास्नीको उपयोगिता/प्रभावकारिता</p> <p><b>तरकारी</b> संरक्षित खेतीका उपयुक्त प्रविधिहरूको प्रभावकारिता</p> <p><b>स्याउ</b> स्याउमा रोगकिरा व्यवस्थापन र उच्च घनत्वको स्याउ विरुवामा दुरी/बगान व्यवस्थापन</p>
नवलपरासी पूर्व	सुन्तला जात फलफूल, तरकारी, धान	<ul style="list-style-type: none"> <li>➤ Evaluating citrus orchard management practices across diverse inter-cultural operations.</li> <li>➤ Effects of fertilization approaches on plant growth and fertilizer use of citrus fruits</li> <li>➤ Impact of agricultural technology adoption on income levels among farmer organizations.</li> <li>➤ An assessment of different pesticides uses in vegetable farming across various farmer organizations.</li> <li>➤ Effect of various mulching materials uses on yield and economic performance of summer squash.</li> <li>➤ Comparison of hybrid and Bhaktapur local cucumber varieties under varying levels of manure and fertilizer application.</li> <li>➤ Effects of transplanting dates on yield and economic performance of Chaitte paddy.</li> <li>➤ Effects of nitrogen and phosphorus fertilizer application rates on yield and economic performance of chaitte paddy.</li> </ul>
स्याङ्जा	सुन्तला, आँप, लिची र कफी	<ul style="list-style-type: none"> <li>➤ सुन्तलामा भण्डारण परिक्षण</li> <li>➤ सुन्तलामा रोग/किराको सर्भे तथा सर्भेलेन्स</li> <li>➤ कफीको उत्पादन, उत्पादकत्व निर्धारण, प्रशोधन तथा बजारीकरणको</li> </ul>

		<p>अध्ययन</p> <p>➤ ऑप/लिचीमा रोग/किरा व्यवस्थापन सम्बन्धी अध्ययन</p>
बाग्लुङ्ग	धान, मकै, तरकारी, आलु, अलैंची	<ul style="list-style-type: none"> <li>• Comparative economics of Main season and Spring Rice Production in the Parbat District of Nepal</li> <li>• Performance Evaluation of Spring Rice Variety Chaite-5 with Varied Age of Seedlings and Plant Spacing in the Parbat District of Nepal</li> <li>• Effect of Different Methods and Planting Density for seedling stage growth of Spring Rice in the Parbat District of Nepal</li> <li>• Assessing the impact of subsidy in agriculture</li> <li>• Analysis of Resource Use Efficiency and Profitability of maize production in the Parbat District of Nepal</li> <li>• Effect of different manures and spacing on growth and yield of maize in the Parbat District of Nepal</li> <li>• Performance Evaluation of different maize varieties in the Parbat District of Nepal</li> <li>• Effect of different organic and inorganic fertilizers on the enhancement of growth and yield of cucumber in the Parbat District of Nepal</li> <li>• Economic analysis of plastic tunnel tomato farming in Parbat, Nepal</li> <li>• Assessing the production economics and marketing of potato in Baglung, Nepal</li> <li>• Effect of different storage conditions on postharvest parameters of potato in Baglung, Nepal</li> <li>• Status Prospects and Challenges of cardamom in Baglung. Nepal</li> <li>• Value chain analysis of cardamom in Baglung. Nepal</li> </ul>

लुम्बिनी प्रदेश

परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
रुकुम (पूर्व)	आलु, मकै, ओखर	<p style="text-align: center;"><b>WALNUT ZONE</b></p> <ul style="list-style-type: none"> <li>• Effect of Different Mulching Techniques on Walnut Tree Growth and Soil Health</li> <li>• Evaluation of Walnut Varieties for Disease Resistance: A Comparative Study</li> <li>• Market Analysis of Walnut Prices: Seasonal Trends and Consumer Preferences</li> <li>• Comparative Analysis of Grafting Techniques in Walnut: Effects on Growth (and Yield)</li> <li>• Influence of Scion Variety on the Success Rate and Performance of Grafted Walnut Trees</li> <li>• Grafting Compatibility Between Native and Improved Walnut Varieties: A Study of Growth