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Assessing the quality of agricultural market information systems: A self-assessment guide 2018-06-22 over approximately the past 40 years many developing countries invested in the establishment of agricultural market information systems or services mis these systems or services were initially run by government agencies but since the turn of the millennium private organizations have shown interest in providing data on a commercial basis to date however these private services while usually being more efficient than the government run ones have also largely depended on donor support for their continued operation it has proved difficult to develop a profitable business model as many of the clients are small farmers and traders agricultural market information systems or services mis can cover staples horticultural crops livestock and export commodities they are generally designed to collect process and disseminate or distribute data of relevance to farmers traders and other buyers such as processors but the data they generate can also be used for a variety of purposes by governments donors international organizations and others

Market Infrastructure Planning 1999 this is the third manual on market infrastructure it highlights the need for improved planning and decision making to ensure successful market investments the guide identifies the key steps in deciding on whether and how to invest in market infrastructure and highlights the steps to be taken to determine the size location and operations of markets the guide will be of interest to economists and planners in ministries of agriculture and of urban development as well as city and local authorities development practitioners will also find the guide of interest

Retail Markets Planning Guide 1995 this guide is intended to assist those engaged in the development of rural and urban retail markets trading in fresh produce grains meat and fish it examines different types of markets and their operation planning how they function and the variation in their roles according to location

Save and Grow – A technical guide to agricultural practices in Zambia 2021-10-14 this guide has been developed for extension officers in both the public and the private including those interested in agricultural development in zambia the goal of this manual is to serve as a tool that allows readers to access up to date information about various agricultural practices and their advantages and disadvantages there are many organisations in zambia that have programs that aim towards sustainable development in the agricultural sector amongst these programs there are many different approaches to the goal of improving livelihoods although these various programs have good reasons for promoting their specific methods this manual aims to take an independent stance to portray what all of them offer and why this manual also includes significant information about new approaches and traditional farmer practices or conventional farming methods the central theme in this manual is that there can never be only one way to achieve a goal under such diverse conditions as are found in agriculture although a certain amount of benefit can be gained by rigid guidelines to agricultural practice for example a specific crop spacing tillage method or fertilizer recommendation the diverse factors that affect peoples decisions relate to economic social and environmental conditions make such guidelines impractical in many cases

Field guide to improve crop water productivity in small-scale agriculture 2020-04-01 by 2050 the world s population will reach 9.1 billion which requires an increase of food production by 70 percent compared to 2005 fao 2018 nearly all the increase will occur in developing countries where agriculture plays a major role to provide employment income and to improve food security one of the major challenges of increasing food supply is the limited water resources agriculture as the driver of freshwater exploitation has therefore to be transformed into more resource efficient production fao 2003 the world s limited freshwater resources are potentially threatened by the expansion of agriculture increasing the potential output per amount of water used is an appropriate practice to improve production efficiency while protecting water resources therefore increasing the productivity of agricultural water use in a sustainable manner is essential to ultimately sustain the social and economic conditions of livelihoods crop water productivity has grown into one of the major approaches to cope with water scarcity and advance crop water relation the number of conceptual frameworks and implications is ample but there is always a growing need to review the step by step approach beyond in this field guide practical pathways are presented to provide a comprehensive approach for assessing and improving crop water productivity in small scale agriculture the field guide draws lessons learned in three countries burkina faso morocco and uganda within the framework of fao project strengthening agricultural water efficiency and productivity at the african and global level funded by swiss agency for development and cooperation sdc

OECD-FAO Guidance for Responsible Agricultural Supply Chains 2016-10-14 oecd and fao have developed this guidance to help enterprises observe standards of responsible business conduct and undertake due diligence along agricultural supply chains in order to ensure that their operations contribute to sustainable development

