A Report on 18th Parthenium Awareness Week - 2023





ICAR-DIRECTORATE OF WEED RESEARCH

Jabalpur (Madhya Pradesh) ISO 9001: 2015 Certified



A Report on 18th Parthenium Awareness Week-2023

(16-22 August, 2023)

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Appeal



I am happy that the ICAR-Directorate of Weed Research (DWR), Jabalpur organizes "Parthenium Awareness Week" every year to motivate the public for the management and eradication of this obnoxious weed. As you know the health of humans, animals, plant and the environment are interconnected, and "One Health" is an integrated approach that recognizes these fundamental relations. Therefore, Parthenium eradication is a step in this direction to maintain better

ecological standards. *Parthenium* has become one of the rampant weeds throughout the globe causing enormous damage to agricultural productivity, human and animal health and biodiversity. In India, it has assumed serious proportions in cropped and non-cropped lands, city dwellings, rail and roadsides, and institutional campuses. Management of this weed requires specialists from multiple sectors work together to tackle the problem as well as create awareness among the public regarding health hazards. ICAR-Directorate of Weed Research, Jabalpur has developed very effective technologies for *Parthenium* management and its utilization. Moreover, it is becoming more important as a major activity of *"Swachh Bharat Abhiyan"* and therefore all the institutes universities and KVKs should ensure "*Parthenium*-free campus" at the earliest.

This year XVIII *Parthenium* Awareness Week is being organized by the Directorate from 16-22 August 2023 throughout the country. I appeal to all the staff of universities, institutes and KVKs to participate in this activity as a component of "*Swachh Bharat Abhiyan*" and to ensure "*Parthenium*-free campus".

Dr. Himanshu Pathak
Secretary. DARE & Director General. ICAR





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FOREWORD

Parthenium, an invasive species, has relentlessly spread not only in agricultural fields but also in other ecosystems. It inflicts severe health hazards such as skin ailments, respiratory afflictions, and gastrointestinal maladies in humans and bovine population. Because of wide ecological range of Parthenium, its eradication is a major challenge across the ecologies. ICAR-Directorate of Weed Research, Jabalpur is dedicatedly developing and disseminating different technologies of Parthenium management since its establishment. However, to make people aware of its ill effects on health, biodiversity and environment, and to involve all the stakeholders in its eradication, a nationwide programme named "PARTHENIUM AWARENESS WEEK" was started in the year 2004. The '18th Parthenium Awareness Week', was organized during 16-22 August, 2023 under the auspices of the Directorate involving SAUs, ICAR institutions, KVKs, municipal corporations, schools and colleges, NGOs and others. Through a diverse array of educational initiatives, awareness campaigns, and community engagement activities, stakeholders from all walks of life came together to confront this shared threat head-on.

The present publication entitled 'A Report on 18th Parthenium Awareness Week' is a compilation of various activities undertaken during the week by different organizations throughout the country. This document serves as a testament to the unwavering commitment of various stakeholders who dedicated their time, resources, and expertise to raise awareness about the perils of Parthenium.

I compliment the Director of the institute and his team for compiling the activities pertaining to *Parthenium* management and publishing it in the form of a book. I am sure, this document will serve as a source of knowledge, inspiration, and guidance for *Parthenium* management, particularly in agricultural landscapes.

(S.K. Chaudhari)

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PREFACE

Parthenium commonly known as Gajarghas, is a weed of Mexican origin. The weed is believed to have been introduced into India as contaminants in PL 480. wheat imported from the USA in the 1950s. Since its initial appearance in Pune in 1955, this invasive species has relentlessly spread in agricultural lands and wastelands of the country. Parthenium inflicts severe health hazards such as skin ailments, respiratory afflictions, and gastrointestinal maladies in humans and animals. Because of its invasiveness and alleologathic properties, it has potential to disrupt the natural ecosystems and biodiversity. Because of its wide ecological range, epidemic proliferation and strong reproductive potential, eradication of Parthenium is a major challenge. Manual uprooting, mechanical, chemical and biological control strategies when used individually to curb proliferation this weed have been proved ineffective and expensive. The biomass of this plant is not put to any use and disposed along the roadsides, agricultural fields and railway tracks after uprooting. Therefore, integrated approaches using 'all little hammers' are necessary to contain the invasion of this weed. Public awareness has to be created and participatory approach to control the invasive weeds need to be adopted.

The ICAR-Directorate of Weed Research, Jabalpur is dedicatedly developing and disseminating different technologies of *Parthenium* management since its establishment in 1989. However, to make people aware of its ill effects on health, biodiversity and environment, and to involve all the stakeholders of the society in its eradication, a nationwide programme named "*PARTHENIUM AWARENESS WEEK*" was started in 2004. The '18th *Parthenium Awareness Week*', was organized during 16-22 August, 2023 under the auspices of the Directorate involving SAUs, ICAR institutions, KVKs, municipal corporations, schools and colleges, NGOs and others. Through a diverse array of educational initiatives, awareness campaigns, and community engagement activities, stakeholders from all walks of life came together to confront this shared threat head-on. The present publication entitled '*A Report on 18th Parthenium Awareness Week-2023*' is a compilation of various activities undertaken during the week by different organizations throughout the country. This book serves as a testament to the unwavering commitment of various stakeholders who dedicated their time,

resources, and expertise to raise awareness about the perils of *Parthenium*. May this book serve as a source of knowledge, inspiration, and guidance for all those who strive to create a world where *Parthenium* no longer casts its shadow over our lands.

We extend our gratitude to Dr. Himanshu Pathak, Secretary, DARE & Director General, ICAR New Delhi for his able direction to observe various activities during the '18th Parthenium Awareness Week' for the direct benefit of farmers and the general public. We are thankful to Dr. S.K. Chaudhari, DDG (NRM); Dr. Rajbir Singh, ADG (A, AF, & CC) for their guidance and encouragement. We express our gratitude to all the VCs of SAUs, Directors of ICAR Institutes, KVK staff and PIs of AICRP-WM centres, whose unwavering support and participation have been instrumental in advancing the cause of *Parthenium* awareness and management.

Authors

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1 INTRODUCTION

Parthenium weed, scientifically known as Parthenium hysterophorus, is one of the worst weeds in the world of Mexican origin, has now spread throughout India. It is an invasive plant species that has become a significant ecological and agricultural concern in the Indian context. Native to the Americas, this weed was inadvertently introduced to India in the early 1950s, likely through contaminated imported goods. Since its introduction, Parthenium weed has rapidly spread across the country, adversely affecting ecosystems, agriculture, and public health.

It has been considered one of the most problematic weeds in the country infesting about 35 million hactare of land. *Parthenium* has established in varied climate and extreme weather conditions ranging from mild to severe. In some of the states like Andhra Pradesh, Bihar, Delhi, Haryana, Madhya Pradesh, Maharastra, Karnataka, Tamil Nadu and Uttar Pradesh, Parthenium infestation is severe. By 1975, this weed used to be considered as a weed of wastelands and community lands but afterwards, it started to appear in crop fields also. Now, the weed has entered into forest and protected areas. In some of national parks, it has become a threat to survival of herbivores for want of palatable grasses due to invasion of Parthenium. Many national parks have been infested with Parthenium. In forest areas, this weed has become a great menace affecting biodiversity. It has also been found to occupy large areas of pasture lands and thus reducing the fodder availability to animals. Almost all types of crops are now severely infested with Parthenium. The various concerns arising due to Parthenium weed are as follows:

1. Ecological Impacts:

- Aggressive Growth: Parthenium weed is known for its rapid growth and adaptability, enabling it to invade diverse ecosystems ranging from agricultural lands to wastelands.
- **Biodiversity Loss:** The weed outcompetes native vegetation, leading to a reduction in biodiversity as it monopolizes essential resources, ultimately degrading natural habitats.

2. Agricultural Consequences:

- Crop Competition: Parthenium weed competes with crops for nutrients, water, and sunlight, resulting in decreased agricultural productivity and crop yields.
- Allelopathic Effects: The weed produces allelopathic chemicals that inhibit the germination and growth of other plants, further exacerbating its impact on agricultural lands.







3. Health Hazards:

- Allergenic Pollen: Parthenium weed pollen is highly allergenic, causing respiratory issues, skin allergies, and asthma in humans. It is a major contributor to respiratory problems in areas with high infestations.
- Occupational Health Risks: Individuals involved in activities such as agriculture or waste disposal in areas with Parthenium infestations are at risk of developing health issues due to prolonged exposure.

4. Livestock Concerns:

• Toxicity to Livestock: Parthenium weed is toxic to livestock, impacting their health and productivity. Ingestion of contaminated forage can lead to dermatitis, photosensitivity, and respiratory distress in animals.

Controlling *Parthenium* weed is a challenging task due to its aggressive growth and adaptability. Integrated pest management strategies that combine various control measures are often the most effective. Some common control measures for managing *Parthenium* weed:

1. Manual Removal:

Hand Pulling: In small infestations, manually uprooting Parthenium plants can be
effective. This method is labor-intensive but can be practical for localized control
efforts.

2. Chemical Control:

 Herbicides: The use of herbicides is a common method for large-scale control of Parthenium weed. Selective herbicides that target the weed while minimizing harm to non-target plants are preferred. Glyphosate-based herbicides are commonly used, but care must be taken to minimize environmental impact.

3. Biological Control:

 Insect Biocontrol: Introducing specific insects that feed on Parthenium weed has shown promise as a biological control method. The most notable example is the introduction of the beetle Zygogrammabicolorata, which feeds on the leaves of Parthenium weed, reducing its growth.

4. Cultural Control:

- **Crop Rotation:** Implementing crop rotation practices can disrupt the life cycle of *Parthenium* weed and reduce its prevalence in agricultural fields.
- **Competition:** Promoting the growth of competitive crops that can outcompete *Parthenium* weed for resources is a cultural control method.







5. Preventive Measures:

- Quarantine Measures: Preventing the spread of Parthenium weed to new areas is crucial. Implementing quarantine measures for contaminated goods and vehicles can help curb its introduction to unaffected regions.
- Clean Farming Practices: Encouraging clean farming practices, including thorough cleaning of machinery and equipment, can prevent the unintentional spread of Parthenium seeds.

6. Mechanical Control:

 Mowing and Slashing: Regular mowing or slashing of Parthenium weed can help control its height and limit seed production. However, this method may not eliminate the weed entirely.

7. Public Awareness:

• Education Programs: Conducting public awareness campaigns to educate communities about the harmful effects of *Parthenium* weed and the importance of control measures can contribute to a collective effort in managing its spread.

8. Research and Monitoring:

- Continuous Research: Ongoing research is essential to develop new and more effective control methods for *Parthenium* weed.
- Monitoring Programs: Implementing monitoring programs to track the spread of Parthenium weed and assess the effectiveness of control measures is crucial for adaptive management.

It's important to note that a combination of these control measures, tailored to specific environmental and agricultural conditions, is often the most effective approach. Additionally, a coordinated effort involving government agencies, local communities, and agricultural and environmental organizations is essential for successful *Parthenium* weed management.

The ICAR-Directorate of Weed Research (ICAR-DWR) has been at the forefront of addressing the pervasive issue of *Parthenium* weed in India. Recognizing the need for widespread awareness and collaborative efforts, the Directorate initiated the observance of the '*Parthenium* Awareness Week' in 2004. This annual event serves as a platform to engage various stakeholders, including State Agricultural Universities (SAUs), ICAR institutes, Krishi Vigyan Kendra (KVKs), state agricultural departments, non-governmental organizations (NGOs), and other institutions across the country.







Objectives of Parthenium Awareness Week:

- Educating Communities: The primary objective of the awareness week is to educate communities about the detrimental effects of *Parthenium* weed on agriculture, ecology, and public health. This includes raising awareness about its invasive nature, impact on biodiversity, and the health risks associated with exposure.
- **Promoting Integrated Pest Management (IPM):** The awareness campaign emphasizes the importance of integrated approaches to manage *Parthenium* weed. This includes advocating for a combination of manual, chemical, biological, and cultural control methods tailored to specific regions.
- Fostering Collaborations: The initiative aims to foster collaborations among various stakeholders, encouraging a collective and coordinated effort in addressing the challenges posed by *Parthenium* weed. This involves cooperation between research institutions, agricultural bodies, governmental agencies, NGOs, and local communities.
- Disseminating Best Practices: Parthenium Awareness Week serves as a platform to disseminate best practices for Parthenium weed management. This includes information on effective control measures, preventive strategies, and the promotion of clean farming practices.

Key Features of the Awareness Campaign:

- Pan-India Participation: The Parthenium Awareness Week involves the active participation of institutions and organizations throughout the country. This widespread participation ensures that the message reaches diverse regions and communities facing the challenges of Parthenium weed infestation.
- Workshops and Seminars: The campaign includes workshops, seminars, and training sessions conducted by experts from DWR and partnering institutions. These sessions focus on building the capacity of farmers, extension workers, and local communities to effectively tackle *Parthenium* weed.
- Demonstrations and Field Visits: Practical demonstrations and field visits are organized to showcase successful Parthenium weed management practices. Farmers and stakeholders are given hands-on experience and guidance on implementing control measures.
- Educational Material: The campaign involves the distribution of educational material, including pamphlets, brochures, and posters, highlighting key information about *Parthenium* weed, its impacts, and methods for control. This material is designed to be accessible and informative for diverse audiences.







Interactive Events: To engage the public actively, interactive events such as quizzes, competitions, and community discussions are organized during Parthenium Awareness Week. These activities aim to make the awareness campaign more engaging and memorable.

Over the years, the *Parthenium* Awareness Week has played a crucial role in disseminating knowledge, fostering collaborations, and empowering communities to combat the menace of *Parthenium* weed. The initiative continues to evolve, with ongoing efforts to assess its impact, adapt strategies based on research findings, and expand the reach to new regions.4

During 2023, 'Parthenium Awareness Week' was organized from 16-22 July throughout the country. For effective participation of stakeholders and to facilitate the organizations to observe various activities during the week, basic extension materials like posters, folders and video films showing menace of Parthenium and its control were developed at the ICAR-DWR, Jabalpur and supplied to various stakeholders with the appeal to multiply the extension material at their own level and to distribute to other stakeholders. Responses received from various stakeholders from different parts of country proved that thousands of people actively participated to curb the menace of Parthenium.

Parthenium Awareness Week 2023:

- A Nationwide Endeavor for Sustainable Control: In 2023, the ICAR-Directorate of Weed Research (DWR) undertook a significant initiative by organizing the 'Parthenium Awareness Week' from 16th to 22nd July throughout India. This annual event marked a crucial period dedicated to educating communities, fostering collaboration among stakeholders, and disseminating effective strategies for the control of Parthenium weed. The approach adopted during this awareness week aimed to actively engage participants and ensure a broad and impactful outreach.
- **Strategic Period and Scope:** The selected dates, from 16th to 22nd July, were strategically chosen to maximize the impact of the awareness campaign. This period allowed for a focused and concentrated effort, providing stakeholders with a dedicated time frame to participate in various activities aimed at tackling the challenges posed by *Parthenium* weed.
- Development of Extension Materials: To facilitate effective participation and engagement during the *Parthenium* Awareness Week, the ICAR-DWR took the initiative to develop basic extension materials. These materials, including posters, folders, and video films, were created at the Jabalpur facility. The content of these materials aimed to illustrate the menace of *Parthenium* weed and provide insights into effective control measures.







- Distribution and Multiplication of Extension Materials: The extension materials developed by ICAR-DWR were not only distributed to various stakeholders but were also designed to be easily multiplied at the local level. Organizations and institutions involved in the awareness campaign were encouraged to reproduce these materials and distribute them to a wider audience. This strategy aimed at creating a cascading effect, reaching more communities and increasing the overall impact of the awareness campaign.
- Response from Stakeholders: The response to the Parthenium Awareness Week in 2023 was highly encouraging, with active participation reported from various stakeholders across different parts of the country. Thousands of people engaged in activities designed to curb the menace of Parthenium weed, showcasing the success of the initiative in mobilizing communities and raising awareness about the invasive species.
- Engaging Various Regions: The success of the awareness campaign was evident in the widespread participation reported from diverse regions of the country. The initiative effectively transcended geographical boundaries, involving stakeholders from urban and rural areas, agricultural communities, research institutions, governmental bodies, NGOs, and more.
- Impact on Participation and Awareness: The active involvement of thousands of people during the Parthenium Awareness Week demonstrated a growing awareness and commitment to addressing the challenges posed by Parthenium weed. The initiative not only disseminated crucial information but also fostered a sense of responsibility among stakeholders to actively contribute to controlling the spread of this invasive species.

The 'Parthenium Awareness Week' organized by the ICAR-DWR in 2023 exemplified a well-orchestrated and impactful approach to addressing the challenges posed by Parthenium weed. By developing and distributing extension materials, fostering collaboration, and encouraging widespread participation, the initiative contributed significantly to raising awareness and mobilizing communities for sustainable control measures against Parthenium weed across the nation.









Documentation of Public Participation

2.I DIRECTORATE OF WEED RESEARCH, JABALPUR

It was realized that *Parthenium* problem can be handled only by the collective efforts rather than the individual efforts. Keeping this in mind, Directorate of Weed Research (DWR), Jabalpur has been organizing '*Parthenium* Awareness Week' since 2004 to bring awareness among people about Parthenium. During 2023, the '*Parthenium* Awareness Week' was organized from 16-22 August in different villages, schools and localities around Jabalpur. The week was also simultaneously organized throughout the country and centers of All India Coordinated Research Project on Weed Control.

Preparation and distribution of extension material

To facilitate different stakeholders to organize various activities like exhibitions, demonstrations, rallies, film shows, corner meetings etc., Extension material like posters having various messages, extension folders giving information in detail about *Parthenium* and different ways of its management were prepared at Directorate of Weed Research, Jabalpur. Video film was also developed giving all information about *Parthenium* and various tactics of its management. A kit of all these materials was sent to the State Agricultural Universities (SAUS), Krishi Vigyan Kendra (KVKS), ICAR institutes, many NGOs, municipalities, and other interested personnel with an appeal to multiply the same at their own level and observe '*Parthenium* Awareness Week' by organizing some activities involving people's participation. The kit was sent to all schools and colleges around Jabalpur with the request to display the same and to motivate students to do some activities.

Following events were organized in and around Jabalpur during the *Parthenium* awareness week 2023:

12 August, 2023

ICAR- DWR, Jabalpur Organized Press Conference for the 18th *Parthenium* Awareness Week

On 12 August, 2023 ICAR-DWR, Jabalpur organized a press conference to spread awareness through print and electronic media about the *Parthenium* weed, its adverse effects on ecology and human & animal health; and information about 18th *Parthenium* awareness week-2023.

On this occasion Dr. J.S. Mishra, Director, ICAR-DWR, Jabalpur said that *Parthenium* is becoming a serious problem not only for crops but also for humans and animals. *Parthenium* grows and flourishes throughout the year. *Parthenium* is found in abundance in vacant places, unused lands, industrial areas, roadsides, railway lines, urban and rural residential places etc. But now its outbreak is increasing in various crops like paddy, maize, moong, urad, pigeon pea, soybean, sesame, castor, sugarcane, millet, groundnut,







vegetables and horticulture crops. Due to the rapid spread of *Parthenium*, other useful plants, local biodiversity and the environment are having serious adverse effects.