Patterns</li> <li>• The Role of Rootstock Selection in Enhancing Disease Resistance in Grafted Walnut Trees</li> <li>• Impact of Grafting Time and Environmental Conditions on Walnut Grafting Success Economic Analysis of Grafting vs. Seed Propagation in Walnut Cultivation: A Cost-Benefit Approach</li> </ul> <p style="text-align: center;"><b>POTATO ZONE</b></p> <ul style="list-style-type: none"> <li>• Comparative Analysis of High-Yield Potato Varieties in Rolpa/Rukum-East District: Impacts on Farmer Income and Food Security</li> <li>• Effect of Soil Type and Climate on the Growth and Yield of Different Potato Varieties in Rolpa Rukum-East District</li> <li>• Evaluation of Disease Resistance in Potato Varieties: A Case Study in Rolpa/Rukum-East District</li> <li>• Assessing the Impact of Traditional vs. Improved Potato Varieties on Crop Performance in Rolpa Rukum-East District</li> <li>• Socioeconomic Factors Influencing the Adoption of New Potato Varieties Among Farmers in Rolpa Rukum-East District</li> <li>• The Role of Local Knowledge in Potato Cultivation: Performance of Traditional Varieties in Rolpa Rukum-East District</li> <li>• Yield Stability of Different Potato Varieties Under Varying Environmental Conditions in Rolpa Rukum-East District</li> <li>• Assessing the Nutritional Quality of Potato Varieties Grown in Rolpa/Rukum-East District: A Comparative Study</li> <li>• Impact of Organic vs. Conventional Farming Practices on the Performance of Potato Varieties in Rolpa/Rukum-East District</li> <li>• A Study on Market Preferences for Different Potato Varieties: Implications for Farmers in Rolpa/Rukum-East District</li> </ul> <p style="text-align: center;"><b>Disease and insect related research topics</b></p> <ul style="list-style-type: none"> <li>• Integrated Pest Management Strategies for Major Insect Pests in Potato Cultivation: A Field Study</li> </ul>

		<ul style="list-style-type: none"> <li>• Impact of Insect Pest Infestations on Yield and Quality of Potato Varieties: A Comparative Analysis</li> <li>• Assessing the Efficacy of Biological Control Agents Against Key Insect Pests in Potato Farming</li> <li>• Economic Assessment of Insect Pest Damage in Potato Production: Implications for Sustainable Farming Practices</li> <li>• Impact of Late Blight (<i>Phytophthora infestans</i>) on Potato Yield and Quality: An In-Depth Field Study</li> <li>• Evaluating Resistance of Different Potato Varieties to Common Fungal and Bacterial Diseases</li> <li>• Assessment of Soil Health and Its Relationship with Potato Disease Incidence: A Case Study</li> <li>• Effect of Climate Change on the Spread of Potato Diseases: Implications for Future Cultivation Strategies</li> <li>• Integrated Disease Management Practices for Sustainable Potato Production: A Review of Current Approaches</li> <li>• Role of Bio control Agents in Mitigating Soil-Borne Diseases in Potato Cultivation</li> </ul> <p style="text-align: center;"><b>Production economics related research topics</b></p> <ul style="list-style-type: none"> <li>• Cost-Benefit Analysis of Different Potato Cultivation Practices: A Comparative Study</li> <li>• Economic Impact of Improved Potato Varieties on Farmer Income in Rolpa/Rukum-East District</li> <li>• Assessing the Role of Irrigation in Enhancing Potato Yields and Economic Returns</li> <li>• Market Analysis of Potato Prices: Factors Influencing Price Fluctuations in Rolpa Rukum-East District</li> <li>• District</li> <li>• The Economics of Organic vs. Conventional Potato Production: A Case Study</li> <li>• Impact of Pest and Disease Management on the