Agrobiodiversity - a training manual for farmer groups in East Africa 2018-06-26 farmers play a crucial role in the preservation and sustainable use of agrobiodiversity in fact the diversity of species that support our current agricultural production systems has been carefully managed and shaped by farming communities over the course of the history of humankind farmers act as custodian of the earth s agrobiodiversity resources and play a big part in preserving traditional plant and animal varieties and the knowledge associated with these fao has long been working on promoting approaches to agriculture that enable both the sustainable use of biodiversity

resources for food and agriculture and their conservation and on supporting farmers to make informed decisions on their farm management and production practices this training manual fits in this broader commitment to support a shift towards a paradigm of agricultural production that can sustain food and nutrition security while at the same time cause the least harm to natural ecosystems the manual is intended as an introduction to agricultural biodiversity and to its relevance to different aspects of agricultural production and management for smallholder farmers in kenya it includes eight different training modules each covering a specific aspect related to agrobiodiversity the modules are standalone and can be used independently one from the other depending on the user s or project s aim the materials were originally prepared within the fao netherlands partnership programme fnpp and have been updated revised and published under the second phase of the european union funded project capacity building related to multilateral environmental agreements meas in africa caribbean and pacific acp countries

Manual on development and use of FAO and WHO specifications for pesticides 2016-01-01 the fao who manual on development and use of fao and who specifications for pesticides contains general principles and methodologies of the work undertaken by jmps is the continuous evaluation of new scientific developments and guidance documents the manual gives the historical background of the operation of the jmps and describes the purpose of the work the manual is also used by countries as a guidance document in setting pesticide specifications this 3rd revision of the manual contains new methodologies principles developed in recent 5 years and incorporates the current working principles applied by the jmps

Guide for training of facilitators of multi-actors agricultural innovation platforms 2022-01-17 facilitation has proved crucial for enabling the interaction of agricultural innovation system actors to address the target and to innovate this guide on training of facilitators of multi actor agricultural innovation platform is aimed at serving facilitators when multi actor agricultural innovation platforms maips are organized since maips are still an emerging concept there are not many cases to refer to this guide mainly summarizes the experiences from the implementation of maips in permission hazelnuts and honey value chains that fao organized through the eu funded project of development of sustainable and inclusive local food systems in north west region of azerbaijan gcp aze 014 ec and stb initiatives this guide is a guideline tool rather than a textbook for training maips facilitators facilitators should keep in mind that maips advocate learning by doing through practice they should conduct maips by referring to the training activities in this book instead of copying although the authors have tried their best to make this guide applicable to agricultural production and social development in various places it is difficult to cover all the content therefore maips facilitators using this book are encouraged to give full play to creativity and develop training activities and methods sensitive to local characteristics and value chains

Pilot project on the implementation of the OECD-FAO Guidance for Responsible Agricultural Supply Chains - Final Report 2019-11-07 this final report presents the key findings of the pilot project for testing the practical application of the oecd fao guidance it includes progress made over the pilot timeline and summarizes the key lessons learned good practices and challenges highlighted through the activities implemented with pilot participants throughout the duration of the pilot project it provides conclusions and recommendations for various categories of stakeholders

Access to Global Online Research in Agriculture (AGORA) User guide 2022-02-15 the access to global online research in agriculture agora user guide provides in depth information about the agora programme including its background content how to join eligibility details partners and impact the user guide also includes step by step instructions on how to access and efficiently utilize the agora content portal for current users along with answers to troubleshooting issues this publication will help to increase agora s target audience interested and registered public institutions in low income countries ability to utilize the agora platform efficiently providing them with free or low cost access to thousands of major scientific journals electronic books and other resources from the world s leading academic publishers in the fields of agriculture fisheries food nutrition veterinary science and related biological environmental and related social sciences the goal of the guide and how it contributes to fao s strategic objectives and priorities is to improve the quality and effectiveness of access to agricultural research education and training in low income countries and in turn improve food security through the proper use of the agora programme and content platform researchers policy makers educators students technical workers and extension specialists have digital access to high quality relevant and timely agricultural information