Experts told in the press conference that coming in contact with this weed causes diseases like dermatitis, eczema, allergy, fever, asthma etc. in humans. Consuming it along with other fodder causes various types of diseases in animals and the milk of milch animals starts getting strange smell and bitterness. Eradication of *Parthenium* can be done through public participation, uprooting by wearing gloves or by other mechanical methods, but it requires a lot of labour, time and expense and at the same time there is a possibility of its recurrence. When touched with open hands, the chances of humans suffering from diseases like asthma, itching etc. increases further. Research work conducted in different parts of the country shows that this weed can be easily controlled by the use of herbicide chemicals. Atrazine, diuran, metrivuzin, 2,4-D, glyphosate etc. are prominent among these herbicide chemicals. The ICAR-Directorate of Weed Research, Jabalpur keeps providing complete information from time to time through various mediums about when and how herbicide chemicals should be selected and used for eradication of *Parthenium* in cultivated and noncultivated areas. Apart from this, information can be obtained from the institute through its website, phone, mail, letter or by coming in person.







A Report on 18th Parthenium Awareness Week-2023





पशुओं व फसलों के लिए गाजरघास गंभीर समस्या

ाष्ट्रीय स्तर पर गाजरघास जागरूकता सप्ताह का आयोजन १६ अगस्त से



जबलपुर 🔳 राज न्यूज नेटवर्क

मनुष्यों और पशुओं के लिए गाजरघास एक गंभीर समस्या बनकर सामने आयी है। अब इसका प्रकोप विभिन्न फसलों पर भी हो रहा है। गाजरघास के तेजी से फैलने के कारण अन्य उपयोगी वनस्पतियों, स्थानीय जैव विविधता और पर्यावरण पर गंभीर विपरीत प्रभाव पढ़ रहा है। इसकी रोकथाम के लिए खरपतवार अनुसंधान निदेशालय द्वारा 16 से 22 अगस्त तक राष्ट्रीय स्तर पर गाजरथास जागरुकता सप्ताह का आयोजन किया जा रहा है। ये जानकारी खरपतवार अनुसंधान

निदेशालय के निदेशक डॉ. जेएस मिश्र ने पत्रकारों से चर्चा के दौरान दी। पत्रकारवार्ता में शामिल विशेषज्ञों ने बताया गया कि जैविक नियंत्रण विधि से खरपतवारों का नियंत्रण, उनके प्राकृतिक शत्रुओं मुख्यतः कीटों, रोग के जीवाणु एवं वनस्पतियों द्वारा किया जाता है।

20 लाख से अधिक मैक्सिकन बीटल छोड़े

पत्रकारवार्ता में विशेषज्ञों ने बताया कि निदेशालय द्वारा अब तक लगभग 20 लाख से ज्यादा मैविंसकन बीटल देश के विभिन्न प्रदेशों में विभिन्न संस्थाओं और जन सहयोग से नि:शुल्क छोड़े जा चुके हैं। इस कीट को अगस्त-सितंबर माह में निदेशालय से निःशुल्क प्राप्त किया जा सकता है। गाजरधास के प्रबंधन की महता को ध्यान में रखते हुए जनमानस को जागरूक करने के उद्देश्य से इस वर्ष भी 16-22 अगस्त तक पूरे देश में विभिन्न प्रकार के कार्यक्रम एवं गतिविधियों का आयोजन किया जा रहा है। पत्रकार वार्ता में निर्देशालय के प्रधान वैज्ञानिक और गाजरधास जागरुकता कार्यक्रम के संयोजक डॉ. पीके सिंह, डॉ. दीपक पवार वैज्ञानिक और बसंत मिश्रा प्रमुख रूप से उपस्थित रहे।

जागरुकता और सामुदायिक प्रयासों से ही गाजरघास मुक्त होना संभव : डॉ. मिश्र

खरपतवार अनुसंधान निर्देशालय १६ से २२ अमस्त तक मनाएगा जागरुकता सप्ताह

पूरा सव, बेहिवक



सामृहिक प्रयास से ही मिलेगी गाजरघास से मुक्ति



खरपतवार अनुंसधान निदेशालय मनाएगा जागरूकता सप्ताह

से बचाव के लिए प्रबंधन आवश्यक

नार प्रयोधन सहुत आध्रमक है। जानकारी खरणतथार अनुसंधान तालव के निदेशक हो जेल्स मिक्रा ने एक पत्रकारवार्ता में पत्रकारों को ही। उन्होंने बताया कि हमारा विदेशालय 16 अयस्त से 22 अगस्त तक जागठकता अधियान यनाने



केपल फंसली बॉल्क संतुष्ये और पशुओं के लिए थी एक लंभीर समस्य भनता जा रहा है। वानस्थास पूरे बर्थ भर उनता पूर्व परतता-फुलता प्रयोग से इस सहरपतवार पर आसानी से नियंत्रण किया जा सकता है।

प्रकारवानां में विषयातां द्वारा भागत कि व्यरणायात के मान्य से भागते से मानुष्यों में हमेटाइटिश, प्राणिता, एताजी, मुख्या तथा नेशी भागते होती हैं। देश के विषया भागते में किए गर अनुसंधात कार्यों से पता भागता है कि शबकाशी स्थानने के

जा सके कार्यक्रम का शुधारंच 16 अगरत को खरकावार अनुसंधान निर्देशालक से क्रिका जानेका विकास स्वास











16 August, 2023

Inauguration of the 18th Parthenium Awareness Week 2023 Programme

The 18th *Parthenium* Awareness Week was started on 16 August, 2023 with the 'Parthenium Eradication Program' organized in the Directorate premises. In this, about 325 children and teachers of Wigs Convent School took out a rally and gave the message of eradication of *Parthenium*. Chief guest of the inaugural program, Mr. Sunil Tiwari, Managing Director, Madhya Pradesh Power Transmission Company Limited, Jabalpur said on this occasion that it is necessary to use other coordinated methods including biological control to control *Parthenium*. He said that to get rid of this terrible problem, participation of every section of the society is necessary. He talked about spreading awareness by organizing a program in his department to deal with *Parthenium* and asked for full cooperation in future.

Special guest Mr. Pukhraj Neniwal, Regional Mines Controller, Indian Bureau of Mines, Jabalpur said that this terrible problem can be overcome by using all the methods as necessary to control Parthenium. Keeping in mind the menace of Parthenium, it was emphasized that efforts should be made to manage it with full participation. He also assured to spread awareness about *Parthenium* in the mining department. Director of Weed Research Directorate, Dr. J.S. Mishra said that *Parthenium* is becoming a serious problem not only for crops but also for humans and animals. *Parthenium* grows and flourishes throughout the year. *Parthenium* is found in abundance in vacant places, unused lands, industrial areas, roadsides, railway lines, urban and rural residential places etc. But now its outbreak is increasing in various food crops, vegetables and horticulture also. Due to the rapid spread of *Parthenium*, other useful plants, local biodiversity and the environment are having serious adverse effects.

On this occasion the Director, Dr. Mishra said that coming in contact with this weed causes diseases like dermatitis, eczema, allergy, fever, asthma etc. in humans. Consuming it along with other fodder causes various types of diseases in animals and the milk of milch animals starts getting strange smell and bitterness. Dr. Mishra emphasized on the control of Parthenium through various methods, mechanical, chemical and especially biological insect Mexican beetle. Principal Scientist and Coordinator of *Parthenium* Awareness Program Dr. P.K. Singh gave detailed information about the side effects of Parthenium and measures to control it. Giving detailed information about *Zygogrammabicolorata*, the insect that eats *Parthenium*, he said that this insect is doing good work in various areas of the country including Jabalpur. Dr. Singh also gave information about the method of making good compost from *Parthenium* and how farmers can increase their income by adopting it.









गाजरघास की समस्या से मुक्ति पाने के हर वर्ग की भागीदारी जरूरी

देशबन्ध् । जबलपर. खरपतवार अनुसंधान निदेशालय, जबलपुर राष्ट्रव्यापी IST राष्ट्रीय गाजर धास जागरूकता संसाह का आयोजन राज्यों के कपि विश्वविद्यालयों. कृषि अनुसंधान परिषद् के समस्त संस्थानों, कृषि विज्ञान राज्यों के कृषि विभागी केन्द्री एवं अखिल भारतीय खरपतवार प्रबंधन के केन्द्रों, स्कूल, कलिजी तथा समाजसंबी संस्थाओं की शामिल कर राष्ट्रीय स्तर पर विविध कार्यक्रम आयोजित कर रहा है। गाजरपास जागरूकता सप्ताह का शुभारंभ निदेशालय परिसर में आयोजित गाजरघास उन्मूलन

कार्यक्रम से किया गया। इसमें विग्स कान्वेंट स्कूल के लगभग वच्यो अध्यापक/अध्यापिकाओं ने रैली निकालकर गाजरघास उन्मूलन का संदेश दिया।

कार्यक्रम के मख्य अतिथि सुनील तिवारी, प्रबंध निदेशक, पावर ट्रांसमियन कंपनी लिमिटेड जबलपुर ने इस अवसर पर कहा कि गाजारथास के नियंत्रण के लिए जैवकीय नियत्रंण सहित अन्य समन्त्रित विधियों का प्रयोग करना आवश्यक है।

विशिष्ट अतिथि पुखराज नेनीवाल, क्षेत्रीय खान नियंत्रक, भारतीय खान व्यूरो, ने कहा कि गाजरघास के नियंत्रण के लिए



विधियो सभी 1967 आवश्यतानसार उपयोग कर इस भीषण समस्या से पार पाया जा 81 सकारता खरपतवार सकता है। खर्चनिया अनुसंधान निदेशालय के निदेशक डॉ. जे.एस. मिश्र ने कहा कि गाजरघास न केवल फसलीं, बल्कि मनुष्यों और पशुओं के लिए भी एक गंभीर

समस्या बनता जा रहा है। डॉ. मिश्र. fire. वतावा खरपतवार के संपर्क में आने से मनुष्यों में डमेंटाइटिस, एरिजमा, एलजी, बुखार, दमा आदि जैसी बीमारियां होती हैं। इस अवसर पर जनसंपर्क अधिकारी बसंत मिश्रा समेत अन्य वैज्ञानिक शामिल रहे ।



गाजरघास की समस्या से मुक्ति पाने समाज के हर वर्ग की भागीदारी जरूरी : तिवारी

भा कु अनु पर पारचावार ।

परिदातावर, अस्पान प्रााह प्रकार कर प्राह्मिक कर प्राह्मिक कर सामिन्य स्थानिक स्थानिक स्थानिक स्थानिक कर्मा कि कार्निक किकार्यक्रामार्थी, कृषि अपुरसंगत परिवर्ष के सामक स्थानिक, कृषि विद्यान केन्द्री (के. मी. के.) अस्पान के केन्द्री, अस्पान केन्द्री (के. मी. केन्द्री केन्द्री (के. मी. केन्द्री केन्द्री (के. मी. केन्द्री केन्द्री (के. मी. केन्द्री केन्द्री केन्द्री केन्द्री (के. मी. केन्द्री केन्द्री केन्द्री केन्द्री केन्द्री केन्द्री (केन्द्री केन्द्री केन्द्री केन्द्री केन्द्री केन्द्री केन्द्री (केन्द्री केन्द्री केन



कहा कि इस भीषण समस्या से मुलि पाने के लिए समाज के इर को की भागियोर जनकरी है। ज्योन माजनकास से निकरते के लिए। अपने कियान में कार्यक्रम कार्योजित कर जारनकाल कियान में कार्यक्रम कार्योजित कर जारनकाल केलाने एक जीवाज में इसमें पूर्ण माजना के जात कार्या क्रिकाम आर्गिय प्रकार ने नोताल, संगीय कार्या कियान अस्तिम कार कर्यों, उपलब्ध ने कहा कि पाजनाम के निवास करें किया माजनाम के निवास करें क्रिका माजनाम के प्रवास करें क्रिका माजनाम के प्रकार करें जानभागीदारी से इसके प्रबंधन के प्रचास करने की बात पर बल दिया। उन्होंने खनन विभाग में

भी गानप्पास के जार में जारमकाला फिलाने का आक्रमानन दिया। कारपकाल में अपूर्व में मित्राल के निरंदरफ हाँ जे एस मित्र ने कहा कि गानपाम के निरंदरफ हाँ जे एस मित्र ने कहा के गानपाम के निरंदर के निरंदर में और पशुओं के लिए भी एक गंभीर समस्या समय का ठा है। बहुन्तमान कर से गानपाम स्थानी सानी सानी, अनुप्योगी पृथियों, अधिरोध्य केंद्री, साइक के किनाने, रेपके ब्यानी, जारदी एवं धारीय राज्यानी करनों आहें एस धार्मी की के कार्यक्रम में ही, पीचक चावर, पीजानिक एक विदेशालय के स्थान के जीतिक है। अधिकारी/कर्मचारी/सात्र वर्ती संख्या

गाजरघास से मुक्ति पाने हेतू समाज के हर वर्ग की भागीदारी आवश्यक: सुनील तिवारी १८ वें राष्ट्रीय गाजरघास जागरुकता सप्ताह का शुभारंभ

the Same is proposed as a prop

विदेशालय परिवर में आमितित गानस्थार उत्पानन कार्यक्रम में दिस्स कार्याट स्कूल के लगमग 325 करवी एमा अञ्चलक अञ्चलिकाओं ने रेली विकासकट गानस्थार उत्पानन का

17 August, 2023

Parthenium awareness programme at BSL Public School, Kareli, Narsinghpur

ICAR-DWR, Jabalpur organized awareness programme on Parthenium eradication at BSL Public School, Kareli on 17th August, 2023. The occasion was graced by Dr. J.K. S.S. Mishra, Director, ICAR-DWR, Jabalpur; Dr. P.K. Singh, Principal Scientist; Dr. V.K. Chowdhury, Senior Scientist; Dr Yogita Gharde, Senior Scientist; Dr. Deepak Pawar, Scientist; Shri. Sandeep Dhagat, Chief Technical Officer; Dr. Mogli Ramaiya, Scientist, Many dignitaries like Mr. Rajendra Lunawat, Press Council President; Mr. Anuj Mamar, Vice President, Mr. Bhagirath Tiwari; Praveen Kaur and Mithilesh Rajoria, School Principal attended the programme. Through audio visual presentation, problems arising from Parthenium weed were explained and information about different means for its prevention was given to the students. About 400 students and 20 farmers attended the programme.

Dr. J.S. Mishra, Director, ICAR-DWR, Jabalpur informed the gathering about various







health hazards and skin diseases caused by *Parthenium* weed. He explained the farmers about the ways to protect themselves from *Parthenium*. He also emphasized on the urgent need to take participatory approaches in integrated manner to tackle this ever-growing alien invasive weed menace.

Dr. P.K. Singh, Chairman of the 18th *Parthenium* Awareness Week programme informed the audience about the origin and dissemination of this problematic weed in the country and its ability to thrive in all cropped and non-cropped areas affecting biodiversity. He also talked about various strategies for management of this weed including its utilization by preparation of compost and vermi compost.

At the end of the programme, all students and farmers carried out *Parthenium* uprooting near by the school campus. Disposable gloves were provided to the participants for uprooting the *Parthenium*. After this the school students, school teachers, farmers and invited dignitaries carried out a '*Parthenium* awareness rally' in school surroundings with banners and posters provided to them.



















बीएसएल में गाजरघास उन्मूलन कार्यऋम का आयोजन



गुरुवार बी.एस.एल. पॉक्नक स्कल में गाजर घास उन्मलन कार्यशाला का आयोजन किया गया। भारतीय कृषि अनुसंधान परिषद खरपतवार अनुसंधान निदेशालय कार्यशाला में मुख्य अतिथि के रूप में निर्देशक जे. एस. मिश्रा, डॉ पी. के. सिंह (प्रधान वैज्ञानिक), डॉ वी.कं. चौधरी (वरिष्ठ वैज्ञानिक), र्डा योगिता घरडे (सीनियर वैज्ञानिक), डॉ दीपक पवार (वैज्ञानिक), श्री संदीप धग? ऑफिसर) एवं (टेक्निकल मोगली रमैया (वैज्ञानिक), कार्यक्रम अध्यक्ष के रूप में राजेंद्र लुनावत, प्रेस परिषद अध्यक्ष अनुज ममार, उपाध्यक्ष भागीरथ तिवारी, प्रवीण कौरव एवं विद्यालय प्राचार्य मिथिलेश गजोरिया उपस्थित हुए। विद्यालय में आयोजित इस कार्यशाला में ऑडियो विज्ञाल प्रेजेंटेशन के

माध्यम से गाजर धास से उत्पन्न समस्याओं के विषय में बताया गया तथा उसके रोकथाम के लिए अलग-अलग माध्यमों के विषय में जानकारी दी गई। अतिथि डॉ.पी. के. सिंह (प्रधान वैज्ञानिक) ने विद्यालय में छात्री का को मार्गदर्शित करते हुए गाजर धास से होने वाले चर्म रोग के विषय में बताया गया। साथ ही उन्होंने गाजर धास की वृद्धि के विषय में बताते हुए कहा कि गाजर घास के बीज में इतनी क्षमता होती है कि वह 5 से 25000 पीधों को बढ़ाने की क्षमता रखता है उन्होंने खत्रों को मार्गदर्शित करते हुए कहा कि हमें किस तरह गाजर घास से स्वयं को स्रकात रखना है। कार्यक्रम के अतिथि गण, विद्यालय परिवार एवं छात्र छात्राओं ने च्याजरघास उन्मूलन जागरूकता कार्यक्रमण रेली निकालकर गाजर घास जागरूकता संदेश सभी दिया।

गाजरघास से होने वाले चर्म रोग से बचने किया सावधान



गाजरधास के वुधाधाव बताते हुए वेज्ञानिक व अन्य अतिथि। = नईदुनिया

करेली (नईदुनिया न्यूज)। नगर के बोएसएल पब्लिक स्कूल में गाजर घास उन्मूलन कार्यशाला की गई। भारतीय कृषि अनुसंघान परिषद खरपतवार अनुसंघान निदेशालय की कार्यशाला में मुख्य अतिथि निर्देशक जेएस मिश्रा, हा पीके सिंह प्रधान वैज्ञानिक, डा. बोके घौघरी वरिष्ठ वैज्ञानिक, डा. योगिता घरडे सोनियर वैज्ञानिक, डा. दीपक पवार वैज्ञानिक, संदोप धगड टेक्निकल ऑफिसर एवं मोगली रमैया वैज्ञानिक मौजूद रहे। कार्यक्रम अध्यक्ष के रूप में राजेंद्र प्रेस परिषद से प्रजीण लुनावत, अनुज ममार एवं विद्यालय प्राचार्य मिथिलेश राजोरिया उपस्थित हुए। कार्यशाला में आहियो विजुअल प्रजिटेशन के माध्यम से गाजर घास से उत्पन समस्याओं के विषय में बताया गया। उसकी रोकथाम के लिए अलग अलग माध्यमों के विषय में जानकारी दी गई। प्रधान वैज्ञानिक