Profitability of Potato Farming</li> </ul> <p style="text-align: center;"><b>Marketing related research topics</b></p> <ul style="list-style-type: none"> <li>• Market Dynamics of Fresh vs. Processed Potato Products: Consumer Preferences and Trends</li> <li>• Analysis of Supply Chain Efficiency in Potato Marketing: A Case Study of Rolpa/Rukum-East District</li> <li>• Impact of Branding and Packaging on Potato Sales: Strategies for Increased Market Share</li> <li>• Consumer Attitudes Toward Organic Potatoes: Implications for Marketing Strategies</li> <li>• Evaluating the Role of Digital Marketing in Promoting Potato Products in Local Markets</li> <li>• Price Elasticity of Demand for Potatoes: Analyzing Consumer Behavior in Rolpa/Rukum-East District</li> </ul> <p style="text-align: center;"><b>MAIZE ZONE</b></p> <p><b>Germination related</b></p> <ul style="list-style-type: none"> <li>• Influence of Soil Moisture Levels on Maize Germination Rates and Seedling Development</li> <li>• Effects of Different Seed Treatments on Germination and Early Growth of Maize Varieties</li> </ul>
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प्युठान		<p>➤ चैते धान सम्बन्धी अध्ययन (नर्सरी व्यवस्थापन, जातीय परीक्षण, पोषक तत्व, रोग तथा कीरा व्यवस्थापन, यान्त्रिकरण, आर्थिक विश्लेषण आदि । ।</p> <p>➤ विभिन्न तरकारी बालीको जातीय परीक्षण, विभिन्न प्लाष्टिक घर/टनेलको प्रभावकारिता सम्बन्धी अध्ययन, थोपा सिँचाई, मल्लिङ प्रविधि लगायत विभिन्न आधुनिक प्रविधि सम्बन्धी अध्ययन, विभिन्न नर्सरीसँग सम्बन्धित अध्ययन, रोग-किरा व्यवस्थापन अध्ययन, शुष्म खाद्यतत्व तथा विषादी सम्बन्धी परीक्षण साथै विषादी प्रयोगको अवस्था बारे अध्ययन ।</p>

		<ul style="list-style-type: none"> <li>➤ अदुवाको गानो कुहिने रोगको व्यवस्थापन सम्बन्धी अध्ययन, अदुवा/बेसारको भण्डारण प्रविधिसँग सम्बन्धित अध्ययन ।</li> </ul>
गुल्मी		<ul style="list-style-type: none"> <li>➤ <b>सुन्तलाजात फलफूल जोन:</b> Farmer's Perception on Orchard Management in Mandarin (Citrus reticulata Blanco.) in Gulmi District, Nepal Fruit fly Management in Gulmi district of Nepal Application of nutrient in citrus fruit Post-harvest Losses in Mandarin Orange in Gulmi district of Nepal</li> <li>➤ <b>मकै जोन:</b> Knowledge and practice of Fall armyworm management among Maize grower in Gulmi, Nepal Research on Nepalese hybrid maize production Storage of maize seed and its moisture content and quality Effect of placement depth of Nitrogenous fertilizer on growth and yield of Spring Maize in Gulmi, Nepal. survey on seed cycle of maize</li> <li>➤ <b>कफी सुपरजोन:</b> Comparative analysis of different processing method in term of cost and quality in Gulmi, Nepal Survey on white borer of coffee Different marketing channel its efficiency and export trend of coffee in Gulmi Nepal Effect of various seed treatment and type of growing media on germination percentage of coffee (Coffee arabica)</li> </ul>
अर्घाखाँची	सुन्तला जात, कफी	<ul style="list-style-type: none"> <li>➤ Post-harvest study of mandarin in cold store condition and interventions to minimize the losses.</li> <li>➤ Production, Marketing and Future Prospects of Mandarin in Arghakhanchi, Nepal.</li> <li>➤ Off-season vegetables marketing channels of vegetable growers: A case study of Arghakhanchi, Nepal.</li> <li>➤ Drivers influencing farmer decisions for adopting organic coffee management practices.</li> <li>➤ Study of small scale farmer vulnerability in relation with Fair trade, organic and specialty coffee production.</li> <li>➤ Preliminary examinations on citrus decline with altitudinal variations in Arghakhanchi, Nepal</li> </ul>