Field guide to improve water use efficiency in small-scale agriculture 2019-09-24 the role of irrigation in gearing agriculture development towards a broader economic growth is undeniable accordingly irrigation is growing into key operational strategy for governments and their agencies to increase agricultural productivity thus combatting food insecurity and boosting overall growth while agriculture absorbs rural workforce generates income and increases food security it has become the most important driver in freshwater exploitation the rapid expansion of water demand leads to the generalized phenomena of imbalance between water supply and water demand this increasing pressure on water resources urges enhancing water use efficiency enhancing water use efficiency requires actions at all levels from agricultural practitioners to scheme managers and up to the policy makers the

objective of this field guide is to show practical measures to improve water use efficiency in small scale agriculture based on case studies from burkina faso morocco and uganda the book not only presents applicable water use efficiency measures but also guide the readers through their real term implementation while the guide provides complete set of instructions to improve water use efficiency in order to reach optimal irrigation practices the successful outcome still depends on the farmers willingness to embrace and adopt the recommended measures the guide holds in evidence that farmers are often constrained by available resources to improve their practices in terms of budget inputs or labour in order to take these issues into account the recommendations are limited on practical measures which can be followed by farmers without requiring additional resources

Guide to Extension Training 1985 the framework of development understanding extension social and cultural factors in extension extension and communication extension methods the extension agent the planning and evaluation of extension programmes extension an special target groups

Legal guide on land consolidation 2020-06-01 land consolidation is a highly effective land management instrument that allows for the improvement of the structure of agricultural holdings and farms in a country which increases their economic and social efficiency and brings benefits both to right holders as well as to society in general since land consolidation gives mobility to land ownership and other land rights it may also facilitate the allocation of new areas with specific purposes other than agriculture such as for public infrastructure or nature protection and restoration land consolidation instruments necessitate a thoroughly elaborated legal regulation that is integrated into the national legal framework this legal guide provides detailed guidance on legislative issues regarding land consolidation in ways that align with voluntary guidelines on responsible governance of tenure of land fisheries and forests in the context of national food security and international human rights law it focuses on land consolidation in rural areas and is based on regional good land consolidation legislative practices in europe primarily on analysis of the regulatory practices in denmark finland germany lithuania the netherlands serbia spain galicia and turkey it also uses land consolidation regulatory practices in other european countries as a source of information this legal guide is published in collaboration with the fao regional office for europe and central asia

E-agriculture Strategy Guide 2018-06-25 a framework to develop and monitor national e agriculture through information and communication technologies including online courses and sms messaging for crops forecasts

Field guide for hill land reclamation and water management 2020-04-01 estimates indicate that around 20 25 percent of the active population of lebanon derives at least part of its livelihoods from agriculture nevertheless the majority of farmers live below the upper poverty line of 4 usd per day the enhancement of food security rural development and sustainable resources management are thus imperative and they are targeted as key priorities in order to bring effective improvements at field level however the joint efforts of all stakeholders are required from decision makers to agricultural practitioners the current field guide has been prepared as a practical and technical tool that can well respond to the current challenges in land reclamation for soil and water management and ultimately support final beneficiaries and agricultural agents through the provision of clear indicators and potential costs the guide thus should be considered not simply as a compendium of land reclamation and water management practices but also as a manual for implementers and specialists the guide provides a complete set of instructions to implement an extensive range of land reclamation and water management solutions to achieve optimal employment of resources and it also takes in due consideration the constraint represented by the availability of resources for farmers willing to improve their practices the illustrated techniques are presented together with realistic estimates of required manual work labor employment and financial costs for a correct evaluation based on local and individual needs and priorities and the subsequent direct implementation

Guide on digital agricultural extension and advisory services 2023-03-30 digital agricultural extension and advisory services aeas have a great potential to enhance accessibility delivery transparency scope and impacts of information and services for smallholder farmers however this potential is often unfully harnessed and the benefits of digital aeas unequally distributed due to an evident widening digital divide between rural and urban areas gender and different social groups both within and among regions due to low level e literacy and digital skills particularly smallholder farmers in rural areas in developing countries have limited access to and utilization of digital aeas considering the above mentioned benefits of digital aeas their poor uptake by smallholder farmers and the importance of digital empowerment of smallholder farmers in particular this guide targeting smallholder farmers in need of digital aeas as its principal users provides a set of tools to enhance their digital skills in terms of basic knowledge and skills on using digital tools methods of access to digital aeas methods of access to e commerce and capacity building