रकूल से छात्र-छात्राओं ने निकाली जागरूकता रैली

हा पीके सिंह ने गाजर धास से होने वाले चर्म रोग के विषय में चताया। साथ ही उन्होंने गाजर घास की बद्धि के क्षिय में बताते हुए कहा कि गाजरधास के बीज में इतनी क्षमता होती है कि वह पांच से 25000 पीधी को चवाने की श्रमता रखता है। उन्होंने छात्रों को बताया कि हमें किस तरह गाजर घास से स्वयं को सुरक्षित रखना है। स्कूल से गाजर उन्मूलन जागरूकता रेखी घास निकाली गई। प्राचार्य मिथिलेश राजोरिया ने सभी कृषि वैज्ञानिकों का आभार व्यक्त किया। गाजर घास उन्मूलन के लिए कृषि संकाय के माध्यम से कार्य करने का आश्वासन दिया। अंत में उन्हें विद्यालय की परंपरा के अनुसार तुलसो का पौधा

पुआर, गेंदा के बीजों से भी होता है गाजर घास का उन्मूलन

आईसीएआर के वैज्ञानिकों ने बताया रोकथाम का तरीका राज

खर्मार्के, जब्बल्यून (एक्टवर्डेक्) । गाजा व्याप्त प्रतान विकास के तरण ही तालिय की विकास कर व्याप्त कर हिए प्रतान के विकास के तालिय की हिए प्रतान के विकास कर व्याप्त के तिया कर विकास के व्याप्त के तिया कर विकास के विकास के विकास के विकास कर विकास कर विकास कर विकास कर विकास कर विकास कर विकास के विकास कर विकास के विकास के विकास के विकास के विकास कर विकास के विकास कर विकास कर विकास कर विकास कर विकास के विकास कर वितास कर विकास कर विकास कर विकास कर विकास कर विकास कर विकास कर विका



श्रामंत्रा का प्राप्तक प्राप्तक स्वाप्तः च पा. स. प्राप्त प्रभाग पेतुर्विका ने तिवादालय से बाले का को सर्वादितित सरते हुए पाना पास से हीने वाले अर्थादित सरते हुए पाना पास से हीने पाले सर्वादित सरते हुए पाना पास से हीने पाले कर्म तेन के विकास में सक्ताप माना ही उन्होंने पातर पास की शृद्धि के विकार में बातते हुए आता कि पातर पास के बोल में हुए की प्रमाण बीली है जिस कर में 25000 पीओं को बहुएने की कुमता पहला है को किया तरह पातम पहल में क्यार्थ को सुर्वीतार रहात्व है पातप्ताकर के राजुलनात हेंचु अपने स्थान करों पराजेशी के राजुलनात हेंचु अपने स्थान करों पराजेशी के

temper us the WHE THEFT पात हमके भीभी की प्राप्त से पीने तिया सीने जब जनत **80.44** revenues was still rankel and Taxon med पाना पाध में स्वाद की सूर्वीकर राजन है। इस ship on Freedfield is report tons mapped sevenice hit fresht og: Pessere undflere sacrand was it forgress in one क्षाकाओं ने एवं विकास्य चरिकर ने तासक पूर्वमा अपनी भागीकारी दिस्कारी सम्बद्धान green in great beliefer trittle and wife harfoul or other new web कुर विद्यालय द्वार आधियात्रक विश्वास की यात्र प्रकार अनुस्तर हेतु कृषि शक्ता की यात्रम प्रकार अनुस्तर हेतु कृषि शक्ता के यात्रम से अर्थ कार्य का तान्त्रकार दिखा तात्र में उन्हें विद्यालय की यात्रम के अनुस्तर कुरती का फैब जेट किया गया, कार्यक्रम के alishs non, finances officer one care smeral it reserves suppost references services with and four.







18 August, 2023

Parthenium awareness programme at Madhya Pradesh Power Management Company Limited (MPPMCL), Jabalpur

ICAR-Directorate of Weed Research, Jabalpur and Madhya Pradesh Power Management Company Limited (MPPMCL), Jabalpur in collaboration conducted a *Parthenium* awareness program in the Central Library at Shakti Bhawan on 18 August, 2023. On this occasion, Chief General Manager, Human Resources and Administration, MPPMCL, Mr. Rajeev Kumar Gupta; Dr. P.K. Singh, Principal Scientist; Dr. Vijay Kumar Choudhary, Senior Scientist, Dr. Deepak Pawar, Scientist and a large number of civil body engineers and personnel of MPPMCLwere present.

In this program, through audio visual presentation, problems arising from *Parthenium* were explained and information was given about different strategies for its management. Dr. P.K. Singh, Principal Scientist, while guiding the personnel present on this occasion, explained about the skin disease caused by *Parthenium*. He explained that *Parthenium* is a serious problem for humans, animals, crops, biodiversity and environment. There is a risk of respiratory and skin related diseases due to this. The most effective solution for effective control of *Parthenium* is use of insect biagents Mexican beetles (*Zygogramma bicolorata*) that help in eradication of *Parthenium* by eating it and drying it up. He said that farmers and other stakeholders can take this insect from the ICAR-DWR, Jabalpur entomology lab and release them in the fields and areas affected by *Parthenium*. He also informed the audience that this insect biagents does not harm any other crop or plant.

On this occasion Mr. Rajeev Kumar Gupta, Chief General Manager, MPPMCL, appreciated the ICAR-DWR's nationwide efforts for creating awareness about this highly invasive weed. He also assured that his organization will take all possible steps for management of *Parthenium*.

On this occasion all the participants were given extension folders containing information about *Parthenium* weed and its management, and two boxes containing around 1000 Mexican beetles for their release in areas nearby their houses affected by *Parthenium*.









A Report on 18th Parthenium Awareness Week-2023

















शनिवार, 19 अगस्त, 2023

शक्ति भवन में गाजरधास नियंत्रण जागरूकता कार्यक्रम

जागरूकता कार्यक्रम आयोजित

गाजरघास नियंत्रण में मेक्सिकन बीटल कीट सर्वाधिक कारगर



रहरेरोफोरस) सनुष्य, पशुजी, इसलों, त्रेष वर्षिपता व पर्यावस्य प्रतिकृति । ता भारत्यका व भारत्यका के भारत्यका के स्थानका कर स्थानका कर स्थानका के स्थानका के स्थानका कर स्थानका कर स्थानका कर स्थानका के स्थानका कर स्था उत्तर तांच्या प्राच्या का अभिविद्याल । महिता (वाद्यावामा आक्रमेतीयोदा) अदि संकार प्राच्या देवा हो । अदेर सुवात कर सारकार देवा है । 'यह सारकार अद्दूरणाचार अनुस्थान तिक्रमात्रम आकारपुर के अभ्या सेव्हर्गाच्या के से दिवस ने प्रस्ते प्राच्या सिनातर्थन क्षाप्य क्षाप्य सिनात्रमात्र के अप्राच्या मित्रात्रमात्र प्रसारपावार अनुस्थान निर्माणात्रमात्र के अपराध्य क्षाप्य क्षाप्य क्षाप्य क्षाप्य क्षाप्य क्षाप्य कार्याच्या के स्थान क्षाप्य क्षाप्य क्षाप्य कार्याच्या क्षाप्य क्षाप्य कार्याच्या कार्याच्या कार्याच्या कार्याच्या क्षाप्य क्षाप्य कार्याच्या कार्याच कार्याच्या कार्याच कार्य रक्षरपत्तवार अनुसर्वनात तात्त्व के वरिष्ठ पेक्षानिक छ। प्रोपनी, पेक्षानिक छ। स्टेनक , विद्युत क्रांपनिकों के रिसीकत एप के अन्तरित्ता च कामीक कारी

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हिस्टेराफोरस) मनुष्य, पशुओं,

फसलॉ जेव व विधना व पर्यावरण

के लिए एक गंभीर समस्या है। यह

मनुष्य के स्वास्थ्य के लिए खतरनाक

है। इससे श्वास व त्वचा संबंधी रोग

होने का खतरा है। गाजरपास के

प्रभावी नियंत्रण में सर्वाध कि कारगर उपाय जैविक विध हिं।

खरपतवार अनुसंधान निदेशालय

(पारचेनियम

मेक्स किन बीटल (जाइमोग्रामा प्रशासन राजीव कुमार गुमा, बाइकोलीराटा) कीट कंवल खरपनवार अनुसंधान निर्देशालय के

गाजरपास को खा कर और सुखा कर पिष्ठ येतानिक डा. योक चौधरी, नष्ट कर देता है।" यह बक्तव्य येजानिक डा. योपक पवार, विद्युत

जनतपुर के प्रधान वैज्ञानिक डा. पी. अब पिता व कमी कि बड़ी संख्या के सिंह ने एमपी पावर मेनेक्सेंट में उपस्थि न थे। गाजरपास कंपनी एवं खरपतथार अनुसंधान जागरूकता समाह के अंतर्गत इस

कंपनी एवं खरपतथार अनुसंधान जागरूकता समाह के अंतर्गत इस निदेशालय भारतीय कृप िकार्यक्रम का आयोजन संयुक्त रूप से

जागसन्त्रना स्ताट के अंतर्गत इस कार्यक्रम का आयोजन संयुक्त रूप

प्राप्त स्वाप करें।

प्राप्त स्वाप करें। प्रमुख्ये भारताप्राप्त कराय के विकास करें।

कर विकास कर सं क्रिया गया था। गाजस्थार केसे पहुची भारत-

शक्तिभवन में गाजरघास नियंत्रण

जागरूकता कार्यक्रम आयोजित

संयुक्त तत्वावधान में शक्त भिवन

रियं त केन्द्रीय ग्रंथालय में

गाजरपास नियंत्रण पर जागरूकता

कार्यक्रम में दिया। इस अवसर पर

एमपी पावर मेनेजमेंट कंपनी के

मुख्य महाप्रबंधक मानव संसाधन व

वैज्ञानिक हा. दोपक पवार, विद्युत

कंपनियों के सिविल निकाय के

अनुसंधान परिषद

4

जवलप्र 18 कोटी, रोम के जीवज्युक्ती क करमानीनार्थी द्वार किया किरावान रावर्थीवीर प्रमाणी दिवाद कर के इस पद्धीत में प्रमाणीका कीटान कीट प्रकारका का रावरावात आहमान कर प्रकारका का रावरावात आहमान कर प्रमाणका की की प्रकारका कर कंकरी भीवादी की प्रकारका कर करमानिका की स्वाप्तानका की

जंगारी भीनाई जीकी श्रीतालकों को स्वाराज्य कर स्वाराज्य कर स्वाराज्य के स्वाराज्य स्वराज्य स्वाराज्य स्वाराज

गाजरधार केसे पहुंची भारत-

खरपतवार अनुसंधान निदेशालय

जवलपुर के प्रधान वेजानिक हा. पी.

के. सिंह ने कहा कि गाजरपास भारत

में सर्वप्रथम वर्ष 1956 में पुणे में देखने को मिली थी लेकिन माना

जाना है कि वर्ष 1958 में इसका प्रवेश

अमेरिका से आयात किए गेह के साथ

हुआ। अल्पकाल में यह पूरे भारत में

प्रकाप की तरह फैल गई। वर्तमान में

गाजरधास भारत के 35 मिलियन

हेक्ट्रेयर भूमि पर फैल चक्री है। डा.

सिंह ने कहा कि गाजरपास के प्रसार

सडक-रेल यातायात, नदी-नाली-

स्थान से दूसरे स्थान तक।

शक्तिभवन में गाजरघास नियंत्रण गाजरधास नियंत्रण में मेक्सिकन बीटल कीट सर्वाधिक कारगर

अवलपुर, एक्सप्रेस (ईएमएस)।

गानसम्बद्धाः (पारवेतियम हिम्देरोफीरम) मनुष्य, पशुओं, फसलों, जैव विविधता व पर्याचरण के लिए एक गंधीर समस्या है। यह मनुख के स्वास्थ्य के लिए खतरनाक है। इसमें श्वांस व त्वचा संबंधी रोग ग्रीने का खलत है। गाजस्थास के प्रभावी नियंत्रण में analytic server repro Missa: विधि है। मेक्सकिन बीटल जाइमीग्रामा आइकोलोगटा) कीट केवल गाजस्पास को खा कर और सुरक्ष कर नष्ट कर देता है।" यह वक्तव्य खरपतवार अनुसंधान निदेशालय जबलपुर के प्रधान वैज्ञानिक हा, पी, के,



क्षपनी खरपतवार अनुसंधान निदेशालय धारतीय THE REAL PROPERTY. अनमधान परिषद w/a तबलपुर के संयुक्त तत्वाकथान if any ofference fixes केन्द्रीय संवालय में गाजस्थास जगरकता कार्यक्रम में दिला। स्था अवस्था कार्मिक बडी संख्या में उपस्थित

संसाधन व प्रशासन राजीव गुमा RESTRICTED BY निदेशालय वरित वैज्ञानिक छ. थीक चीधरी, वैज्ञानिक डा. दीपक पवार, विद्युत कंपनियों के सिवित निकाय के अभयिता व

का आयोजन संयुक्त रूप से किया गया था। गाजरधार कैसे

पहुंची भारत

म्बरपताचर निर्देशालय जवलपुर के प्रधान वैज्ञानिक स. पी. के. सिंह ने कहा कि गाजरपास भारत में सर्वप्रथम वर्ष 1956 में पुणे में देखने को फ़िलों भी लेकिया माना जाता है कि वर्ष 1958 में इसका प्रवेश अमेरिका से आगात किए गए गेह के साथ हुआ। अल्पकाल में यह पूरे भारत में प्रकोप की तरह फैल गई। वर्तमान में गाजरणस भारत के 35 मिलियन तेवटेयर धूमि पर एमपी पावर मैने जमेंट कंपनी थे। गाजरपास जागरूकता पर फैल चुकी है।

सात दिवसीय गाजरघास जागरूकता कार्यक्रम २०२३ आयोजित

गाजरधास के उन्मूलन करने में मेक्सिकन बीटल है कारगर उपाय

🥦 पनागर के छात्र-छाताओं को गाजस्थास के प्रति किया गया जागरूक

जबलाह के कुलाति हो उत्तरेष कुका रिक् भी प्रेरण से राष्ट्रीय कृषि उत्तर तिका परियोजन (पारि) और बोटालाय विका इस उत्तर के सामकीय कार सार्वाकाल एवं सामग्रीत क्षांच प्रस्तात कार्यात विद्यालय ने प्रकासक (स्वीत्रात) प्रस्ता ware over it sirely arrigo तर्व को गुक्तानाम के द्वार गानक जीवन । शत्कान का गड़ने काले गुक्रमान और दर निर्माण प्रकृत के को में जनकारत के स करात के उनमें की जनकरी उदार कर es per direr all art, ik, fee, says अनवाक तरा के जारतान में इत बारामका वार्तक्रम में विश्वक विशेष्ट्रों के राज्यावा (क्वींच्या) के तीर करी कार्त इस इसके क्यांचे का माध्यक रिटर औ इसके निर्देश के नावशीक पार्ची की बाह्य क्यांचे क्यांचे विशेष कर के ही. एक की ्यं शक्तेत् हें आत्र साथे हें पुरित कर्कड़े अर्थित रहेका एवं जोति कुरुवात का विशेष साथेत रहे, पाजावत



ताता (कारता पांचावार को पुरुष्ता पर कार आहे और विश्ववार कोटल (इस्ट्रेनेशावार पांचाकोरा): को पेड़िक एवं वार्च इस वंदर्भ और पींचा के पांचा के प्राच रोड़ गर्थ: पैड़िक्यों ने पर भी पांचा की विषक विर्त्ति या विश्वों को प्रकार का साहत्य to plines you of ope 8, no or or

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शक्तिभवन में गाजनधास नियंत्रण जागरूकता कार्यक्रम आयोजित

गाजरघास नियंत्रण में मेक्सकिन बीटल कीट सर्वाधिक कारगर

(का नेरियम हिन्देरीकोराः) क्षम् काुंग्रे क्यारी तेव विविध्यत व वर्णकात के तिल च फेलाब ऑत सुक्ष्म बीजों के द्वारा एक गंबीर समस्य है , यह प्रमुख के स्थानक के जिल्हें स्थानक है । इससे ब्रीम व नाज संबंधी होता है। अत्यंत सुक्ष्म, हरूके और पंखदार तीने से गाजरधास के बीज tim shift we report it a treatment is worth freien if auffen सिवाई के पानी के माध्यम से एक atter para dilam feed? A taurian alter ('explose epulishtiet) ulte une प्रतापम की खा कर और मुख कर पर कर देश है।" या जहान क्षरप्रदेश अनुसंधार विशेषात्रक सम्मातः के प्रथम वैज्ञानिक सः थेः के विश्व वे एवर्थ प्रथम विश्वविद्य प्रथमे एवं स्थापनका अनुसंदम निर्देशात्रक नातीय बृधि जागोजन परिष्ट जवानुस के जेपूछ तान्यव्यत्त वे जाब जीवायक तिथा केन्द्रीय प्रजास्य के तालपात निर्देश weeker arrive of दिया हम अवस्था का करने कार विरामीट करने के पूछा

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खरणावा अनुसंता विरोतातः । १९६६ में उसका प्रवेश अमेरिका के बांत्र वीवतिक के तीक के अपका विकार गर्ग मूर्व काल पीपति, वीवतिक क्र. तीक हुआ। आगवश्रम में प्रमुध सात्र पत्रप, विद्युत कोर्पायों के में प्रकार की तत्र पीपत्र विविधा विकार के अस्थित के जीवार में गालावा स्थार के write wit visus it private वे । गानावस वात्रकत स्ताह के अंतरेत इक कार्यक्रम का अर्थकर संपूर्व कर से किक

70 01 marier \$5 whit was खानका अनुवंश विदेशाल प्रकार अनुवंश विदेशाल प्रकार के प्रका विद्रापक स से. के. तिर में क्या कि प्रकारक प्रका में सर्वप्रक स्व 1056 में पूर्व में देखते को पितते. वो लेकिन करा जात है कि वर्ष

35 मिलियन डेक्टेसर चूचि पा फिल पूजी हैं/बारामाद उस क यारी से पांजाबाद के बीज का

क्षे से कारणा के बीज का शेत है फैलाव- हा जिस ने बता fix reservoir in page or filters वर्ति प्रश्न केरों के द्वार होत है। अगरेत प्रश्न तरफ और पंजार होते के राजायक के बीव प्रदेश ील पातवात, वर्त-कर्त विकास के कर्त के समझ से एक स्थार से पूर्त स्थान तक आवारी से पहुँच कर्त हैं।

unfulle punt offer-करणावार अनुसंबंधा निर्माणाव कब्दाला के प्रधान वैक्षालिक छ। ये. के. जिसे में कहा गाजावाक की करूर कर कर राम से राजाद कर राजापर की नदार से रिपोक्षित किया का सकता है रोकिन कीरों, रांग के जीवागुओं a wonderd got face feeling सर्वाचीक प्रकार विद्यु हुआ है। इस पहुलि में नेकारिका बोटल क्षेत्र पाताचार का तालात

वे मृता महाप्रशंक एवंक कृतर तुम रे बड़ा कि एक्टबर वारताबात करवेक विद्या fire a verda dint il sersa untun station fare बार्ग र्वकान से समझ भागात और निक्र के उसक ga areas to spread ब्रमुक्तिया विशेषात्त्व की पातत्त्वक का केट्टिन विश्व का प्रार्थन किया गया वस Special revision di servicate क्रानंत्रम में उपनिद्धाः विद्याः क्रान्तिकों ने राजापात को अग्रपात स इसके विद्या के arave ut pi in ut be रेक्ट्रा कार्गीओं की राज्यक के अवले रिगंडर के रिग है। व्यक्ति विप्तिम जंगले चीलां वेशी प्रतिनानी कलपीतां भी प्रतापम भी

त्रवंति सबित हुन पात्रकत सर्वेत्रम-पात्र वेरेकटि संपर्व

गाजरघास नियंत्रण में मेक्सिकन बीटल कीट कारगर

धीसं,जबलपुर। गानस्थास (हिस्टेरोफोरस) मनुष्य, पशुओं, फसलीं, विविधता व पर्यावरण के लिए एक गंधीर समस्या है। यह मनुष्य के स्वास्थ्य के लिए स्थतरमाक है। इससे ज्वांस व त्वचा संबंधी रोग होने का खतरा है। मेक्सिकन बीटल कीट केवल गाजरधास की बाटल काट कवल पानारभास का खा कर और सूखा कर नष्ट कर देता है। यह वक्तव्य खरपतवार अनुसंधान निर्देशालय के प्रधान वैज्ञानिक डॉ. पीके सिंह ने एमयी



पावर मैनेजमेंट कंपनी एवं पावर मनजमट कपना एव खरपतवार अनुसंधान निदेशालय भारतीय कृषि अनुसंधान परिषद जयलपुर के संयुक्त तत्वावधान में शुक्रवार की शक्ति भवन स्थित केन्द्रीय संधालय में राजस्थास

नियंत्रण पर जागरूकता कार्यक्रम में दिया। कार्वक्रम के दौरान उपस्थित विद्युत कमियी गाजरधास के प्रभावी नियंत्रण के लिए मेक्सिकन बीटल कीट वितरित किए गए। इस अवसर पर विवारित किए गए। इस अध्यार पर एमणी पावर मैनजमेंट कंपनी के मुख्य महाप्रकारक सानव संसाधन क प्रशासन राजीव कुमार गुला, इर्ड. सीके चौचरी, इर्ड. दीपक पवार, विद्युत कंपनियों के विधिक्त निकार के अभियोता व कमी उपस्थित थे।





19 August, 2023

Online webinar / Farmers' session on "Parthenium: Problems and Solutions"

The ICAR-DWR, Jabalpur, in collaboration with 'Krishak Jagat, Bhopal' organized an online webinar/Farmers' session on 19 August 2023.On this occasion Dr. J. S. Mishra, Director, ICAR-DWR, Jabalpur; Dr. P.K. Singh, Principal Scientist; Dr. Vijay Chaudhary, Senior Scientist, Dr. Deepak Pawar, Scientist participated as keynote speakers.