पाल्पा		<ul style="list-style-type: none"> <li>➤ परियोजनाले तोकेका बाली वस्तुहरु सम्बन्धि अनुसन्धान तथा प्रसारका लागि अदुवा/बेसार क्षेत्रमा रही अनुसन्धान कार्य हुने</li> <li>➤ हाल प्रमुख समस्याको रुपमा गाने औँसा र गानो कुहिने रोगको समस्या विद्यमान रहेको हुँदा यसै विषय अध्ययन अनुसन्धान</li> </ul>
रूपन्देही		<ul style="list-style-type: none"> <li>➤ Analytical study on status and use of farm machineries provided by PMAMP during the project period.</li> <li>➤ Study on effect of mechanization on wheat farming for cost reduction.</li> <li>➤ Study of durum wheat varieties for industrial purpose.</li> <li>➤ Study eco-friendly management of banana scaring beetle of PMAMP at zone areas.</li> <li>➤ Study of effect of bunch cover and farmer's preception on modern technology.</li> <li>➤ Study on different method of rice-nursery preparation for spring rice.</li> <li>➤ Feasibility study on chaite rice/spring rice production and constraints.</li> <li>➤ Study on post harvest quality of different varieties of seedtuber/ware potato in rupandehi.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Study on farmer's willingness to grow potato on commercial scale.</li> <li>➤ Comparative study of growth pattern of Pangasius fish in mono and polyculture system.</li> <li>➤ Study of economics of multiple harvesting of fish in single year for intensive commercialization.</li> <li>➤ Effect of probiotics used in production and productivity of common carp culture/pangas.</li> <li>➤ Assessment of cost of production of intensive pangas fish culture.</li> </ul>
कपिलवस्तु	<p>माघदेखि जेठ महिनासम्म लगाइने बाली वस्तुहरूः क) लहरे तथा वर्षे तरकारी बाली ख) बसन्ते मकै ग। चैते धान घ। माछा पालन</p>	<ul style="list-style-type: none"> <li>➤ Present status of vegetable production in vegetable zone of Kapilvastu district, Nepal.</li> <li>➤ Present status of pesticide uses in vegetable zone of Kapilvastu district, Nepal.</li> <li>➤ Varietal trial of vegetables in vegetable zone of Kapilvastu district, Nepal.</li> <li>➤ Marketing &amp; distribution trend of vegetable in Kapilvastu district, Nepal.</li> <li>➤ Value chain in vegetables.</li> <li>➤ Use &amp; effect of Agriculture machinery in production of vegetables in Kapilvastu district, Nepal.</li> <li>➤ Economics of vegetable production in Kapilvastu district, Nepal.</li> <li>➤ Status of spring paddy production in Kapilvastu district, Nepal.</li> <li>➤ Varietal trial of spring paddy.</li> <li>➤ Economic comparison between Rainy &amp; Spring season paddy production in Kapilvastu district, Nepal.</li> <li>➤ Status of spring maize production in Kapilvastu district, Nepal.</li> <li>➤ Varietal trial of spring maize in Kapilvastu district, Nepal.</li> <li>➤ Export and Import status of fish in Kapilvastu district, Nepal.</li> <li>➤ Present status of fish production in fish zone of Kapilvastu district, Nepal.</li> <li>➤ Status of feed supply &amp; feeding management of fish in Kapilvastu district, Nepal.</li> <li>➤ Comparative study between Indian fish feed and Nepali fish feed.</li> </ul>
दाङ		<ul style="list-style-type: none"> <li>➤ <b>मकै सुपरजोन:</b> Production technology of hybrid Maize seeds in Dang District, Efficacy of machines on hybrid maize seed production technology, Sustainable soil fertility management practices in maize crop, Climate Resilient maize cropping system development in Dang district.</li> <li>➤ <b>तोरी जोन:</b> Climate Resilient Mustard Seed production technology and development of sustainable cropping pattern in Dang District, Scope of mustard seed and oil production in Dang District along with market management.</li> <li>➤ <b>मौरी जोन:</b> National and local Market management of honey bee, Status of Honey production and diversity of Honey bee in Dang District, Climate Smart honey production technology in Dang District, Sustainable Honey Pasture development for quality honey production.</li> <li>➤ <b>बाखाजोन:</b> Climate Resilient Goat Farm Structure Development for Sustainable Production, Feed and fodder management practices in Goat Farm for quality meat production.</li> </ul>