Food loss and waste and value chains 2019-09-17 food loss and waste and food value chains learning guide is a guide designed for students aged 12 15 in secondary schools with the objective of raising awareness on the topics of food value chains food loss and waste and nutrition this is one of two books the other is dedicated to teachers this guide helps the students in linking the three topics learned with the activities and content in the guide

Policy guide to improve water productivity in small-scale agriculture 2020-05-01 in developing countries

further progress of irrigation is essential for increasing food security and farmers income however developing small scale schemes remains a challenge due to multiple factors that must be taken into consideration such as diversity of small scale schemes a large number of water users social disharmony over the water use varying water demands of multi cropping systems heterogeneity of equipment over the scheme furthermore on farm irrigation development has a major role in enhancing agricultural water management awm the previous development methods considered the improvement of single factor productivity but agriculture is undergoing a global shift from the single objective of outputs such as yield or net income to multiple objectives of increasing outputs while conserving natural resources many pathways towards enhancement of water productivity wp are directly related to improving overall farm agronomic management irrigation fertilization plant density plant protection etc while external measures must be applied to ensure sustainability of introduced good practices lack of input markets scarce knowledge poor infrastructures water regulations etc thus introducing irrigation practices to farmers must undergo a step wise process to ensure that costs do not outweigh achievable benefits and both institutional and technical environment are capable to sustain results this is the case in smallholders schemes where farmers are poorly resourced in order to address these issues the current policy guide presents a combined methodology which involves practical experiences drawn from fao work in the three countries as well as researchers results to line up a set of feasible measures to improving wp

Child labour in agriculture in Lebanon 2018-10-19 this guide will serve as a significant tool for practitioners in lebanon and the arab countries who are attending to the issue of child labour in agriculture moreover it represents a pillar for present and continuous collaborative efforts between two sister un agencies the ilo and fao and their national counterparts the ministry of labour and the ministry of agriculture it is within the framework of the global understanding between ilo and fao to combat child labour in agriculture that this guide has been developed specifically this guide aims at raising awareness among practitioners in the field of agricultural labour of the seriousness of the problem of child labour and its implications and to sensitize all stakeholders involved in agricultural work to the various possibilities for limiting its severity in particular the guide was designed as a reference manual for trainers of trainers conducting workshops in the field of child labour in agriculture in lebanon but may also be used by all stakeholders and practitioners in the field of agriculture

FAO Guide to Ranking Food Safety Risks at the National Level 2020-10-06 the objective of this guidance is to provide direction to decision makers on how to start ranking the public health risk posed by foodborne hazards and or foods in their countries the primary focus is microbial and chemical hazards in foods but the overall approach could be used for any hazard this guidance was developed with a wide audience in mind including but not limited to microbiologists toxicologists chemists environmental health scientists public health epidemiologists risk analysts risk managers and policy makers political will and a strong commitment to modernize food safety are key to the successful development and implementation of any risk ranking effort at the country level

Egg Marketing 2003 this guide provides information and advice to those concerned with the production and sale of eggs in developing countries with an emphasis on marketing i e producing in order to meet market demand market led egg production enables long term business survival higher profits and a better standard of living for the egg producer fao

OECD-FAO Business Handbook on Deforestation and Due Diligence in Agricultural Supply Chains

2023-07-06 this handbook was developed by oecd and fao to help companies embed considerations on deforestation and forest degradation into their corporate due diligence procedures it is informed by fao s extensive work and experience on halting deforestation and forest degradation and promoting responsible governance of tenure the handbook builds on the leading international government backed standards on supply chain due diligence and responsible business conduct the oecd guidelines for multinational enterprises and the associated due diligence framework set out in the oecd fao guidance for responsible agricultural supply chains and the oecd due diligence guidance for responsible business conduct this handbook demonstrates how the oecd fao guidance can be applied to address deforestation by contextualizing existing recommendations and directing users towards helpful sources of due diligence information