In this farmer session, through audio visual presentation, Dr. J. S. Mishra informed the audience about problems arising from Parthenium and different ways for its management. He also talked about skin diseases and other health hazards caused by *Parthenium*. He also guided the participant farmers on how to protect themselves from *Parthenium*.

Addressing the farmers in the program, Dr. P.K. Singh told that *Parthenium* is an aggressive and poisonous weed which is harmful for crops as well as humans. He said that this weed is now being seen thriving in fallow lands, forest ranges, rail lines and along the roadsides. Apart from this, this weed is now affecting our paddy, wheat, gram, lentils, and vegetables crops.

He emphasized on urgent need of farmer to unite and make efforts to eradicate *Parthenium* from their own fields from family level, village level, development block level and at the national level. He further informed the audience that farmers can also get insect bioagents named Mexican Beetle from the entomology lab of the ICAR-DWR, Jabalpur and release them in the fields for its efficient management by this biological control strategy. Further, he added that this insect does not harm any other crop or humans and other animals in any manner.

Dr. Vijay Kumar Choudhary, while answering the queries of the participant farmers, gave them detailed information about the compost making procedure from *Parthenium* and appealed to the farmers to visit the ICAR-Directorate of Weed Research, Jabalpur anytime and get free training on making compost from *Parthenium*. Dr. Deepak Pawar told that farmers must always wear gloves in their hands while removing *Parthenium* from their fields and later bury it in a deep pit, and to wash hands thoroughly with soap. He also added that this children and sensitive people should stay away from *Parthenium* because it is can cause itching, asthma, allergy or other skin related diseases in them.

During this online webinar, around 150 farmers from across the country joined the session and asked scientists queries about *Parthenium* and other weeds invading their farms and got solutions to their questions.









21 August, 2023

Parthenium awareness programme organized at Mangalayatan University, Jabalpur

The ICAR-Directorate of Weed Research, Jabalpur organized *Parthenium* awareness programme at Mangalyatan University, Jabalpur on 21 August 2023. On this occasion, Dr. J.S. Mishra Director, Directorate of Weed Research; Dr. A. K. Mishra, Vice Chancellor, Mangalayatan University; Dr. P.K. Singh, Principal Scientist; Dr. V.K. Choudhary, Senior Scientist; Dr. Deepak Pawar, Scientist; Mr. M.K. Meena, Technical Officer were present. In this workshop organized in the university, through audio visual presentation, problems arising from Parthenium were explained and information was given about different ways for its management. Dr. J.S. Mishra, Director, ICAR-DWR, Jabalpur informed the gathering about various health hazards and skin diseases caused by *Parthenium* weed. He explained the students about the ways to protect themselves from *Parthenium*. He also emphasized on the urgent need to take participatory approaches in integrated manner to tackle this ever-growing alien invasive weed menace.

Dr. P.K. Singh, Principal Scientist told on this occasion that *Parthenium* is a serious problem for humans, animals, crops, biodiversity and environment. There is a risk of respiratory and skin related diseases due to this. He told that use of biological control method using Mexican beetles (*Zygogramma bicolorata*) in an integrated manner with other methods can be a viable approach for *Parthenium* management. He said that farmer can take this insect from the Directorate of Weed Research, Jabalpur and release it in the fields and areas affected by *Parthenium*. He emphasized on urgent need of farmer to unite and make efforts to eradicate *Parthenium* from their own fields from family level, village level, development block level and at the national level.

On this occasion the students were given extension folders containing information about *Parthenium* weed and its management. Students and teachers also carried out *Parthenium* uprooting and release of Mexican beetles in the University campus. Disposable gloves were provided to the participants for uprooting the *Parthenium*. After this the students, teachers and invited dignitaries carried out a '*Parthenium* awareness rally' in University surroundings with banners and posters provided to them.









A Report on 18th Parthenium Awareness Week-2023



















राज एक्सप्रेस



गाजर घास के प्रति जागरुक करना जरूरी: डॉ. मिश्र



गाजर घास उन्मूलन के लिए जागरुक करते वैज्ञानिक।

जबलपुर (आरएनएन)। गाजर घास से होने वाले नुकसान से बचने की विधियों और गाजर घास जैसे खरपतवार से कम्पोस्ट एवं वर्मी कम्पोस्ट बनाकर युवाओं को रोजगार के अवसर उपलब्ध कराने की मुहिम प्रशंसनीय है। इसमें हर स्तर पर जनभागीदारी आवश्यक है, ताकि परे देश से इस आक्रमक खरपतवार को प्रबंधित किया 🗪 जा सके और जैव विविधता को बचाया जा सके।

ये विचार ले. जरनल (सेनि) डॉ. एके मिश्र कलपति, मंगलायतन युनिवसिटी ने खरपतवार अनुसंधान निदेशालय द्वारा आयोजित गाजर धास जागरकता सप्ताह समापन कार्यक्रम में मुख्य अतिथि के रूप में व्यक्त किए। कार्यक्रम के राष्ट्रीय संयोजक डॉ. पीके सिंह ने बताया कि यह कार्यक्रम 713 कृषि विज्ञान केन्द्रों, भारतीय कृषि अनुसंधान परिषद के सभी संस्थानों, कृषि यूनिवसिटीज के माध्यम से परे देशभर में मनाया गया। इस मौके पर एमयू के डी. एकं तिवारी (डीन कृषि), महिला एवं पुरुष कषकों तथा निदेशालय के डॉ. केके बर्मन, डॉ. पीके मुखर्जी, डॉ. वी.के चौधरी, चेतन सीआर, डॉ. हिमांशु व समस्त अधिकारी, कर्मचारी बड़ी संख्या में उपस्थित रहे।

गाउरपान जागरूकता सताइ का समापन

गाजरघास के द्रप्रभावों के प्रति जागरूकता आवश्यक : डॉ. मिश्र

umen it 22 word \$ देवव वहांत जार पा विभिन्न राजों के स्कृती पांचे तब विभन्न संस्कृती वे जानस्कृत bit garage DRIEGIE CHICAGO. प्रश्नेत् ज्यान्त्रमः विकास संस्थे जाताः त्रीक कोते व of gra tra farme opin and gra बिन गाः इसे के एक से कुछ une à seu faveur soupéu THEFT sange. charge race day & the que arrer à que sur **SEPREM** -



ste s 12 program is good to remove accommarrow is forme do feet in विश्वास्त्रे र कार तिरक्षः ते अपना (मेरि) चीएके विश्व रहे हमाओं एवं अनुसंख्या के सरकटर को रहे एवं वाजरणास न gorde, districted ficin gir सेने कले नकसार से कराई की

कुरातका से कारोबर तह करें कारोबर करका पूराओं की रेजमा के जवना राजाक करने की मुस्ति की प्रशंत करने हुए करा factorial as one or present of

निवासे (प्रेन कृषि) संस्कृतन विकिथ क्याना वे त्यस्तिक सकी की अन्यस्त किन्तु कि से उपने उपा पास के सेव से कन ufrent wit und mein mere di कारणाता से पूजा करते का सा संबंध प्रथम कोर्गालामध्य के त्रकृति वार्गातक तर्ग के शिल प्रधान केतारिक ने क्यांच कि

s were retree de fo विकास के तिए एक संबंध कुता है। यह कर्राक्रम 715 क्षेत्र विकास केन्द्रे, प्रशास कृषि अवस्थान प्रतिषद् के सार्वे संस्कृत कृषि क्रिक्टिक्स्मान के प्रत्या से प्र राज्य में समाच करा

क्षाओं तथ तिराज्ञाता वे वी के कार्य प्रचार केवरिक ही के के नार्थ प्रभाव ने तरिवास ही पर के कुछा में प्रभाव ने तरिवास ही की के पीमार्ग स्थाप में तरिवास पोता भी आएं ही जिलामू त प्रभाव अधिकारों, कार्यपारी करते tion à refret tès areas का बन्दानार भी दोगक पतार हार

नजर सब पर

गाजरघास के दुष्प्रभावों के प्रति आमजन को जागरूक करना जरूरी : डॉ. मिश्र



निवंशालय, जबलपुर के तत्वाधान में 16 से 22 अगस्त के दौरान राष्ट्रीय स्तर पर विभिन्न राज्यों के स्कृती, गांबी तथा विभिन्न संस्थानी में जागरूकता प्रोग्राम, रेली, गाजरवास को उखाइना, चित्र चित्रव व्यास्त्र्यान, वेजिनार, वर्गामी, वक्षाप, जीविक कीटी की छोड़ना एवं वितरण आदि कार्यक्रम विजय गए।

इसी के साथ ही कृषक जगत के साथ मिलकर मध्यप्रदेश, वितार, उत्तरप्रदेश, राजस्थान, छत्तीसगढ़ के किसानी से अनिलाइन लाइब संबाद के साथ प्रोग्राम किये गये।

ले जराजन (से जि.) जो ए के प्रिक मुलपति, मंगलायतन वि.वि द्वारा निदेषालय के मार्गदर्शन में चलाये जा रहे जागरूकता अभियान एवं गाजरपास के नियंत्रण हेतु किए जा रहे प्रयासी एवं अनुसंधानी की सराहना की गई कार्यक्रम में महिला एवं पुरुष क्षकों तथा निदेषालय के दों के के वर्मन, प्रधान वैज्ञानिक, दों पी के मुखजी, प्रधान वैज्ञानिक, दों वो के बोधरी, वरिष्ठ वैज्ञानिक, :41 चेतन सी आर, डॉ. हिमांशू व समस्त अधिकारी व कमंचारी वडी संख्या उपस्थित रहे। कार्यक्रम संचालन हो दीपक पवार द्वारा किया गया।

22 August, 2023

Dial-out conference program

The ICAR-Directorate of Weed Research, Jabalpur in collaboration with Reliance Foundation organized a dial out conference program with about 150 farmers of Jabalpur Mandla and Balaghat through mobile on 22 August, 2023. The program was organized under the Digital Farming School run by Reliance Foundation. In which Dr. P.K. Singh, Principal Scientist, Dr. Vijay Choudhary, Senior scientist, Dr. Deepak Pawar, Scientist from ICAR-DWR, Jabalpur and Dr. R.L. Raut from Krishi Vigyan Kendra, Balaghat: Dr. Nitin Singh from Krishi Vigyan Kendra, Jabalpur and Dr. R.P. Ahirwar from Krishi Vigyan Kendra, Mandala were present.

Addressing the farmers in the program, Dr. P.K. Singh said that Parthenium is an aggressive and poisonous weed which is harmful for crops as well as humans. It is seen in the fallow lands and along the roadsides. Apart from this, this weed is now evading the fields





of paddy, wheat, gram, lentils and vegetable crops. He emphasized on urgent need of farmer to unite and make efforts to eradicate *Parthenium* from their own fields from family level, village level, development block level and at the national level. He further informed the audience that farmers can also get insect bioagents named Mexican Beetle from the entomology lab of the ICAR-DWR, Jabalpur and release them in the fields for its efficient management by this biological control strategy. Further, he added that this insect does not harm any other crop or humans and other animals in any manner.

Dr. Vijay Kumar Choudhary, Senior Scientist, while answering the queries of the farmers, explained to them in detail about the procedure of compost making from *Parthenium* and appealed to the farmers to visit the ICAR- Directorate of Weed Research, Jabalpur anytime and get free information and training on making compost from *Parthenium*. Dr. Deepak Pawartold that farmers must wear gloves in their hands while removing *Parthenium* from the fields and later bury it in a deep pit, do other work only after washing hands thoroughly with soap.

During the program, farmers from Jabalpur, Mandla and Balaghat asked the scientists questions about *Parthenium* and other crops and got solutions to their questions.









2.2 ANDHRA PRADESH

ICAR-Indian Institute of Oilpalm Research, Pedavegi

In the state of Andhra Pradesh, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Indian Institute of Oilpalm Research, Pedavegi. The following different activities were organized during the awareness week.

16th August, 2023

 Display of material: Posters and Banners on Parthenium weed and its ill effects on human, animal and crop health were displayed in front of Office Main entrance to create Awareness among general public and office Staff as well as visitors.

17th August, 2023

 Cleaning of experimental blocks: Parthenium plants present in experimental blocks in the office premises were uprooted and collected and transported to composting units for to making compost. A total of 20 people participated in this acticvity.

18th August, 2023

 Awareness creation: Awareness about Parthenium weed was created among the staff members and residents of residential quarters in Palm Vihar, by explaining the skin problems that are caused by this weed. Parthenium plants present in Main Campus and Staff Quarters Premises were uprooted under 'Swachh Bharat Abhiyan'. A total of 35 members participated including residents of quarters.

21st August, 2023

Parthenium weed uprooting at Experimental fields: On 21st August, 2023, participants of a training programme on "Oil palm production technology" organized at ICAR-Indian Institute of Oilpalm Research, Pedavegi participated in this mass drive of cleaning experimental blocks and creating awareness on Parthenium. A total of 80 participants were involved in this activity. The participants were also made aware about the Parthenium weed and its management using various strategies.

22nd August, 2023

• Uprooting Parthenium by brush cutters to make Parthenium free campus:

As per the appeal from the Director General-ICAR and Secretary-DARE, to make the campus 'Parthenium-free' an uprooting programme was organized in the ICAR-Indian Institute of Oilpalm Research, Pedavegi. Brush cutters were used to clean surroundings of the experimental fields and other areas of the campus.





A Report on 18th Parthenium Awareness Week-2023











2.3 ASSAM

In the state of Assam, 'Parthenium Awareness Week-2023' was celebrated by the Krishi Vigyan Kendra, Kamrup.

Krishi Vigyan Kendra, Kamrup

A week long awareness programme on *Parthenium* was organized by KVK, Kamrup during the period 16th August to 22nd August, 2023 covering 8 villages of the district. During the programmes thorough discussion was made covering different negative aspects of *Parthenium*. During the programmes, various issues like occurrence, seed dormancy, mode of transmission, impact on human and animal health, control measures were covered. During the last day of the awareness week, demonstration on chemical control of *Parthenium* was imparted to farmers of Jamtola, Gariakoth and Agchia village of rangia block in collaboration with Ghogajan Bamboo FPC of Gariakoth village. In context to above, furnished herewith different activities undertaken during the week by KVK, Kamrup.







Details of activities during Parthenium week conducted by KVK, Kamrup

SI. No.	Date	Activity	No. of participants	Location	Leader
1	16.08.2023	Partheniun awareness	27	No. 2 Bagta	Dr Parag Saikia, SMS (Fisheries)
2	17.08.2023	Partheniun awareness	21	Assam State Rural Livelihood Mission Office, Boko	Rizwanul Helim, SMS (Agronomy)
3	17.08.2023	Partheniun awareness	20	V.I.P., Azara	Madhusmita Deka, PA, Community Sc.
4	18.08.2023	Partheniun awareness	36	Haropara	Dr. Ilakshy Deka, SMS (Animal Sc.)
5	19.08.2023	Partheniun awareness	25	Joji	Dr Rituparna Saikia, SMS (Soil Sc.) & Dr. Ilakshy Deka, SMS (Animal Sc.)
6	20.08.2023	Partheniun awareness	30	Balisatra	Dr. Ilakshy Deka, SMS (Animal Sc.)
7	21.08.2023	Partheniun awareness	18	Jamtola	Dr. Dorodi Priyom Duarah, SMS (Horticulture)
8	22.08.2023	Partheniun awareness & Demonstration on chemical control in National Highway, Rangia	20	Gariakoth	Rizwanul Helim, SMS (Agronomy) &Dr. Dorodi Priyom Duarah, SMS (Horticulture)



ামৰূপৰ ২৭৩ কৃতী শিক্ষাৰ্থীৰ আইআইটি ভ্ৰমণ

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A Report on 18th Parthenium Awareness Week-2023











2.4 BIHAR

In the state of Bihar, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Research Complex for Eastern Region, Patna; ICAR-Mahatma Gandhi Integrated Farming Research Institute, Motihari; Krishi Vigyan Kendra, Jehanabad; Krishi Vigyan Kendra, Gram Nirman Mandal, Nawada and Krishi Vigyan Kendra, Begusarai.