बर्दिया	<p>मकै/मकै बिउ, धान, तरकारी, माछा, केरा, गाई/भैसी</p>	<ul style="list-style-type: none"> <li>➤ Nursery techniques, Agronomic practices, Weed management, Pest</li> <li>➤ Management, Post-harvest management, marketing survey.</li> <li>➤ Agronomic practices, Pest management, Post-harvest management,</li> <li>➤ Marketing Survey</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Disease management, Parasite management, Water quality management, feed management, High density stocking, etc.</li> <li>➤ Feed management, Infertility management, Improvement through AI, Fodder and Forage management, Product diversification in milk, Disease management, Marketing Survey etc.</li> </ul>
<b>कर्णाली प्रदेश</b>		
परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
डोल्पा	स्याउ, सिमी	<ul style="list-style-type: none"> <li>➤ Impact of climate change on Apple production at dolpa.</li> <li>➤ Integrated pest management practice and its adoption determinants among the apple grower farmer of dolpa.</li> <li>➤ Adoption level of improved production technology on apple by apple grower of dolpa.</li> <li>➤ An assessment of apple post-harvest losses, the case of dolpa district.</li> <li>➤ Economic of production and marketing of apple in dolpa district.</li> <li>➤ Preferential analysis and documentation of control measure of storage pest of bean.</li> <li>➤ Soil fertility status and bean productivity, a case study of dolpa district.</li> <li>➤ Survey and monitoring of major insect pest and disease of bean during field condition in dolpa.</li> <li>➤ Effect of different source of fertilizer in seeding health of bean in dolpa district.</li> <li>➤ Impact of climate change on the production of bean in dolpa district.</li> </ul>
मुगु		<ul style="list-style-type: none"> <li>➤ स्याउ ओखर बालीमा रोगकीरा व्यवस्थापन</li> <li>➤ मुल्यश्रृङ्खला विकास</li> <li>➤ Preferential analysis and documentation of control measure of storage pest of bean.</li> <li>➤ Soil fertility status and bean productivity, a case study of dolpa district.</li> <li>➤ Survey and monitoring of major insect pest and disease of bean during field condition in dolpa.</li> <li>➤ Effect of different source of fertilizer in seeding health of bean in dolpa district.</li> <li>➤ Impact of climate change on the production of bean in dolpa district.</li> </ul>

हुम्ला		<p>१. स्याउ ओखर बालीमा रोगकीरा व्यवस्थापन</p> <p>२. मुल्यश्रृङ्खला विकास</p> <p>३. भेडाबाखामा परजिवि नियन्त्रण तथा नक्ष सुधार</p> <p>४. उत्पादित कृषि उपजको बजारीकरणको सम्बन्धमा</p>
जुम्ला	स्याउ, ओखर, आलु, सिमी	<ul style="list-style-type: none"> <li>➤ Flowering Phenology, Insect, Disease, Nutrient Deficiency, Cost of Cultivation, etc.</li> <li>➤ Grafting Success Rate (In situ Or Out Situ), Flowering Phenology, Insect, Disease, Nutrient Deficiency, Cost of Cultivation, etc.</li> <li>➤ Seed Selection, Insect, Disease, Nutrient Deficiency, Cost of Cultivation, etc.</li> <li>➤ Seed Selection, Insect, Disease, Nutrient Deficiency, Cost of Cultivation, etc</li> </ul>
जाजरकोट	सुन्तलाजात फलफूल, मौरी, ओखर, दलहन	<ul style="list-style-type: none"> <li>➤ सुन्तला जात फलफूलका रोग, कीरा</li> <li>➤ महको प्रशोधन तथा बजारीकरण</li> <li>➤ ओखरको उत्पादन तथा उत्पादकत्व</li> <li>➤ दलहन खेती, प्रविधि</li> </ul>