Handbook on establishing and operating multi-actors agricultural innovation platforms 2023-11-02 multi actor agricultural innovation platforms maips as models for inclusive and collaborative innovation are increasingly deployed in farmer communities to solve the last mile bottleneck namely the empowerment of smallholder farmers and value chain actors to access innovation and services to drive field level change facilitators play a critical role in establishing and operating maips stimulating interactions among maip actors and thereby supporting co innovation and co learning processes they are usually specialized maip actors e g researchers extension agents agricultural educationists brokers ngo activists traders and processors qualified maip facilitators as value chain intermediaries and coordinators are required to have strong facilitation skills and relevant technical background they are normally trained through training of maip facilitator courses or through the implementation of a maip this handbook aims to support maip facilitators to establish and operate maips it summarizes the experience of the maips in persimmon hazelnut and honey value chains that fao implemented as part of the european union funded

project development of sustainable and inclusive local food systems in north west region of azerbaijan gcp aze 014 ec the tropical agricultural platform agricultural innovation system tap ais project implemented in malawi and the science and technology backyard stb initiative led by the china agricultural university cau it also draws on the experience of the training course training of master trainers for establishing and operating multi actors agricultural innovation platforms co organized by fao and cau on 11 15 july 2023

FAO/IPGRI Technical Guidelines for the Safe Movement of Small Fruit Germplasm 1994 the technical guidelines are written in a short direct sometimes telegraphic style in order to keep the volume of the document to a minimum and to facilitate updating the guidelines are divided into two parts the first part makes general recommendations on how best to move germplasm of the crop concerned and mentions available intermediate quarantine facilities when relevant the second part covers the important pests and diseases of quarantine concern the information given on a particular pest or disease does not pretend to be exhaustive but concentrates on those aspects that are most relevant to quarantine where possible acronyms for viruses are according to hull et al 1991

Save and Grow 2018-06-22 the book offers a rich toolkit of relevant adoptable ecosystem based practices that can help the world's 500 million smallholder farm families achieve higher productivity profitability and resource use efficiency while enhancing natural capital

Responsible governance of tenure 2018-10-05 this technical guide explains how investors can invest responsibly in agricultural land in line with the voluntary guidelines although the voluntary guidelines address both forests and fisheries this guide focuses only on investments in agricultural land it is not an attempt to set new standards rather the guide explains what the voluntary guidelines mean and how they can help firms to understand and manage risk related to land tenure

Guide on incentives for responsible investment in agriculture and food systems 2021-05-14 increased investment in agriculture and food systems from both the private and public sectors is critical to enhance food security and nutrition reduce poverty and adapt to climate change to generate sustainable benefits this investment must be responsible what role should investment incentives play in encouraging such investment this guide helps to answer that question specifically the guide provides policymakers and government technical staff with guidance on how investment incentives can be used and how they should not be used to enhance responsible investment in agriculture and food systems the guide provides an overview of responsible investment in agriculture and food systems examines common types of incentives offers general considerations on how incentives can be used and discusses how to plan for design monitor and evaluate investment incentives for responsible investment in agriculture and food systems

Training and Extension in the Co-operative Movement 1962 this brochure describes the technical guidelines toolkits databases and other resources for pesticide management developed by fao and who these resources support the standards outlined in the international code of conduct on pesticide management by providing detailed information and guidance on how to manage pesticides at the different stages of their life cycle from production to disposal the resources are principally intended for use by governments in low and middle income countries but they may also be useful to other stakeholders the resources cover both agricultural and public health uses of pesticides