ICAR-Research Complex for Eastern Region, Patna

Parthenium hysterophorus, locally called carrot weed, gajar ghas or congress grass has been considered one of the most problematic alien invasive weeds, which is posing a serious threat to human beings and livestock besides deteriorating environment and causing loss of crop productivity and biodiversity. Presently, 35 mha of land in India has been infested with Parthenium. The increase of Parthenium infestation is alarming. This weed has been considered as one of the greatest sources of dermatitis, asthma, nasal-dermal and nasal-bronchial types of diseases. In view of the seriousness and magnitude of the threat posed by this weed, ICAR Research Complex for Eastern Region, Patna has organized "18"







Parthenium Awareness Week" from 16-22 August, 2023 by involving Regional Centre and Krishi Vigyan Kendras (KVKs) to make farmers and general public aware about the menace of Parthenium and its management strategies. A wide range of activities were conducted to spread maximum awareness among staff members, farm and campus workers. On the eve of "18" Parthenium Awareness Week", a brain storming session had been arranged, in which the scientific and technical staffs of the Institute actively participated and suggested ways to manage it. The Director of the Institute, Dr. Anup Das stressed on the public awareness and community approach to manage this problematic weed. An integrated weed management programme, built on biological and cultural weed management could be the most effective management method for Parthenium. The bio-agents such as use of Mexican beetles (Zygogramma bicolorata) and competitive plants such as Cassia spp. or fodder crops can be combined to reduce the menace of this weed. In this programme, Dr. Sonaka Ghosh, Scientist, Division of Land and Water Management delivered a lecture on "Strategies for Parthenium hysterophorus L. Management". Also, an activity on Parthenium uprooting programme had been arranged. All the staff members of the institute actively participated in Parthenium eradication drive by removing the weeds present the Institute premises. The Institute campus and Farm area are approaching to achieve Parthenium free campus. The programme was coordinated by Dr. Rakesh Kumar, Senior Scientist, Division of Crop Research; Dr. Shivani, Principal Scientist, Division of Land and Water Management; and Dr. Sonaka Ghosh, Scientist, Division of Land and Water Management.





























ICAR-Mahatma Gandhi Integrated Farming Research Institute, Motihari

Following the guidance of the esteemed Director General-ICAR and Secretary-DARE, Government of India, coordination by the Director, ICAR-Directorate of Weed Research, Jabalpur, and under the directive of the institute's director, a Swachha Bharat Abhiyan event was organized on August 16, 2023. Approximately 20 persons including Scientists, Young Professionals (YPs), and contractual staff actively engaged in an awareness programme aimed at eliminating Parthenium from the institute's premises. A total area of approx 1078 square meters was successfully cleared of *Parthenium* infestation. The participants displayed great enthusiasm, and all staff members now comprehensively aware of the significance of parthenium eradication.

















Krishi Vigyan Kendra, Jehanabad

Krishi Vigyan Kendra, Jehanabad organized 18th *Parthenium* Awareness week from 16 to 22 August 2023. In this programme uprooting of *Parthenium* from KVK Campus as well farmers field at villages of Korma, Gandhar Math, Bandhuganj has been carried out in mass level, *Parthenium* awareness camp conducted at Charwaha school Gitua Bigha, Herbicides spray has been done at village Korma. Collected *Parthenium* put into composting pit at KVK. In this awareness week farmers, students and KVK staff took active participation in the various programmes organized during the Parthenium awareness week.



















Krishi Vigyan Kendra, Gram Nirman Mandal, Nawada

The '18th Parthenium Awareness week' was organized from 16 - 22nd August, 2023 by the Krishi Vigyan Kendra, Gram Nirman Mandal, Nawada at different places of Krishi Vigyan Kendra campus and outskirt area. During the Parthenium Awareness week, different awareness cum training programmes were organized; in which KVK officials, RAWE trainees, school students and farmers actively participated. Total 167 participants were dictated & trained about the effective way of management of Parthenium weeds to mitigate the adverse effect on environment, plant bio-diversity and human & animal health. Dr. Ranjan Kumar Singh, Senior Scientist & Head,and Dr. Dhananjay Kumar, Subject Matter Specialist, Animal Science lead the awareness campaign; all the staff of KVK, Nawada took active participation in all the activities conducted duting the '18th Parthenium Awareness week'.









The list of various activities carried out daywise by Krishi Vigyan Kendra, Gram Nirman Mandal, Nawada during the '18th *Parthenium* Awareness week'

SI. No.	Date	Venue	Activity	Participants	No. of participants
01	16.08.2023	Rajendra Bhavan, KVK campus	Awareness cum-training programme organized on integrated management of Parthenium weed	Farmers and KVK officials	24
02	17.08.2023	IFS site, KVK office	Cleaning and preparation of NADEP compost of Parthenium plants	KVK officials	12
03	18.08.2023	Rajendra Bhavan, KVK campus	 Awareness-cum-training programme on bio-pesticide management of Parthenium Roguing of Parthenium weed. Discussion on adverse effects of Parthenium weed on human and animal health. 	RAWE students and KVK officials	33
04	19.08.2023	Rajendra Bhavan, IFS site and KVK campus	 Awareness programme on adverse effects of Parthenium on the environment. Roguing of Parthenium weed. 	KVK officials and RAWE students	20
05	20.08.2023	Kisan bhawan, KVK campus	Awareness programme organized on preparation of organic manure using Parthenium plants and on adverse effects of Parthenium on environment and animal and human health.	KVK officials and RAWE students	15
06	22.08.2023	Shishu Gyan Niketan School, Sokhodeora, Kawakol	Awareness-cum-training programme on Integrated Management of Parthenium.	KVK officials; school students and teachers	63
Total Number of Participants					167

























केवीके में गाजर घास जागरूकता सप्ताह का किया गया उद्घाटन

 किसानों को गाजर धास के प्रति किया जा रहा जागरुक

रहा जागुरुक्क
क्षेत्राच्छीलान्नान्यात्तर्भवावदाला
। कृषि विद्यान केंद्र, प्राप्त निर्माण
केंद्रक सलीदन आक्षय सीखेदिका
ते तलाव्याच्यान केंद्र के 22 अगस्स तक्ष्म सलीदन आक्षय सीखेदिका
तक्ष्म साम्राद्ध उप्यूक्त तामकात्र साम्राद्ध उप्यूक्त त्राप्त मान्य तक्ष्म क्ष्म क्ष्म क्ष्म केंद्र के वैज्ञानिक डां घनन्यत्र कृष्म केंद्र काला कि आन्यत्र क्ष्म केंद्र काला क्ष्म क्ष्म क्ष्म क्ष्म क्ष्म केंद्र काला कि आन्यत्र प्राप्त के प्रति नामकात्र किया पहले गान्य प्राप्त कालाव्य कि प्रदेश गान्य प्राप्त कालाव्य कालाव्य क्षम क्ष्म कालाव्य केंद्र केंद्र कालाव्य कि प्रदेश गान्य प्राप्त कालाव्य कि पहले गान्य प्राप्त कालाव्य कि पहले गान्य प्राप्त कालाव्य क्षम क्ष्म केंद्र कालाव्य केंद्र केंद्र कालाव्य लगी है। यह अब केवल फाएलों है। यह अब केवल फाएलों के लिए भी गंभी स्विक्त मंत्रूचने एवं जानवरों के लिए भी गंभीर समस्या अब वह है। इसके गीके में एक जिस्सा कर है। इसके गीके में एक जिस्सा के बारण इसके संपर्क में उन्हों अब प्रमुख्य में एक जी, बार, खुजली एवं अन्त कर्जा है। वर्षों अहा में विकास इसकी अवस्था है। वर्षों अहा में पात्र अस्या में एक जी, बार, में पात्र अस्या में एक जी में पात्र अस्या है। इसकी अखिरक 20 पात्र स्था नामक के पीत्र स्था जा सकता है। इसकी अखिरक है भी तम्र स्थावनों के जिड़ानवर्ष में भी तम्र कियों जा मकता है। मीके पर केवलों के के जीवलिक अंगद कुम्मर मंत्र में प्राप्त अस्य दुम्मर मंत्र में स्थानवर्ष के जीवलिक अंगद कुम्मर मंत्र में प्राप्त में कि इसकी अस्त हम्मर मंत्र में प्राप्त में स्था मार्ग में मार्ग मार्ग में मार्ग में मार्ग म











Krishi Vigyan Kendra, Begusarai

Parthenium awareness week was organized from 16 to 22 August, 2023 at KVK, Begusarai. The KVK, Begusarai organized parthenium awareness week among school students, farmers, common people from Meghaul, Khodawandpur and Mushahri villages, by conducting training programmes, parthenium uprooting programme at school premises, roadside of villages and at KVK campus. KVK staff created awareness about ill effects of parthenium on crop productivity, human and livestock health. Also suggested means to control the spread of parthenium by uprooting the plants before flowering stage and chemical control was also suggested. Utilization of parthenium for compost preparation was also suggested to farmers.













2.5 DELHI

In the state of Delhi, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-National Bureau of Plant Genetic Resources, New Delhi and ICAR-National Institute for Plant Biotechnology, New Delhi.

ICAR-National Bureau of Plant Genetic Resources, New Delhi

The Parthenium Awareness Programme was organized on 16th August, 2023 at ICAR-National Bureau of Plant Genetic Resources (NBPGR), New Delhi under Parthenium Awareness Week (16-22 August 2023). In this program Dr. V. Celia Chalam, Head and Dr. Mool Chand Singh, Principal Scientist (Weed Science), Division of Plant Quarantine, ICAR-NBPGR briefed about its introduction, characteristics and ill effects. Dr. GP Singh, Director, ICAR-NBPGR, while addressing the staff told that Parthenium has become one of the rampant weeds throughout the globe causing enormous damage to agricultural productivity, human and animal health and biodiversity. In India, it has assumed serious proportions in the cropped and non-cropped lands, city dwellings, rail roadsides and also in institutional areas spoiling the aesthetic, recreational and utility value of the surroundings. Management of this obnoxious weed requires collective and continuous efforts through awareness and adoption of integrated approach. Subsequently Dr. GP Singh lead the entire staff of the institute to participate in this activity of uprooting live Parthenium plants as a component of "Swatchh Bharat Abhiyan" to ensure a "Parthenium-free campus. The ICAR-NBPGR, New Delhi is now a "Parthenium-free campus". The entire program of removing Parthenium plants from campus was coordinated by Dr. V. Celia Chalam and Dr. Mool Chand Singh from Division of Plant Quarantine.















ICAR-National Institute for Plant Biotechnology, New Delhi

Like previous years, this year also 'Parthenium Awareness Week' was successfully organized by the institute under "Swachh Bharat Abhiyan". Proper eradication of this dangerous and invasive weed is the only way to avoid its adverse effects.

- 1. During this time, all the employees and officers were informed about the adverse effects of this weed.
- 2. This weed was completely uprooted from the research area of the institute.





2.6 GUJARAT

In the state of Gujarat, 'Parthenium Awareness Week-2023' was celebrated by the AICRP on Weed Management, AAU, Anand; Krishi Vigyan Kendra, Navsari and Krishi Vigyan Kendra, Surat.

AIRCP-WM, AAU Anand

The '18th Parthenium Awareness Week' was observed by AICRP on Weed Management, AAU, Anand during 16-22 August, 2023 in collaboration with SSK, AAU, Anand, Krishi Vigyan Kendra, AAU, Devataj, B. A. College of Agriculture, AAU, Anand, Sheth M C Polytechnic in Agril, AAU, Anand, Krishi Vigyan Kendra, AAU, Dahod, ATMA project, Anand District Education Training Centre and Polytechnic in Agril. Engineering, Dahod. In the programme, awareness about harmful effect of Parthenium on agriculture, animal health and human being among the staff members, school teachers, students and farmers was given by delivering lecture on biology of Parthenium, its dissemination and management by cultural, mechanical, chemical and biological methods. Awareness about menace of Parthenium to the society was also displayed by documentary film on Parthenium and distributed the literature on Parthenium management.







The list of various activities carried out daywise by AIRCP-WM, AAU Anand during the '18th Parthenium Awareness week'.

SI.	Date	Collboration	Name of Activity	No. of participants
01	17/08/2023	SSK, AAU, Anand	Lecture on Parthnieum and its managment	42
02	18/08/2023	Krishi Vigyan Kendra, AAU, Devataj	Lecture on Parthnieum and its managment	25
03	18-08-2023	M&APRS, AAU, Anand	Lecture on Parthnieum and its managment	35
04	18/08/2023	SSK, AAU, Anand	Lecture on Parthnieum and its managment	58
05	19/08/2023	Sheth M. C. Polytechnic in Agriculture, AAU, Anand	Lecture on Parthnieum and its managment	89
06	19/08/2023		Lecture on Parthnieum and its managment	27
07	21/08/2023	Krishi Vigyan Kendra and Polytechnic in Agril. Engineering, Dahod	Lecture on Parthnieum and its managment	83
08	21/08/2023	Anand District Education training centre, Anand	Lecture on Parthnieum and its managment	47
09	21/08/2023	Pansora village	Lecture on Parthnieum and its managment	29
10	22-08-2023	B. A. College of Agriculture, AAU, Anand	Lecture on Parthnieum and its managment	110
11	22-08-2023	Haripura village, Gandhinagar	Lecture on Parthnieum and its managment	40
12	22-08-2023	M. M. High school Sojitra	Lecture on Parthnieum and its managment	105
13	23-08-2023	ATMA Project, Umreth	Lecture on Parthnieum and its managment	61
14	23-08-2023	ATMA Project, Borsad	Lecture on Parthnieum and its managment	48
15	23-08-2023	Anand District Education training centre, Anand	Lecture on Parthnieum and its managment	52
Total Number of Participants				

Date: 17 August, 2023

Place: SSK, AAU, Anand

An awareness programme on *Parthenium* and its management was organized in collaboration with SSK, AAU, Anand. Shree D. D. Chaudhari, Agronomist & PI, AICRP-WM gave technical guidance regarding harmful effect of *Parthenium* to humans and animals. Dr. V. J. Patel, Professor and Head, Department of Agronomy AAU, Anand appealed the farmers for eradication of *Parthenium* from their premises by making regular habit to uproot this harmful plant. On this occasion *Parthenium* and its Management folder was also distributed.











Date: 18 August, 2023

Place: Krishi Vigyan Kendra, Devataj, AAU, Anand

An awareness programme on *Parthenium* and its management was organized in collaboration with Krishi Vigyan Kendra, Devataj, AAU, Anand. All the farm staff and farm laboures made effort to clean farm and office premises by pulling out the *Parthenium*. Shree D. D. Chaudhari, Agronomist & PI, AICRP-WM also gave technical guidance about adverse health effect of Parthenium to humans and animals and management strategy of *Parthenium* from crop and non crop area. Dr. Y. C. Lakum, Sr. Scientist & Head, Krishi Vigyan Kendra, Devataj, AAU, Anand appealed the farmers for eradication of *Parthenium* from their premises by making regular habit to uproot this harmful plant. *Parthenium* is an important host of the mealybugs, so *Parthenium* managementis essential to prevent the spread of mealybugs. On this occasion, documentary film on integrated management of *Parthenium* displayed to the farmers and literature on *Parthenium* management was distributed.











Place: ATIC, AAU, Anand

Parthenium Awareness Week programme was successfully organized at ATIC, AAU, Anand for farmers during training programme on medicinal and aromatic plant cultivation. Shri D. D. Chaudhari, Agronomist & PI, AICRP on Weed Management delivered talks on different aspects of Parthenium and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management as well as for preparation of compost. Documentary film on Parthenium and its management was displayed.





Place: SSK, AAU, Anand

Parthenium Awareness Programme was successfully organized at SSK, AAU Anand for the farmers of Rajkot district in collaboration with SSK, AAU, Anand. Dr. V. J. Patel, Professor & Head, Department of Agronomy, delivered talks on different aspects of Parthenium and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from crop and non crop area and preparation of compost. Literature on the Parthenium and its management was distributed.











19 August, 2023

Place: Sheth M. C. Polytechnic in Agriculture, AAU, Anand

An awareness programme on *Parthenium* and its management was organized at Polytechnic in Agriculture, AAU, Anand. Shree D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered lectures on *Parthenium* and explained its origin, life cycle and control measures, also described the alternative use of this weed to make valuable compost and harmful effect of *Parthenium* on human beings and animals. Further, he informed about competitive replacement of *Parthenium* by species like *Cassia tora* and marigold.

Dr. V. J. Patel, Principal, Sheth M. C. Polytechnic in Agriculture, AAU, Anand stressed to keep the college premises free from *Parthenium* by making regular habit to uproot this harmful plant whenever they noticed it before flowering stage so that we can reduce the seed bank. More than 89 students and staff members of Polytechnic in Agriculture, Anand were remained present in the programme. The folder on *Parthenium* and its management was distributed at the function and posters on *Parthenium* awareness were put on the College notice board.





Place: AICRP-WM Farm, AAU, Anand

An awareness programme on *Parthenium* and its management was organized at AICRP-WM farm, Anand for farmers during training programme. Shree D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered lectures on origin, life cycle, harmful effect on human beings and animals by *Parthenium*. He described alternative use of this weed to make compost and informed about mechanical, cultural, chemical and biological control measures of *Parthenium*.











Date: 21 August, 2023

Place: Krishi Vigyan Kendra and Polytechnic in Agril. Engineering, Dahod

An awareness programme on *Parthenium* and its management was organized in collaboration with Krishi Vigyan Kendra and Polytechnic in Agril. Engineering, Dahod. All staff and laboures, farmers and students were participated to clean their farm and office premises by pulling out *Parthenium*. Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM also gave technical guidance to eradicate *Parthenium*. Dr. R. G. Machhar, Assoc. Res. Scientist, ARS Dahod, Dr. H. L Kacha, Sr. Scientist and Head, KVK Dahod, Dr. Sachin S. Chinchorkar, Principal, Polytechnic in Agril. Engineering, Dahod appealed to the farmers and students for eradication of *Parthenium* from their premises by making regular habit to uproot this harmful plant. Dr. R. G. Machhar, Assoc. Res. Scientist ARS, Dahod provided brief information about adverse health effect of *Parthenium* to humans and animals. On this occasion, short video film on integrated management of *Parthenium* was also shown and literature on *Parthenium* management distributed. Then uprooting of the *Parthenium* from surrounding area of Krishi Vigyan Kendra and Polytechnic in Agril. Engineering, Dahod was carried out.











Place: Agricultural Museum, AAU, Anand

Parthenium Awareness Programme was successfully organized at SSK, AAU Anand for the teachers of the Anand district in collaboration with SSK, AAU, Anand. Dr. V. J. Patel, Professor & Head, Department of Agronomy, delivered talks on different aspects of Parthenium and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from their school premises. Also appealed to all the teachers to create the awareness of ill effect of Parthenium among their students and also convey the message to the parents and farmers in the village where they perform the duty as a teacher. Literature on the Parthenium and its management was distributed.





Place: Pansora Village, Dist: Anand

Parthenium Awareness Programme was successfully organized at Pansora village, Anand in collaboration with Krishi Vigyan Kendra, AAU, Devataj at farmer's field. Dr. V. J. Patel, Professor & Head, Department of Agronomy, delivered talks on different aspects of Parthenium viz., itsorigin, life cycle, harmful effect on human beings and animals and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from crop and non crop area and preparation of compost.













22 August, 2023

Place: Exam hall, B. A. College of Agriculture, AAU, Anand

Parthenium Awareness Programme was successfully organized for the 7th semester students of B. Sc. (Hons.) Agriculture at Exam hall, B. A. College of Agriculture, AAU, Anand. In this programme, Dr. Y. M. Shukla, Principal & Dean, B. A. College of Agriculture remained present and appeal for the eradication of Parthenium from the college premises and hostels to save environment. In this occasion, a special lecture on Parthenium and its management was organized in which Dr. V. J. Patel, Professor & Head, Department of Agronomy and Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of Parthenium and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management as well as for preparation of compost. Documentary film on Parthenium and its management was displayed.