सल्यान		<ul style="list-style-type: none"> <li>➤ अदुवा/बेसार- गानो कुहिने रोग, चिज बजारीकरण, उत्पादनोपान्त अति न्यूनीकरण,</li> <li>➤ तरकारी- गोलभेडा ओइलाउने रोग, उत्पादनोपान्त क्षति न्यूनीकरण, बिउ अंकुरण नहुने</li> <li>➤ धान- SRI, Dapog method, रोग (मरुवा, पात डढुवा, सखैरो थोप्ले किरा (जानवेरुवा, काडेदार खपटे), चैते धान खेति प्रविधि</li> <li>➤ सुन्तलाजात फलफूल- सिट्रस डीक्लाइन र ग्रिनीड</li> <li>➤ मकै- किराहरू (फेद काट्ने किरा, खुखे किरा, अमेरिकन फौजी किरा) रोगहरू (कालो पोके, मकैको ध्वासे थोप्ले, घोगा कुहिने), मकैमा घोगा नलाग्ने, मकै बढी ढल्ने, मकैको बिउ उत्पादन</li> </ul>
सुर्खेत	अदुवा/बेसार, तरकारी, सुन्तलाजात फलफूल, मकै, आलु	<ul style="list-style-type: none"> <li>➤ अदुवा/बेसार- गानो कुहिने रोग, चिज बजारीकरण, उत्पादनोपान्त अति न्यूनीकरण,</li> <li>➤ तरकारी- गोलभेडा ओइलाउने रोग, उत्पादनोपान्त क्षति न्यूनीकरण, बिउ अंकुरण नहुने, प्लाष्टिक घर भित्र र बाहिर उत्पादनको तुलनात्मक अध्ययन</li> <li>➤ सुन्तलाजात फलफूल- सिट्रस डीक्लाइन र ग्रिनीड</li> <li>➤ मकै- किराहरू (फेद काट्ने किरा, खुखे किरा, अमेरिकन फौजी किरा) रोगहरू (कालो पोके, मकैको ध्वासे थोप्ले, घोगा कुहिने), मकैमा घोगा नलाग्ने, मकै बढी ढल्ने, मकैको बिउ उत्पादन</li> <li>➤ आलुको दादे रोग (Common scab)</li> <li>➤ आलुको विभिन्न जातको परिक्षण (Varietal trail)</li> <li>➤ उपभोक्ता र व्यपारीको खरिद प्राथमिकतामा रहेका आलु जातको सर्भे (Consumer preference)</li> </ul>
<b>सुदूरपश्चिम प्रदेश</b>		

परियोजना कार्यान्वयन एकाइ	जोन/सुपरजोन	अध्ययन/अनुसन्धान गर्ने विषय
बझाङ		<ul style="list-style-type: none"> <li>➤ Employment generation of PMAMP Bajhang.</li> <li>➤ Income generation of PMAMP in Bajhang.</li> <li>➤ Impot and export studies of potato in Bajhang by PMAMP.</li> <li>➤ Constraints of marketing of potato in BajhanB</li> <li>➤ Roles of PMAMP in production and productidity of potato in Bajhang.</li> <li>➤ Role and responsibilities of farmers Brou p,co-operatives and other groups in Bajhang for potato production</li> <li>➤ Benefites and cost analysis of potato production Bajhang</li> <li>➤ varietal Trial of Pulses in Bajhang</li> <li>➤ Diferent doses of N:P:K in pulses production and productivity in Bajhang.</li> <li>➤ Study of market and different marketing channels of Potato in Bajhang.</li> </ul>
दार्चुला		<ul style="list-style-type: none"> <li>➤ स्याउको क्षेत्र विस्तारको अवस्था</li> <li>➤ उपयुक्त जात एवं प्रविधिबारे</li> <li>➤ Greening को म्यापिड एवं जोन निर्धारणका लागि तथ्यांक संकलन नवीनतम् प्रविधिको सम्भावना बारे</li> <li>➤ बिउ उत्पादनका मुख्य मुख्य समस्या एवं समाधानका उपाय तथा सुझाव</li> </ul>
डडेल्धुरा	आलु, तरकारी, सुन्तलाजात फलफूल	<ul style="list-style-type: none"> <li>➤ आलुको दादे रोग (Common scab)</li> <li>➤ आलुको विभिन्न जातको परिक्षण (Varietal trail)</li> <li>➤ उपभोक्ता र व्यपारीको खरिद प्राथमिकतामा रहेका आलु जातको सर्भे (Consumer preference)</li> <li>➤ काक्रा, लौकामा 3G cutting</li> <li>➤ टमाटर, भण्टामा गभारो किराको रोकथामको अध्ययन</li> <li>➤ विभिन्न तरकारीको जातिय परिक्षण</li> <li>➤ बेमैसमी तरकारी उत्पादन</li> <li>➤ सुन्तलाको रोग तथा किराको अवस्था र तिनको रोकथामबारेमा अध्ययन</li> <li>➤ सुन्तलाजात फलफुलका पुराना बगैचा हस हुदै जानुको कारण बारे अध्ययन र तिनको समाधान</li> </ul>
अछाम	स्याउ, आलु, ओखर, बाखा	<ul style="list-style-type: none"> <li>➤ Varietal Performance and potentialities of indigenous potato in Achham District, Nepal.</li> <li>➤ Socio-Economic problems involved in potato production in Achham District, Nepal.</li> <li>➤ Comparison of Traditional and Chemical Farming of potato in Achham.</li> <li>➤ Production Economics and Marketing channel of potato in Achham District of Nepal.</li> <li>➤ Value Chain Analysis of Apple/ Walnut in Bajura District of Nepal.</li> <li>➤ Cost Benefit Analysis of HDP and Local Apple farming in Bajura District</li> </ul>