Managing pesticides in agriculture and public health 2019-07-02 fao's best selling 2011 publication *save and grow* proposed a new paradigm of agriculture one that is both highly productive and environmentally sustainable this new book looks at the application of *save and grow* practices and technologies to production of the world's key food security crops maize rice and wheat with examples drawn from developing countries worldwide it shows how eco friendly farming systems are helping smallholder producers to boost cereal yields improve their incomes and livelihoods conserve natural resources reduce negative impacts on the environment and build resilience to climate change the book will be a valuable reference for policymakers and development practitioners guiding the transition to sustainable food and agriculture

Save and Grow in practice: maize, rice, wheat 2018-06-21 the coaching programme was launched in 2017 by appui au développement autonome ada and the food and agriculture organization of the united nations fao under improving capacity building in rural finance cabfin a partnership comprising fao the german agency for international cooperation giz the consultative group to assist the poor cgap the international fund for agricultural development ifad the united nations capital development fund uncdf the world bank and the world food programme wfp two initial pilot programmes a national pilot in the lao people's democratic republic and a regional pilot in west africa included the participation of eight financial service providers this guide aims to share the experience accumulated by fao and ada from 2017 to 2021 during the implementation of the programme it is intended for donors development organizations fsps and other private or public stakeholders wishing to bring about a lasting improvement in smallholder farmers access to funding in agricultural value chains

Agricultural Finance Africa - Coaching programme guidance notes 2021-07-20 currently in tanzania training institutions for professionals in cross cutting sectors such as forestry and agriculture do not adequately capture the role of forest and tree resources for food security and nutrition leading to dependency on one sector

agriculture to cater for food and nutrition diversity this undervalues the fundamental role of forest ecosystem services for sustainable agriculture by regulating water flows stabilizing soils maintaining soil fertility regulating the climate and providing habitat for wild pollinators and predators of agricultural pests provision of education on sustainable forests and trees for food security and nutrition at all levels seems to be the most conceivable entry point to ensure that adequate knowledge and skills are imparted to professionals the goals of this training manual are to enhance the recognition and significance of forestry to food security and nutrition through the sustainable management and use of forests and trees² enhance the food security and nutrition benefits from the forests and trees enhance and stimulate research and training capacity strengthen institutional frameworks by incorporating food security and nutrition objectives in forest management policies programmes and projects and develop value chains based on forest and tree resources for sustainable development in the country the overall objective is to create awareness and enable increased investment in the forestry sector for food security and nutrition in tanzania this training manual is also meant to serve as a useful tool for sharing and exchanging knowledge and experiences across different regions within the country and beyond

Training manual on forests and trees for food security and nutrition 2020-04-01 the guide to implementing the one health joint plan of action oh jpa at national level provides practical guidance on how countries can adopt and adapt the oh jpa to strengthen and support national one health action building on the oh joint plan of action theory of change this guide describes three pathways and five key steps to implement the oh jpa at national level pathway 1 governance policy legislation financing and advocacy pathway 2 organizational and institutional development implementation and sectoral integration pathway 3 data evidence information systems and knowledge exchange the guide is a joint publication by the four quadripartite organizations the food and agriculture organization of the united nations fao the united nations environment programme unep the world health organization who and the world organisation for animal health woah

A guide to implementing the One Health Joint Plan of Action at national level 2023-12-08 this paper has been produced as a follow up to the fao guidelines advancing agroforestry on the policy agenda a guide for decision makers the purpose of this document is to provide a review of the main tenure related challenges that can affect agroforestry adoption to inform policies and project implementation drawing on practical cases the document also presents measures and approaches which could potentially fuel the adoption of agroforestry concluding with a number of specific recommendations for formulation and implementation of tenure policies promoting agroforestry