Place: AICRP-WM Farm, AAU, Anand

Parthenium Awareness Week programme was successfully organized for the farmers of the Haripura village of Gandhinagar District at AICRP-WM Farm. Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of Parthenium and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management as well as for preparation of compost.











Place: M. M. High school, Sojitra, Dist: Anand

Parthenium Awareness Week programme was organized for the students of 9th standard at M. M. High school, Sojitra. Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of *Parthenium viz.*, itsorigin, life cycle, harmful effect on human beings and animals and its management. It was stressed that *Parthenium* should be uprooted before flowering stage for effective management from their school premises with using protective wears.





Place: College Agronomy farm, AAU, Anand

Parthenium Awareness Week programme was organized for the farmers in the collaboration with ATMA project, Umreth. Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of Parthenium viz., itsorigin, life cycle, harmful effect on human beings and animals and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from crop and non crop area and preparation of compost.











23 August, 2023

Place: College Agronomy farm, AAU, Anand

Parthenium Awareness Week programme was organized for the farmers in the collaboration with ATMA project, Borsad. Dr. V. J. Patel, Professor & Head, Department of Agronomy, and Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of Parthenium viz., itsorigin, life cycle, harmful effect on human beings and animals and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from crop and non crop area and preparation of compost.





Place: Agricultural Museum, AAU, Anand

Parthenium Awareness Programme was successfully organized at SSK, AAU Anand for the teachers of the Anand district in collaboration with SSK, AAU, Anand. Dr. V. J. Patel, Professor & Head, Department of Agronomy, and Shri D. D. Chaudhari, Agronomist & PI, AICRP-WM delivered talks on different aspects of Parthenium viz., itsorigin, life cycle, harmful effect on human beings and animals and its management. It was stressed that Parthenium should be uprooted before flowering stage for effective management from crop and non crop area and preparation of compost. On this occasion, documentary film on integrated management of Parthenium displayed to the teachers and literature on Parthenium management was distributed.



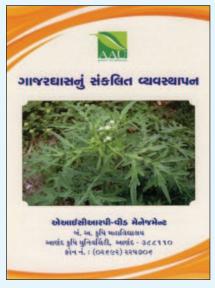




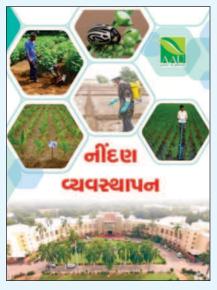




Literature distributed duringn Parthenium Awareness Week programme 2023







Weed management

Krishi Vigyan Kendra, Navsari

Krishi Vigyan Kendra, Navsari Agricultural University, Navsari celebrated the Parthenium Awareness Week during 16th to 22nd August, 2023 at different villages in order to impart the knowledge about the identification, its growth habits and harmful effect of Parthenium on crops, soil, humankind and animals. Farmer were also made aware about its controls measures including biological control and its use for making compost. KVK, Navsari campus was also made parthenium-free during this week.

The list of various activities carried out daywise by Krishi Vigyan Kendra, Navsari during the '18th Parthenium Awareness week'.

Sr.No.	Date	Village	Programm/Activity	No. of participants
1	17/08/23	KVK campus	Eradication and removal of parthenium for KVK Campus	18
2	18/08/23	Bhinar	Identification of Parthenium and it harmful effect on crops	13
3	19/08/23	Kharoli	Identification of Parthenium and it harmful effect on crops	18
4	22/08/23	Kangvai	Identification of Parthenium and it harmful effect on crops	26
5	17/08/23	KVK campus	Eradication and removal of <i>parthenium</i> for KVK Campus	29
			Total number of participants	86











Date: 17-08-2023





Date: 18-08-2023





Date: 19-08-2023





Date: 22-08-2023







Krishi Vigyan Kendra, Surat

Parthenium Awareness Week-2023 was celebrated by KVK, Surat during 16/08/2023 to 22/08/2023. During this week, many programmes were organizedat different places regarding parthenium awareness. Two Mahila Gosthi's were organized on 17.08.2023 & 18.08.23 in Adajan area (Surat City). Total 62 & 46 female kitchen gardeners participated in the programme. Prof. B. B. Panchal, Scientist (Horticulture) delivered speech on all the aspects of creating awareness about noxious parthenium weed. She also highlighted hazardous effects on human being and on the control of so called alien weed.





Parthenium awareness by Prof. B. B. Panchal, Scientist (Horticulture), KVK, Surat at U.D.C Hall, Adajan village, Surat on 17.08.23





Parthenium awareness to Kitchen gardeners by Prof. B. B. Panchal, Scientist (Horticulture), KVK, Surat at Adajan village, Surat on 18.08.23







Third programme was organized at Sheth Dhanjisha Rustamji Umarigar Memorial School, Umra (Surat) on 19.08.2023. After introductory remark by Dr. J. H. Rathod (Senior Scientist & Head), Prof. Trivedi, Scientist (Agronomy) delivered lecture on Awareness of Noxious –parthenium weed and its effect on human, animal health and crop bio-diversity. A rally of school children for the awareness regarding parthenium was also organized at the School Campus. Total 150 students & 4 teachers participated in this programme.





Fourth programme was organized at Village: Gondaliya (Umarpada) on 20.08.2023. Prof. B.B. Panchal, Scientist (Horticulture), KVK, Surat delivered speech on awareness about parthenium weed. She narrated hazardous effects of parthenium on crop production, human beings and animals & how it can be controlled by cultural means & chemically. Total 30 farmers participated in the programme.











In fifth programme, KVK Scientist Prof. S. J. Trivedi, KVK, Surat created awareness of parthenium among students of Bachelor & Master of Rural Studies having rural background with power point presentation. Dr. D. B. Bhoye, Head, Dept. of Rural Studies, Dr. Dipeshbhai Jha, Asstt. Professor & Prof. Nimavat, VNSGU, Surat remained present during the programme. Prof. Trivedi explained adverse effect of parthenium on crop, animal and human beings and whole eco-system. Prof. Trivedi described Parthenium as a problematic weed on earth, as it has profuse seed production & very fast seed dispersal. Crop production specialist Prof. Trivedi also demonstrated the Students with the "Compost making from the hazardous weed Parthenium." Mr. Abhinav Patel—SMS-Agro-meteorology helped a lot for the success of the programme. In this programme, 62 students of Bachelor & Masters of Rural Studies and 3 faculties from VNSGU remained present. At the end Prof. Dipeshbhai Jha, Asstt. Professor, VNSGU thanked the Prof. Trivedi & Mr. Abhinav Patel for delivering such a useful lecture on awareness programme for their Students.





Sixth programme was organized at Navnirman Uttar Buniyadi School, Bhimrad (Surat) on 22.08.2023. After introductory remark by Dr. J. H. Rathod (Senior Scientist & Head), Prof. Trivedi, Scientist (Agronomy) delivered lecture on Awareness of Parthenium an alien weed. How it arrived in India? And how speedily spread in India? Its effects on crop production, productivity, human health (including skin disorders), animals (quality & quantity of milk production) and bio-diversity. Total 230 students & 5 teachers participated in this programme.











In fifth programme, KVK Scientist Prof. S. J. Trivedi, KVK, Surat created awareness of parthenium among students of Bachelor & Master of Rural Studies having rural background with power point presentation. Dr. D. B. Bhoye, Head, Dept. of Rural Studies, Dr. Dipeshbhai Jha, Asstt. Professor & Prof. Nimavat, VNSGU, Surat remained present during the programme. Prof. Trivedi explained adverse effect of parthenium on crop, animal and human beings and whole eco-system. Prof. Trivedi described Parthenium as a problematic weed on earth, as it has profuse seed production & very fast seed dispersal. Crop production specialist Prof. Trivedi also demonstrated the Students with the "Compost making from the hazardous weed Parthenium." Mr. Abhinav Patel—SMS-Agro-meteorology helped a lot for the success of the programme. In this programme, 62 students of Bachelor & Masters of Rural Studies and 3 faculties from VNSGU remained present. At the end Prof. Dipeshbhai Jha, Asstt. Professor, VNSGU thanked the Prof. Trivedi & Mr. Abhinav Patel for delivering such a useful lecture on awareness programme for their Students.

2.7 HARYANA

In the state of Haryana, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Central Soil Salinity Research Institute, Karnal and Krishi Vigyan Kendra, Faridabad.

ICAR-Central Soil Salinity Research Institute, Karnal

The ICAR-CSSRI, Karnal organised the parthenium awareness week during 16-22 August 2023. During this week, all the staff of ICAR-CSSRI was made aware about the identification, problems caused by parthenium weed and its management practices. A parthenium uprooting and eradication drive involving all permanent and contractual staff of the Institute was also organised on 16th August 2023. The parthenium growing along the field bunds, campus buildings and pond was uprooted and carried to composting pit for decomposition and compost making.

The parthenium awareness was also created at Govt. high School, Kalampura, Karnal on 21st August 2023. All the students and teachers were made aware of parthenium weed, its harmful effects to land, crop, human and animals through a presentation. After this, the parthenium elimination was done in the school campus through uprooting and spray of glyphosate herbicide. These activities were coordinated by the team of Dr. Kailash Prajapat, Scientist, Agronomy; Dr. Suresh Kumar, scientist, Agri. Economics and Sh. Ganesh Patel, Farm Manager under the guidance and supervision of the Director, ICAR-CSSRI, Karnal.

















कलामपुरा स्कूल में गाजर घास पर जागकता कार्यक्रम

करनाल, (जगमार्ग न्यूज)। केंद्रीय मृदा लवणता अनुसंधान करनाल द्वारा राजकीय उच्च विद्यालय कलामपुरा में गाजर धास जागरूकता अभियान एवं कृषि शिक्षा में रोजगार के

अवसर पर कार्यक्रम आयोजित किया गया। कार्यक्रम में गाजर धास की पहचान, वातावरण एवं मानव स्वास्थ्य पर होने वाले प्रभाव तथा इसके अन्मूलन के लिए यात्रिक, रासायनिक एवं



जैविक विधियों पर विस्तार से चर्चा की गई। डॉ. कैलाश प्रजापित ने बताया कि गाजर घास एक खरपतवार है, जो कि रेलवे लाइन के आसपास, घरों के आसपास व खाली जमीन में 37 जाती है। गाजर घास के संपाठ में आने से त्वा में एनजी व अन्य चर्म रोग हो जाते हैं। संस्थान के वैज्ञानिक डॉ सुरेश कुमार ने विद्यार्थियों को कृषि क्षेत्र में शिक्षा एव रोजगार के अवसरों पर विस्तृत जानकारी दी। संस्था की और से स्कूल को एक स्प्रे मशीन भेट की गई। मौके पर डॉ. अनिल कुमार, प्रधान वैज्ञानिक गणेश पटेल सक्ति विद्यालय के शिक्षक व विद्यार्थी मौजूद रहे।











Krishi Vigyan Kendra, Faridabad

Parthenium Awareness Week-2023 was celebrated by Krishi Vigyan Kendra, Faridabadduring 16/08/2023 to 22/08/2023. During this week, many programmes were organized at different places regarding parthenium awareness and its management.









2.8 HIMACHAL PRADESH

In the state of Himachal Pradesh, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Directorate of Mushroom Research, Solan; AICRP-WM, CSKHP Krishi Vishvavidyalaya, Palampur; Hill Agricultural Research and Extension Centre, Daulakuan Kuan; Rice and Wheat Research Centre, Malan; Krishi Vigyan Kendra, Kangra; Krishi Vigyan Kendra, Bara; Krishi Vigyan Kendra, Una; Krishi Vigyan Kendra, Sirmour and Krishi Vigyan Kendra, Mandi.

ICAR-Directorate of Mushroom Research, Solan

The Parthenium Awareness Week- 2023 was observed at ICAR-Directorate of Mushroom Research, Chambaghat, Solan (H.P.). During this week all the staff members of







the Directorate were made aware about the ill effects of obnoxious weed-Parthenium which is very harmful for human health, environment, productivity of the soil and quality of the milk if fed to the milching animals. The plants having deep roots are found growing in almost all the places on the roadside, railway track, grasslands and areas which are not under cultivation up to mid hills having white coloured flowers. The plant introduced to India during 1955 is having very small seeds (5,000-25,000/ plant) having no dormancy, may spread by wind, water, animals, moving vehicles and agricultural implements from place to place. The pollens present in the flowers are allergic and create irritation on the skin of persons working in the areas where it is growing.

The posters sent by ICAR-Directorate of Weed Research, Jabalpur were displayed in ICAR-DMR, Solan for the information of all the staff members and visitors. All the staff members of the Directorate were taken to the fields in the campus and a programme for the eradication of very harmful weed was carried out. The parthenium growing in Mushroom Vihar, the residential complex of the Directorate, was also uprooted and disposed-off so that the residents do not have any harmful effects. In the campus, the plants of the parthenium were uprooted and disposed-off so that the seeds are not dispersed and there is no menace of this weed in the next year. All the staff including contractual workers were requested to remove the plants of this weed wheresoever they see it. Further, they were also requested to create awareness in their villages so that parthenium is eradicated completely in the coming years. It will not only help to solve the health problems in human beings and animals but also maintain the productivity of the soil along with good yield. On the concluding day of parthenium awareness week, Dr V.P. Sharma, Director, ICAR-DMR, Solan called upon all the staff members to work together to eradicate harmful weed from the office premises and make the campus parthenium free. Dr B.L.Attri, Principal Scientist, co-ordinated the programme from 16-22 Aug., 2023 at ICAR-DMR, Solan.















AICRP-WM, CSKHP Krishi Vishvavidyalaya, Palampur

On the occasion of launching of Parthenium Awareness week by ICAR, Directorate of Weed Research Jabalpur MP, Weed Scientists of the Department of Agronomy moved ahead to organize different awareness activities regarding the menace of this weed, its management and uses. The activities of 18th Parthenium Awareness Week during 2023 by the AICRP-WM centre Palampur were initiated first at village Kandwari where farmers were apprised by lecture series and practical demonstration on Parthenium to 22 farmers. Consequently the programmes were organized at village Dugni and Malag with the involvement of local Farmers representatives. Complete Training on Parthenium management to 31 farmers (menand women) at Dugni and 22 farmers at Malag village of District Kangra was provided. In Department of Agronomy students were apprised by lecture series and showing them films on Parthenium. After that about 17 activities were organized by the scientists of the Department of Agronomy, and different Research stations and KVKs of the university. The participants were given practical demonstrations on its control by cultural, physical, mechanical, biological and chemical means. The farmers were made abreast about the health hazards andthe environmental impacts the weed is causing. Its uses and control including preventive, physical, chemical and biological methods were discussed in detail. The farmers were advised to take care of the weed on campaign basis with integrated means as no single method is effective in eradicating Parthenium. Among the physical methods uprooting in the morning and evening hours in the rainy season is the effective mean. But in dense patches of

intensive growth of the *Parthenium* plant it is better to first cut the thick stand with sword and then remove by uprooting. However, the impact of the heavy sword itself doesn't left the stubble of the weed intact. But in a stony land one has to remove the roots after cutting. The physical and chemical methods were demonstrated finally. On 22 August 2023 the last programme was organized at Village Bharoon where 19 farmers participated in







theprogramme. Dr S.S. Rana educated the farmers about *Parthenium* troubles and management.

The list of various activities carried out daywise by AICRP-WM, CSKHP Krishi Vishvavidyalaya, Palampurduring the '18th Parthenium Awareness week'.

Sr.No.	Date	Village	Programm/Activity	No. of participants
1	16/08/2023	Kandwari	Lecture and practical demonstration	22
2	17/08/2023	Dugni	Lecture and practical demonstration	32
3	18/08/2023	Malag B.Sc. (Agril)	Lecture and practical demonstration	18
4	19/08/2023	M.Sc. (Agril)	Lecture and practical demonstration	22
5	21/08/2023	Ph.D. (Agril)	Lecture and practical demonstration	09
6	22/08/2023	Bharoon	Lecture and practical demonstration	19
			Total number of participants	158







































पालमपुर। प्रदेश कृषि विश्वविद्यालय द्वारा आर्थानित गाजर पान कारकार ता कारकार का हुआ। जागरकार गाजर पान कारकार के देशन पालगुर के निकटवर्ती गांव कडवाड़ी, डूगनी, मालग, रानी सिद्धपुर में ग्रामीणों को गांव प्रावचन को लेकर उपयोगी जानकारी प्रदान की गई। सरय विश्वान दिवान दिवान देशान वैज्ञानिक डा. सुरेंद्र सिंह राणा ने बताया कि इस कार्यक्रम में ग्रामीणों स्वाय आतकोत्तर विद्यार्थियों को भी गाजर पार को वैज्ञानिक तरिक वे श्रीय से संकर उसकी खाद बनाने के बारे में उपयोगी जानकारी प्रयान भी गई। उन्होंने बता सुख्यालय के निकटवर्ती गांवों में 125 किसानी और सी विद्यार्थियों के साथ निविधियों का आर्योजन किया गया।

गाजर घास से खाद बनाने की विधि वताई



पालमपुर में कार्यक्रम के समापन पर आयोजकों के साथ लीग 🌲 जागरण

पालमपुर : कृषि विश्वविद्यालय पालमपुर की ओर से आयोजित गाजर घास जागरूकता सप्ताह का समापन मंगलवार को हुआ। सप्ताह के दौरान कडबाड़ी, डुगनी, मालग, रानी सिद्धपुर में ग्रामीणा को गाजर घास उन्मूलन के लिए जागरूक किया गया। सस्य विज्ञान विभाग के प्रधान विज्ञानी डा. रारेंद्र सिंह राणा ने बताया कि कार्यक्रम में ग्रामीणी के साथ रनातकोत्तर विद्याविधी को भी माजर घास को हटा कर उसकी खाद बनाने के बारे में बताया गया। कार्यक्रम में विश्विचालय के कृषि बिज्ञान केंद्री और शोध केंद्रों में भी कई गांतांविध्य को आयोजित किया गया। 125 किसानी और 100 विद्यार्थियों के स 17 गतिविधियों करवाई। (संस)

गाजर घास जागरूकता सप्ताह संपन्न



गाजर घास बारे जागरूकता शिविर में भाग लेते हुए किसान।

सवेरा न्यूज/जसवंत कठियाल पालमपुर: वीघरी सरवन कुमार हिमाचल प्रदेश कृषि विश्वविद्यालय द्वारा गाजर घास जागरूकता सप्ताह का समापन मंगलवार को हुआ। जागरूकता स्प्ताह के दौरान पालमपुर के निकटवर्ती गांव कडबाड़ी. कुमार स्थार अन्यूलन को लेकर उपयोगी जानकारी प्रदान की गई। सस्य विज्ञान विभाग के प्रधान यैज्ञानिक डॉ. सुरेंद्र सिंह राणा ने बताया कि इस कार्यक्रम में ग्रामीणों के साथ स्नातकोत्तर विद्यार्थियों को भी गाजर घास को वैज्ञानिक तरीके से भूमि से हटा कर उसकी खाद बनाने के बारे में अपयोगी जानकारी प्रदान की गई। उन्होंने बताया कि एक सप्ताह तक वले इस कार्यक्रम में विश्वयद्यालय के कृषि विज्ञान केंद्रों और शोध केंद्रों में भी कई गतिविध्यों को आयोजित किया गया। उन्होंने बताया मुख्यालय के निकटवर्ती गांवी है। उन्होंने बताया मुख्यालय के निकटवर्ती गांवी हो। यो 125 किसानों और सी विधार्थियों के साथ 17 गतिविध्यों को निकटवर्ती गांवी में



ग्रामीणों को बताया खरपतवार नियंत्रण

पालमपुर, 22 अगस्त (भृग्): कृषि विश्वविद्यालय द्वारा गाजर घास जागरूकता समाह का समापन मंगलवारको हुआ। आगरूकता समाह के दौरान पालमपुर के निकटवर्ती गांच केडबाडी, डुगनी, मालग, रानी सिद्धपुर में सामीणों को गाजर घास उन्स्लान को लेकर उपयोगी जानकारी प्रदान की गई।

शस्य विज्ञान विभाग के प्रधान

वैज्ञानिक हा. मुद्द सिह राणाने बताया कि इस कार्यक्रम में ग्रामीणों के साथ खातकोत्तर विद्यार्थियों को भी गाजर धास को बैज्ञानिक तरीक से भूमि से हटा कर उसकी खाद बनाने के बारे में उपयोगी जानकारी प्रदान की गई। एक सप्ताह तक चले कार्यक्रम में विश्वविद्यालय के कृषि विज्ञान केंद्रों और शोध केंद्रों में भी कई गतिविधियों आयोजित की गई।









Hill Agricultural Research and Extension Centre, Daulakuan Kuan

The Hill Agricultural Research and Extension Centre, Daulakuan Kuan organized the Parthenium Awareness Week-2023during 16-22 August 2023 bymaking the the staff and farmers of near by villages aware about Parthenium bycampaigns to clean the campus and farm area by uprooting the *Parthenium*.



