		<p>in Nepal.</p> <ul style="list-style-type: none"> <li>➤ Problems identification and analysis of Walnut-Transformation of Thin Shell to Hard Shell.</li> <li>➤ Varietal Performance analysis of Exotic &amp; Local Apple/Walnut Varieties in Bajura District, Nepal.</li> <li>➤ Performance evaluation of Khari and Boer Cross bred goat in Achham District.</li> <li>➤ Production system of Indigenous goat/exotic goat bred in Achham District, Nepal.</li> <li>➤ prevalence of parasites in Goat farming in Achham District, Nepal</li> </ul>
कैलाली		<ol style="list-style-type: none"> <li>1. Role of social media in information dissemination and technology transfer in rural area of Kailali district</li> <li>2. The prospects and constraints of spring rice in Kailali district</li> <li>3. Common post-harvest, processing and storage technologies for cereal crops adopted by farmers in Kailali district</li> <li>4. Farmers preferences and popular bread wheat varieties in Kailali districts</li> <li>5. Evaluation of phenological, agronomic and yield attributing characteristics of popular spring rice varieties in Kailali district</li> <li>6. Status of agriculture mechanization in PMAMP command areas in Kailali district</li> <li>7. Comparative study on traditional vs mechanized harvesting in wheat, rice and mustard crops in Kailali district</li> <li>8. Fertility status of soil in wheat super zone and rice zone command area in Kailali district</li> </ol>
कंचनपुर		<ul style="list-style-type: none"> <li>• Analyzing the effects of temperature and rainfall changes on rice productivity.</li> <li>• Evaluating the effectiveness of IPM strategies to reduce pest damage in rice farming.</li> <li>• The potential of organic farming techniques for improving soil health and productivity in rice cultivation.</li> <li>• Improving methods to minimize post-harvest losses and improve rice quality during storage.</li> <li>• Evaluating the benefits of crop rotation for soil fertility and pest control in wheat production.</li> <li>• Exploring the impact of mechanized wheat farming on labor productivity and cost- efficiency.</li> <li>• Studying the impact of microorganisms like nitrogen-fixing bacteria on rice yield and soil health.</li> <li>• Evaluating the performance, adoption, and challenges of hybrid rice cultivation.</li> <li>• Assessing alternative uses of rice straw to reduce burning and environmental impact, such as bioenergy or composting.</li> <li>• Investigating the socio-economic contributions and challenges faced by women in rice production systems.</li> <li>• Studying the effects of no-till and conservation agriculture on soil structure, moisture retention, and wheat yield.</li> <li>• Studying the potential of intercropping wheat with legumes or other crops to improve soil fertility and biodiversity.</li> <li>• An assessment of farm mechanization status of rice cultivation.</li> <li>• Effect of crop establishment methods on yield of spring rice.</li> <li>• Adoption of direct seeded rice over puddled transplanted rice for resource conservation.</li> <li>• Adoption of zero tillage in wheat.</li> </ul>

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|  |  | <ul style="list-style-type: none"><li>• Economics of zero tillage and conventional methods of wheat production.</li><li>• An economic analysis of production and marketing of spring rice.</li><li>• Assessment of agricultural mechanization status in rice production.</li></ul> |
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