Agroforestry and tenure 2019-05-20 fao has supported member countries to carry out their national agricultural censuses since 1945 through the development and dissemination of international standards concepts definitions and methodologies as well as technical assistance in 2015 fao published volume 1 of the world programme for the census of agriculture 2020 wca 2020 programme concepts and definitions the tenth decennial programme that provides guidelines for implementation of national agricultural censuses in the 2016 2025 decade volume 1 deals with the methodological and conceptual aspects of the census of agriculture in addition to the use of international standards the proper conduct of an agricultural census also depends on adequate planning implementation use of resources and quality assurance throughout all stages of the census in light of this volume 2 of wca 2020 operational guidelines has been designed to guide national census practitioners responsible for conducting the agricultural census it deals with the practical steps involved in actually conducting an agricultural census in the field volume 2 is a revised and updated edition of conducting agricultural censuses and surveys published by fao in 1996 the revision is opportune not only in view of the recent publication of the new census programme and methodology but also in view of the substantial changes witnessed in the census technological environment over the last two decades the availability of digital mobile and more affordable tools for data capture geo positioning remote sensing imaging digital archiving and online dissemination have provided new cost effective alternatives to traditional ways of conducting the agricultural census

World Programme for the Census of Agriculture 2020 2019-02-04 this manual aims to present practical examples of the use of the fao asis country tool so that the user can make a better interpretation of the results obtained this manual is part of the series of manuals called user manuals of the agricultural drought surveillance system for central america asis country this manual focuses on explaining the interpretation of various indices generated by the asis tool the examples come from different countries where the tool is used e g nicaragua philippines and bolivia

User Manual Agricultural Stress Index System/Country-Level 2023-05-25 this book on improving agricultural extension a reference manual offers a critical review and inventory analysis of the state of the art in agricultural extension theory and best practices written by internationally known agricultural extension practitioners educators and scholars a total of 38 authors from 15 countries contributed to the 23 chapters of this book and thus they provided broad international perspectives covering both theory and practice as well as micro and macro issues related to agricultural extension it is the third edition of a classic reference manual on agricultural extension published by the food and agriculture organization fao of the united nations aimed at agricultural

extension planners managers trainers educators and field practitioners this book could be useful in improving the quality of agricultural extension and in generating new ideas and methods for increasing further the cost effectiveness of agricultural extension programmes it provides many sound and practical suggestions for developing and improving the conceptual technical and operational methods and tools in order to strategically plan efficiently manage and scientifically evaluate a problem solving demand driven and needs based agricultural extension programmes

Improving Agricultural Extension 1997 one of the main objectives of the agreement on agriculture aoa negotiated under the uruguay round is to improve the access of developing countries to foreign markets constraints in the domestic supply chains of many countries along with weak marketing support and trade facilitation services have prevented them however from exploiting the opportunities provided by the aoa and by other agreements to improve market access the aim of this guide is to inform policy analysts on issues that should be considered while developing policies and measures to break the main processing and marketing constraints that prevent their countries from fully exploiting their agrifood export potential

Addressing Marketing and Processing Constraints that Inhibit Agrifood Exports 2005 countries in asia and the pacific region recognize the need to have a comprehensive framework for pesticide residue management through science based risk assessment management and communication the framework incorporates a range of functions and activities including pesticide registration maximum residue limit mrl setting approval of a pesticide product label farmer education pesticide control of use regulation food traceability verification of good agricultural practice gap national pesticide residue monitoring programmes facilitation of trade and market access traceback investigation and pesticide review the frameworks tend to be operated as a continuum seeking ongoing improvement in gap and enhancements to food safety a sound pesticide residue framework does not rely only on residue monitoring but importantly includes at the very least pesticide registration chemical control of use traceback investigation and a chemical review process an increasing focus on harmonization of the pesticide risk management framework elements including the setting of mrls is a key strategy to assist countries in the region fao received an official request from the asean health cluster 4 ensuring food safety ahc4 to assist in developing the basis for countries to implement effective pesticide residue monitoring systems which are in line with the overall framework of the asean food safety policy noting the broad spectrum of pesticide risk management frameworks present in the asean countries ahc4 and fao worked collaboratively to develop this regional guide which is based on an in depth situation analysis of the asean countries in terms of their capacities and knowledge levels the present guide provides practical solutions and management options for countries at different capacity levels to develop or strengthen effective pesticide residue monitoring systems

Guide to develop and strengthen national pesticide residue monitoring programmes 2022-01-27

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