Rice and Wheat Research Centre, Malan

Parthenium Awareness Week-2023 was celebrated by Rice and Wheat Research Centre, Malanduring 16/08/2023 to 22/08/2023. During this week, various programmes were organized at different places regarding parthenium awareness and its management.









Krishi Vigyan Kendra, Kangra

Krishi Vigyan Kendra, Kangra, Himachal Pradesh organized series of awareness programme as a part of the '18th Parthenium awareness week' from 16th - 22nd August, 2023 in different places of Kangra district, KVK farm and surrounding villages.











Krishi Vigyan Kendra, Bara

Krishi Vigyan Kendra, Bara celebrated the 'Parthenium Awareness Week' during 16th to 22nd August, 2023 at different villages in order to impart the knowledge about the identification, its growth habits and harmful effect of Parthenium on crops, soil, humankind and animals. Farmer were also made aware about its controls measures including biological control and its use for making compost. KVK, Bara campus was also made'parthenium-free' during this week.





Krishi Vigyan Kendra, Una

Krishi Vigyan Kendra, Una at Rampur Himachal Pradesh organized series of awareness programme as a part of "Parthenium awareness week" from 16th – 22nd August, 2023 indifferent places of Una district - KVK, farm (16-08-2023), Busal Village of Block Bangana (17-08-2023), Lalhri Village of Block Haroli (18.08.2023), Ghaluwal village of Block Una (19-08-2023), KVK farm and Roadhead (21-08-2023), Thana Khas and Majher Village of Block Bangana (22.08.2023) etc. In these programmes, awareness on ill effects of congressgrass both on agriculture, horticulture crops and on human and animal health werehighlighted. Need for eradication of the wide spread weed in farm lands, public places, uncultivable lands were clearly explained to the participants highlighting the increasingrespiratory, skin and ophthalmic allergies to humans, effects on major organs in livestock. Compost preparation with Parthenium and biological control of Parthenium also were explained. Dr Yogita Sharma Programme Coordinator, Dr. Meenakshi SMS (Agronomy), DrSanjay Kumar Sharma Extension Specialist (Entomologist), Dr Deepali Extension Specialist (Animal Sciences) acted as resource persons for these events. A total of 76 farmers attended the awareness programmes.





























Krishi Vigyan Kendra, Sirmour

Krishi Vigyan Kendra, Sirmour organized series of awareness programme as a part of the '18th Parthenium awareness week' from 16th – 22nd August, 2023 in different places of Sirmour, KVK farm and surrounding villages.KVK Staff actively participated in the awareness campaign of Parthenium Eradication at Dhaulakuan, Kolar, Uttamwala, Tanlog and Bohlionand nearby Panchayats of KVKDhaulakuan.Farmers were made aware of this weed, control measures and side effects during day to dayprogrammes of KVK.KVK scientists made efforts for the eradication of this weed in residential area, dairy unit, campus, parks, office premises and demonstration farms, etc.Villagers were made aware of the Parthenium, effects and control measures, chemicals, biological and manual removal.



















Krishi Vigyan Kendra, Mandi

'Parthenium Awareness week' with effect from 16-22 August 2023 was organized by KVK Mandi at KVK farm centre and nearby villages - Shegli and Sherad to aware and motivates farmers /farm women about management and eradication of the obnoxious weed. Activities carried out during this week were Uprooting of Parthenium (at KVK campus, farm and surroundings and at village level). All KVK staff actively participated in the campaign. Awareness on "Parthenium Management" was donethrough lectures, exhibition and group messages on thetopics: integrated management of Parthenium, Preparation of Compost from Parthenium, Biological control of Parthenium and precautionary measurement taken during eradication of grass. They were motivated to eradicate and clean their vicinity from Parthenium at community level to save the enormous damage to agricultural productivity, human & animal health and also use Parthenium as a source of compost.







Uprooting of Parthenium at KVK Vicinity









Exhibition of literature at KVK



Uprooting of Parthenium at KVK Farm



Uprooting of Parthenium at KVK Farm



Uprooting of Parthenium at KVK Farm



Awareness Programme at Village Shegli



Awareness Program at adopted NICRA Village









2.9 JHARKHAND

In the state of Jharkhand, 'Parthenium Awareness Week-2023' was celebrated by the Birsa Agricultural University, Ranchi and Krishi Vigyan Kendra, Godda.

Birsa Agricultural University, Ranchi

The 'Parthenium Awareness Programme 2023' was organized in Birsa Agricultural University, Ranchi from 16-22 August 2021. During these days various activities were conducted. The programme was organized with the faculties, staffs and students of Agriculture by making them aware about hazards of Parthenium and cleaning programme of *Parthenium* also carried on. Dean Dr. R.P. Singh Ratan and Ex Director Extension Education, B.A.U. took keen interest for organizing the programme.

A one day programme with higher secondary school students of Bethesda school, Ranchi was organized. Around 300 persons including students, teachers, staffs, plant protection staffs, officers were participated in this programme. Students enthusiastically agreed to make their residential area Parthenium free. After awareness programme about hazards of Parthenium uprooting programme of *Parthenium* also carried out.





A programme under 'Parthenium Awareness programme' was also organized with collaboration of Plant Protection Department, Ranchi at Angara block office, Ranchi. Officials, Staffs, B.D.O., Pramukh, Mukhitas of different panchayat, JSLPS staffs, Krishak mitra and village level workers were acquainted about hazards of Parthenium and also promised to make their area Parthenium free. Parthenium uprooting programme also carried on there after.











पार्थेनियम (गाजर घास) उन्मूलन पर जागरूकता अभियान का आयोजन



पार्थेनियम उन्मूलन पर जागरूकता अभियान का किया गया आयोजन

रांची, 25 अगस्त : बीएयु के शस्य विभाग एवं पीधा संस्थाण विभाग, झारखंड सरकार के संयुक्त तत्वावधान में गुरुवार को बेथेसदा बालिका उच्च विद्यालय, शंची में पार्थेनियम (गाजर धास) के उन्मूलन पर जागरूकता अभिवास कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में विद्यालय के शिक्षकरण के साथ करीब 300 छात्राओं ने भाग तिया। मौके पर शस्य वैज्ञानिक डॉ शीला बारला ने बताया कि हुबहू गाजर घास जैसी दीखने वाली पार्धेनियम पौध एक प्रकार का खरणसंबार है। पार्वेनियम विस्टोफोर जिसे आम भाषा में कांग्रेस घास, गाजर घास, चटक चांदनी और कड़वी

से खाली स्थानों, बेकार पड़ी भूमियों, औद्योगिक क्षेत्रों सड़क के किनारों, रेलबे लाइनों आदि पर पाई जाती है। इसका प्रकोप फसलों जैसे धान, न्वार, मक्का, शोबाबीन, मटर, तिल, अरण्डी, गन्ना, बाजरा मुंगफली, सब्जियों एवं उद्यान फसलों में भी देखा आ संकता है। इस खरपतवार से फसलों की पैदावार में लगभग 40 प्रतिशत तक को कमी हो जाती है। इस खरपतवार के सम्पर्क में आने से मनुष्य की डरमेटाइंटिस एल्जिमा, एलजी, बुखार, दमा जैसी रांधीर रोग ही जाती हैं। इसके खाने स पशुओं में अनेक प्रकार के रोग उत्पन्न हो जाते हैं और दुधारू पशुओं के दुग्ध में कड़वाहट एवं गंध आने लगती है।

बीएयु : पार्थेनियम (गाजर घास) उन्मूलन पर जागरूकता अभियान का आयोजन



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खरपतवार उन्मूलन जागरूकता कार्यक्रम आयोजित



संब्री । विश्वत पूर्णि विराजीवद्यालय के सम्बर्ग विद्यान विश्वास एवं द्वारस्कृत server is that strain figure is कर्तिश्वर (काल क्रम) उन्हारन जानरकता कार्यक्रम का जार्याजन किया एकः विद्यापियाँ एवं शिक्षकों को सानव, पशु एवं पर्यावरण के स्वावस्था पर पार्थितका के

कृतिगार्थ से अवसर कराय गया। हर्गक साम ही आसपास के क्षेत्र में सामृतिक रूप से उन्होतन कार्यक्रम same our soffees is feelige के रिका सरकार के पीन्छ सरकार विभाग की अनुवार्त में रसावारों का विश्वकार किन्या तका कार्यकार से foren gife foreflegere all ege-unur fullres ef elter were, geregit serure all dro strum verforant units spreak

Farmers in femalt, untolt alle ातकार 300 व्हांताओं ने कर रिस्ता। भीरत् द्वारा विकार 21 अगस्त की क्रांताकेंद्र राज पुण्यिकीरों में औ का रिकार्थ कृषि प्रशार विशेषक वर्ष आरथे रिकेट राज्य स्तरित राज्य सुरिवर्गिक्षेत्र के रिकार्यों, विवार्गिक्षे और बीरान् के खार-पानकर विशेषक

बीएयू की वैज्ञानिक ने विद्यार्थियों को बताए गाजर घास के नुकसान

राया, व प्रकोण की राक्ष्माम के लिए विरस्त कृषि विकि के शस्त्व विभाग च पीता संरक्षण विभाग, शारखंड सरकार की और से संपूजन रूप से विश्वविद्यालयों व स्कूलों में आगरकत अभियान चलाया ज्य रहा है। इसका उद्देश्य नई

अभियान चलावा कर रहा है। इसका उद्दारन वह गोद्दी को इसके पुरस्थान से असमा फराना और गोद्दी को इसके पूर्वभाग से असमा करना है। जिसे से सुद्रेग पिल्लाव को रोक प्रकास करना है। धीरान की असे से शुक्र कार को सेकेसरा बारिएका उन्ने पिल्लाव के सारूर पास के उन्कृतन पर आस्त्रका उन्ने प्रकास की असोराक उन्ने प्रकास की असोराक की स्वास करा असोराक की स्वास का असेराक की सार्व कर से उन्ने के सार्व की असोराक की असार की असोराक की सार्व की असार की अस राय युनिवर्गिटी में जागरूकता अभियान चलाकर छाज-छाजाओं को जगरूक किया गया। बीएव् को शस्य वैज्ञानिक हो शीला बारला ने बताबा कि पार्वेनियम एक प्रकार का खरपतथार है।

झारखांड, उत्तरप्रदेश और बिहार के क्षेत्र ज्यादा प्रभावित हो रहे हैं"

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यांदर्गी और कड़की पास के नाम में जाना जाता है। इस खुरपताबार से फमाली की पैदाबार में लगभग 40 प्रतिकात तक की कमी ही जाती है।

अनगडा में खरीफ कार्यशाला में किसानों को मिली जानकारी

अनगद्वा । प्रखंड सभागर में शुक्रवार को खरीफ कार्यशाला का आयोजन किया गया। कार्यशाला में जिला कृषि कार्यालय से कनीय पौधा संरक्षण पदाधिकारी कालेन खलखो एवं बिरसा कृषि विवि के कृषि वैज्ञानिक डॉ शोला बारला ने खरीफ कार्यशाला की महत्ता एवं गाजर घास की रोकथाम, उन्मूलन तथा बृहत फैलाब को रोकने के बारे में बताया । साथ ही धान फसल में लगने वाले रोग जैसे बीपीएम, तना छेदक लावा फुटना ब्लास्ट रोग इत्यादि के लक्षण एवं रोकधाम के बारे में जानकारी दी गई। मीके पर बोडीओ उत्तम प्रसाद, अनगड़ा प्रमुख दोपा उरांव,उपप्रमुख जयपाल हजाम,सांसद प्रतिनिधि कामेश्वर महतो, विधायक प्रतिनिधि राजेन्द्र मुंडा,बीटीएम नीरा सविता जोजो,प्रभारी बीएओ ,जनसेवक व विभिन्न पंचायती के मुखिया व कृषक मित्र रघुनाथ महतो विश्वनाथ महतो महावीर मुण्डा मुकेश बेदिया सोनाराम सिंह मुण्डा, जगेश्वर महतो नार्यक्रम महतो मनीनाचे मुंडा, बलराम मुंडा, प्रयोग तिकी, राजकुमार बडाईक, बबल् महतो,योगेश्वर प्रसाद महतो, किसान गीवर्धन मुण्डा एतवा बेदिया ,देयव्रत चीधरी आदि उपस्थित थे।

कार्यशाला में किसानों को मिली जानकारी

का मिली जानकारी संयु अनगरा: प्रकार प्रकार स्थानगरा: प्रकार स्थानगरा अर्थ प्रकार स्थानगरा अर्थ प्रकार को स्थानगरा अर्थ आपीताना किया गया: कार्यशाला में तिनला कृषि कार्याला में कार्याय प्रकार कार्याय प्रकार कार्याय प्रकार कार्याय प्रकार कार्याय कार्य कार्याय कार्य पूर्व रोक प्राप्त के बाद में जाननकर्य है। गृह । सीक पर बोड़ीकों करना प्रकार, अन्तर्गतु प्रसूक्त होगा उत्तरेक उप्तप्रसूक्त क्रान्यक्त उक्तास, सोक्त प्रताप्तिक क्रान्यक्त क्रान्यक्तर भारती, विकासक मिर्गियोध क्रान्यक्तर भारती, विकासक मिर्गियोध प्रजेटन पूर्व, भारतेका सेम सर्वेका जीजी,प्रकारी आधारी, जनसंख्या क पंचारती के मुख्या में कुरूक मिल स्पूनाथ भारती आदि उपरिधात थे।







Krishi Vigyan Kendra, Godda

The 18th *Parthenium* Awareness Week during 16-22, August, 2023 were organized by Gramin Vikas Trust- Krishi Vigyan Kendra, Godda with different village of farmers and 2 Villages viz. Boha and Badhauna. The Online Webinar Programme was telecasted at GVT-Krishi Vigyan Kendra, Godda. Webinar was organized by the Krishak Jagat and ICAR-DWR on "The *Parthenium* weed problem and its management at the global level". The presentations were given by the renowned weed scientist Dr. P.K. Singh, Dr. V.K. Chaudhary, Dr. Deepak Pawar and Dr. Sachin Baundriya.In this programme, farmers were made aware about the harmful effect on ecosystem, crops, animals and human beings.

During the 'Parthenium Awareness Week' farmers were made aware of this weed, control measures and side effects during day-to-day programmes of KVK.KVK scientists made efforts for the eradication of this weed in residential area, dairy unit, campus, parks, office premises and demonstration farms, etc. Villagers were made aware of the Parthenium, effects and control measures, chemicals, biological and manual removal. Dr. Ravi Shanker (Senior Scientist & Head), Dr. Satish Kumar (SMS- Animal Science), Dr. Surya Bhushan (SMS-Plant Protection), Dr. Hemant Kumar Chaurasia (SMS-Horticulture), Dr. Pragatika Mishra (SMS-Home Science), Dr. Ritesh Dube (SMS-Agril. Extension), (Dr. Adyant Kumar (SMS-Agronomy), and Rakesh Roshan Kumar Singh (Farm Manager) coordinated the various activities carried out during the 'Parthenium Awareness Week' Programme.





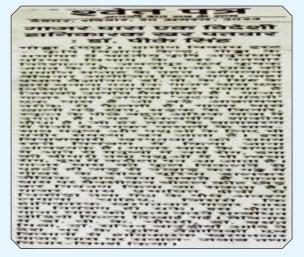


















2.10 KARNATAKA

In the state of Jharkhand, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Taralabalu Krishi Vigyan Kendra, Davangere.

ICAR-Taralabalu Krishi Vigyan Kendra, Davangere

The 'Parthenium awareness programme 2023' was organized in the ICAR-Taralabalu Krishi Vigyan Kendra, Davangere from 16-22 August 2021. During these days various activities were conducted. The daywise activities were as follows:

16 August 2023

The ICAR- Taralabalu Krishi Vigyan Kendra, Davangere conducted on campus







training program for the Krishi Saki in collaboration with Zilla Panchayat, Davanagere. The program was inaugurated by Mr. Mallikarjuna B.O. SMS (Agronomy) and in his inaugural speech explained about the introduction, damage to field crops, manual uprooting, mechanical, biological and chemical are different methods to control the weed. Mr. H.M. Sannagoudar delivered a talk on the conversion of the *Parthenium* to organic manure before flowering. Dr. T.G. Avinash SMS (Plant Protection) explained about the biological control of *Parthenium* through the bio-agent *Zygogramma bicolorata*. Farm women participated in the program involved in uprooting of *Parthenium* near the farmers hostel of KVK.





17 August 2023

The ICAR- Taralabalu Krishi Vigyan Kendra, Davangere conducted an off campus training program at Chikkaharakere and Akanuru village, of Jagalur taluk on the Awareness of *Parthenium* in vegetable crops and field visit to the *Parthenium* plots and uprooted the plants. The program organized in collaboration with Bidarakere TAFPCL. Awareness on the use of *Parthenium* before flowering for conversion of compost and vermicomposting was created among the participants. The FLD cotton and Tomato farmers and as resource persons Subject matter specialists Agronomy, Soil Science and Plant protection participated in the program.











18 August 2023

An off campus training program was conducted at Sultanipura village, Davanagere taluk on the Awareness of *Parthenium* eradication in field crops and horticultural crops in collaboration with Kodaganur TAFPCL. The FLD cabbage farmers and Subject matter specialists Agronomy and Plant protection participated as resource persons in the program.





18 August 2023

An on campus training program for the farm women (Pashu Saki) under NRLM project by Zilla panchayat during the exposure visit to KVK farm was conducted. During the programme awarenesswas created among the farm women about the ill effects of *Parthenium* on animals when they feed on the *Parthenium* plants.





20 August 2023

A training program on the *Parthenium* Awareness for DAESI students at IAT, Chitradurga. It was told to the participants that Cassia tora commonly called "Chakoda" and marigold are capable to replace *Parthenium* by broadcasting of seeds during February—April in the *Parthenium* infested area. Plenty of seeds of C. tora may be collected







easily during October-November. Field visit to the plots where there was lush growth of Cassia toria plants and observed the less population of the *Parthenium* plants and explained the management of parthenium through different methods.

21 August 2023

Release of insect bio-agent *Zygogramma bicolorata* in *Parthenium* infested areas and uprooting *Parthenium* plants was carried out. With all the staff members at demonstration plots of KVK. Mr. Mallikarjuna B.O., explained that *Parthenium* plants are beneficial when we uproot the plants before flowering and it can used for the vermicomposting.

22 August 2023

Students from Pushamalingappa residential school, Davangere visited the KVK farm. Dr Jayadevappa G.K. SMS (Animal Science) explained about the ill effects of feeding *Parthenium* in dairy animals. The quality of milk will be affected and there will be unpleasant odor to the milk.





2.II MADHYA PRADESH

In the state of Madhya Pradesh, 'Parthenium Awareness Week-2023' was celebrated by the Krishi Vigyan Kendra, Rewa and Krishi Vigyan Kendra, Shivpuri.

Krishi Vigyan Kendra, Rewa

The 18th Parthenium Awareness Week during 16-22, August, 2023 was organized by the Krishi Vigyan Kendra, Rewa in Jokiha village and College of Agriculture, Rewa.The details about the various programmes under 'Parthenium Awareness Week 2023' conducted were as follows:







The list of various activities carried out day wise by the Krishi Vigyan Kendra, Rewa during the '18th Parthenium Awareness week'

SI. No.	Place of the awareness programme	No. of Farmers participated /Students
01	KVK, Rewa	09
02	KVK, Rewa	52
03	CoA, Rewa	06
04	Vill- Jokiha (Gurh), Rewa	20
	Total number of participants	87











अवसर पर शरक लिया इस दैशन नक्षल कालेजों के असपना रिख

केट के प्रमुख हो, एके पाण्डेन ने अधियों में आक्रमण करना है। इस

कता कि खुरणाचार गांतरपास हर कार्यक्रम के सथ-वरक ही, अखिलेश कर्मचरियों ने धार तिया।









से पॉलवॉ को चट कर मुख्य हो। इस अवसर पे स्वयंता का भी संदेश धाओं एवं किसानों को दिया गया। गाजरचास उन्मृतन के जिए साजों एवं सामाओं भी जागरूक किया गया।







KVK, Shivpuri

The 18th Parthenium Awareness Week during 16-22, August, 2023 was organized by the Krishi Vigyan Kendra, Shivpuri. The details about the various programmes under 'Parthenium Awareness Week 2023' conducted were as follows:

16 August 2023

Parthenium awareness campaign was started in Government Secondary School, Ramnagar Development Block, Kolaras District, Shivpuri. In which the students present in the school campus were given information about the harmful effects of Parthenium and its eradication. Besides, glyphosate herbicide was also sprayed in the nearby standing Parthenium weed. 16 farmers, 87 students, 4 teachers and 04 agricultural scientists participated in this program. Dr. M.K. Bhargava, Senior Scientist (Agronomy) was the Nodal Scientist/Expert for this programme.









17 August 2023

Parthenium uprooting/eradication program was organized with the participation of 32 farmer women in village Rajgarh development block Shivpuri. The programme was coordinated by Dr. A. L. Basedia, Scientist (Agricultural Engineering).



18 August 2023

To make the farmers and rural youth visiting the Krishi Vigyan Kendra campus aware, banners and posters giving information regarding *Parthenium* identification control were displayed in the center premises.





20 August 2023

An awareness program and *Parthenium* eradication programme was conducted for 18 trainees of exchange distribution dealers at KVK campus. The programme was coordinated by Dr. A. L. Basedia, Scientist (Agricultural Engineering).









21 August 2023

A *Parthenium* awareness rally was taken out in Government Higher Secondary School Kharai Tendua with the participation of 102 students and 7 teachers. In the school premises, students were given information about various measures to control *Parthenium*. The programme was coordinated by Dr. Shailendra Singh Kushwaha, Senior Scientist (Agronomy).



22 August 2023

Parthenium uprooting/eradication and media coverage programme was conducted at the Krishi Vigyan Kendra premises. The programme was coordinated by Dr. Punit Kumar, Senior Scientist and Head and all KVK scientists participated in this programme.













2.12 MAHARASHTRA

In the state of Maharashtra, 'Parthenium Awareness Week-2023' was celebrated by the ICAR - National Research Centre on Pomegranate, Solapur; ICAR-Central Citrus Research Institute, Nagpur; Central Sugarcane Research Station, Padegaon; Krishi Vigyan Kendra, Killa-Roha, Raigad; Krishi Vigyan Kendra, Solapur-I and Krishi Vigyan Kendra Mohol, Solapur-II.

ICAR-National Research Centre on Pomegranate, Solapur

The 18th "Parthenium Awareness Week" was conducted at ICAR-NRC on Pomegranate, Solapur during 16-22 August 2023. The various activities like creating awareness among scientist farmers and school students, *Parthenium* uprooting, making compost, spraying of herbicides, student's rally, demonstrations and exhibitions were conducted.





S.No.	Programme Conducted Locations	No of participants
1	Parthenium uprooting and making Compost activities done by ICAR-NRCP all staff with competent authority	39
2	Uprooting of parthenium and herbicide spraying by School S.M. Shankar rao Mohite Patil Vidhyalaya, Kegaon, Solapur	105
3	Parthenium uprooting and creating awareness among the school students of MIT Vishwashanti Gurukul Boarding School, Solapur Maharashtra	84
	Total number of participants	228

Activity 1: Parthenium awareness Programme at ICAR-NRCP, Solapur

The ICAR-NRC on Pomegranatest affactively participated in the parthenium awareness week. Parthenium uprooting activity was done done by scientists, administrates, contractual, technical parthenium in the C-2 block of Kegaon research field. The detail knowledge regarding parthenium control was given to participants eg. Making compost, history of parthenium, herbicides spraying, and releasing Mexican beetles.

















Activity 2: Parthenium Awareness Programme at ShankarraoMohitePatil English School, Solapur

TheICAR-NRC on Pomegranate organized Parthenium Awareness Programme at Shankar rao Mohite Patil English School, Solapur. During which the 'Parthenium Awareness Week-2023' programmeco-ordinator Mr. Rahul Damale, Scientist gave a detailed lecture on Parthenium and its adverse effects on human and animal health and on the biodiversity.

On this occasion, Dr. Parshuram Shirgure, Principal Scientist talked about Mexican beetles (*Zygogramma bicolorata*), its life span, its feeding mechanism, and the biocontrol method for management of this invasive weed. On this occasion the Principal, Shankar rao Mohite Patil English School; teachers and students were present. After an interactive session, parthenium uprooting programme was carried out in the school premises.















Activity 3: Parthenium Awareness Programme at MIT VishwashantiGurukul Boarding School, Solapur

The ICAR-NRC on Pomegranate organized Parthenium Awareness Programme at Shankarrao Mohite Patil English School, Solapur. During which the 'Parthenium Awareness Week-2023' programme co-ordinator Mr. Rahul Damale, Scientist gave a detailed lecture on Parthenium its management strategies. After an interactive session, parthenium uprooting programme was carried out in the school premises and a rally on Parthenium awareness was conducted in the nearby colony.









ICAR-Central Citrus Research Institute, Nagpur

The ICAR-Central Citrus Research Institute Nagpur, observed the '18th Parthenium Awareness Week' from 16-22 August, 2023. This initiative was aimed to address the growing concern of parthenium weed infestation and raising awareness. During the Parthenium Awareness Week, ICAR-CCRI Nagpur initiated comprehensive awareness campaigns during the week. Also provided the information about different methods of the management like uprooting, biological control, spraying herbicide. Also created the awareness about the composting of uprooted biomass. By observing the Parthenium Awareness Week, ICAR-CCRI Nagpur has fostered a sense of responsibility among







individuals and communities to actively participate in combating the spread of parthenium. Tshe ultimate goal is to create a parthenium-free environment that promotes healthy ecosystems, sustainable agriculture, and improved public health.ICAR-CCRI Nagpur successfully conducted 'Parthenium Awareness Week' a multifaceted approach to raising awareness about parthenium and its detrimental effects.





ICAR-Central Sugarcane Research Station, Padegaon

The ICAR-Central Sugarcane Research Centre, Padegaon organized Parthenium Awareness Week-2023 during 16-22 August, 2023. During this various awareness activities were carried out by the Central Sugarcane Research Station, Padegaon. On 21 August, 2023 Parthenium Awareness programme was conducted. On this occasion Dr. Kailas Bhoite welcomed the audience and informed about the harmful effects of Parthenium. Speaking on the occasion, Dr. RajendraMilare, Head of Padegaon Research Center and sugarcane specialist, highlighted the objectives behind organizing the Parthenium Awareness Week across the country, the history of its arrival in our country, how it spread, its harmful effects on human health and crop production and the need for integrated management. On this occasion, all the officers and employees of the office participated in the demonstration of making compost fertilizer through biological process by uprooting Parthenium from the fields and non-cropped areas.

During this program, the head of sugarcane research center and sugarcane specialist Dr. Dr. Rajendra Bhilare, sugarcane breeder. Dr. Kailas Bhoite, sugarcane entomologist. Dr. Shaligram Gangurde, Senior Research Assistant. Dattatraya Thorve, Junior Research Assistant Dr. Kiran Kumar Ombase, Junior Research Assistant Dr. Madhavi Shelke and other officers and employees, and 50 farmers of Padegaon village and prominent citizens of the village participated.















Krishi Vigyan Kendra, Killa-Roha, Raigad

As per the directives received from the ICAR-DWR, Jabalpur, ICAR-ATARI, Pune and Directorate of Extension Education, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, the '18th Parthenium Awareness Week' was organized by KVK, Killa-Roha, Raigad under the guidance of Dr. P. A. Sawant, Director, Extension Education, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli in collaboration with Agriculture Technology School, Roha; NGO and farmers club. Various activities were organized to make farmers, students, villagers and the general public aware about the menace of Parthenium. The participants were given information about what is Parthenium? How to identify it? How Parthenium spreads? What ae the harmful effects of Parthenium and its integrated management to overcome it through trainings, awareness programmes, field visits, etc? The day to day activities conducted by KVK, Roha were as follows:

Details of activities during Parthenium week conducted by KVK, Roha

SI. No.	Date	Place	Activity	No. of participants
1	16.08.2023	Krishi Vigyan Kendra, Roha	Display of charts, leaflets, folders on notice boards and parthenium uprooting in the campus	33



Table contd...





SI. No.	Date	Place	Activity	No. of participants
2	17.08.2023	Agriculture Technology School, Roha	Parthenium awareness among the students of Agriculture Technology School, Roha	46
3	17.08.2023	Farmers fields and home visit, Kapade, Poladpur	Awareness about Partehnium and its management	37
4	18.08.2023	Koshimbale, Tal. Mangaon	Interactive sesson with farmers of Kulswami Shetkari M Andal and field visit about eradication of Parthenium	26
5	19.08.2023	Krishi Vigyan Kendra, Roha, Raigad	Awareness among diploma students of YCMOU study centre, KVK, Roha about harmful effects of parthenium and its management	29
6	20.08.2023	Nadgaon, Tal. Mahad	Training and field visit with farmers of Amar Shetkari Vikas Mandal, Nadgaon regarding composting of Parthenium biomass	38
7	21.08.2023	Krishi Vigyan Kendra, Roha, Raigad	Interactive sesson with farmers from nearby villages about Parthenium-free campus	24
8	22.08.2023	Agriculture technology School, Roha	A rally on mass awareness about Parthenium and its management	53
	286			

































Krishi Vigyan Kendra, Solapur-I

The Krishi Vigyan Kendra, Solapur-I (MS) celebrated the Parthenium Awareness Week during 16-22 August, 2023. The main objective of the programme was to create massive awareness among the Farmers, Extension Functionaries and Students about the Parthenium weed and its management. The KVK organized the different Extension Activities on and off campus in focal and satellite villages. Also used AIR and Social Medias for massive awareness creation. All the activities were organised under the guidance of Senior Scientist & Head KVK Solapur Dr. Lalasaheb Tambade, The SMS (AE) Prof. P.A. Gonjari, Prof. A.B. Shastri, SMS (Agronomy) and Prof. S.P. Javalge, SMS (PP), actively interacted with the farmers to create the awareness about Parthenium weed. All other technical and non technical staff also participated in different activities.

The inaugural programme was organized on 16 August 2023 at KVK, Solapur on Biological management of parthenium weed by using Mexican beetles and student rallies. The inauguration program was Presided by Dr. Lalasaheb Tambade, Senior Scientist and Head, KVK, Solapur-I. Dr. Lalasaheb Tambade, Senior Scientist & Head, KVK, Solapur, while delivering his presidential speech focused on integrated management of parthenium weed by cheaper way by rearing maxicans beetles and it's spreading in affected areas. Also urged farmers for community approach of management. During technical speech Mr. Samadhan Javalage, SMS plant protection give detailed information about life cycle of Mexican Beetle and its application for control of parthenium. Mr. A.B. Shastri, SMS Agronomy gave information on identification, origin, capacity of spread, effect on field crop as well as on human and animal health besides its control measures including cultural and biological means. Mr. P.A. Gonjari focused on use of parthenium for compost preparation. Live samples were also shown for easy identification among the farmers.

The KVK, Solapur developed extension literature in local language on management of Parthenium weeds and published in regional News Papers on 21st August, 2023 i.e. during the celebration of Parthenium Awareness Week. KVK developed Video on impact of parthenium and how to manage it and send on farmers what's up group and viewed by more than 1500 farmers. Also published news of different programmes while celebration of week. The posters on Parthenium awareness were also pasted and farmers were educated about harmful effect on Parthenium at KVK operational villages. A wide publicity and coverage in the print media and through All India Radio were given for the event. Awareness campaigning on eradication of Parthenium was conducted at village Kazikanbus among the farmers and School. The awareness program on parthenium management was also conducted at Indian Modern School Solapur and Basvaraj Prashala Kazikanbus. Compost making from Parthenium before it reaches to flowering was demonstrated at village chungi







Tal Akkalkot. Total 297directly and more than 1500 through Social media, farmers, youth and extension functionaries were get benefitted of Parthenium Awarenes Week celebrated by KVK Solapur-I.











Krishi Vigyan Kendra Mohol, Solapur- II

As per the directions from ICAR-Directorate of Weed Science Research, Jabalpur and Director ATARI Zone-VIII Parthenium Awareness Week was observed from 16-22, August, 2023 at Krishi Vigyan Kendra Mohol, Solapur-II (MS). The staff of KVK have taken







up one hour Shramdan in campus for uprooting Parthenium weed. Due to continuous management of Parthenium in campus. They could find very few flowering plants scattered sparsely, which were uprooted manually and the biomass was shifted to composting yard to convert it into manure. Dr. T.R. Walkunde, Programme Coordinator of KVK explained about the importance of the programme, Dr. S. G. Jadhav, Subject Matter Specialist (Agronomy) spoke on the Biology and Physiology of Parthenium weed and gave insights into its wide adoptability under adverse conditions, he also talked on various means of Management of noxious weed. The staff of KVK Released *Zygograma* beetles in the campus. The programme also observed in the KVK adopted village i.e. KurulTq. Mohol Dist. Solapur. The "Parthenium Awareness Week" programme was attended by staff of KVK, farmers and students.



















2.13 ODISHA

In the state of Odisha, 'Parthenium Awareness Week-2023' was celebrated by the ICAR- Central Institute for Women in Agriculture; ICAR-Indian Institute of Water Management; ICAR-National Rice Research Institute, Cuttack; KVK, Sundargarh-I and KrishiVigyan Kendra, Khordha.

ICAR- Central Institute for Women in Agriculture

18th Parthenium Awareness Week was observed at ICAR-CIWA by organizing a number of activities to spread awareness among staff members, farm workers, as well as farm women in different villages. The staff members of the institute actively participated in Parthenium eradication drive by removing the weeds present outside the institute. ICAR-CIWA campus and farm area are now a Parthenium free campus.

To spread the awareness in adopted villages a mass awareness was organized on 16-08-2023 in Champapedi village of Nayagarh District. A sensitization programme was also organized for farm women on 21.08.2023, in Dhanahara village of Khordha District in which farm women of Scheduled Caste community were apprised of the harmful effects of Parthenium weed and they were advised to maintain Parthenium free homestead and public places. Hundred farm women in the two villages also participated in the farmer-scientist interface on composting method of the Parthenium weed for its proper utilization.

The programme was coordinated by Dr. Laxmi Priya Sahoo, Senior Scientist (Seed Technology), Dr. Ankita Sahu, Scientist (Fruit Science), Sri Manoranjan Prusty (Senior Technical Officer) and Sri Bhikari Charan Behera (Senior Technical Officer) of ICAR-Central Institute for Women in Agriculture, Bhubaneswar.















ICAR-Indian Institute of Water Management

ICAR-Indian Institute of Water Management observed the 18th Parthenium Awareness Week from 16-22 August 2023. On 16th August 2023, the banners and posters were displayed at ICAR-IIWM campus. On the second day, a campaign was organized at Vivekananda Shiksha Kendra, BDA colony, Bhubaneswar wherein; Dr. Dibakar Ghosh, Scientist addressed the students about the harmful impacts of Parthenium on human and animal health. He also stated the probable management options of Parthenium which helped create awareness among the school children and teachers. On 18th August 2023, another campaign was organized at ICAR-IIWM Research Farm, Medhasal in which talks related to Parthenium infestation and its management were delivered by Dr. S.K. Rautaray, Dr. P.K. Panda and Dr. D. Ghosh. On 21st August 2023, Scientists and staff of ICAR-IIWM got engaged in uprooting Parthenium in the office premises. On the final day of this awareness drive, we visited Haridamada (FFP adopted village), and interacted with farmers and school children. Dr. S.K. Mishra, Dr. D. Ghosh and Dr. P. Sahu from ICAR-IIWM emphasized the negative impacts of Parthenium on human and animal health along with yield reduction in upland crops. They also suggested possible preventive measures and management strategies to avoid Parthenium menace. Dr. Dibakar Ghosh and Dr. SubodhKarna coordinated the Parthenium Awareness Week programme from 16-22 August 2023.















ICAR-National Rice Research Institute, Cuttack

As per necessary instruction from Secretary, DARE & DG, ICAR, New Delhi and request from Director, ICAR-Directorate of Weed Research, Jabalpur (Madhya Pradesh), ICAR-National Rice Research Institute, Cuttack along with its Regional Station at Hazaribag (Jharkhand) organized 18th Parthenium Awareness Week- 2023 during 16-22 August 2023 to apprise the harmful effects of Parthenium hysterophorus (Carrot weed/congress grass/gajarghas) and its management. A wide array of activities was conducted to spread maximum awareness among the staff members in order to keep the the Institute campus Parthenium free under the national major activity of "Swachh Bharat Abhiyan". In the inaugural programme organized on 16th August, 2023, Dr S Lenka, Chairman, Institute Swachha Bharat committee briefed about the weeklong activities that were to be carried out during 16-22 August 2023. During the *Parthenium* awareness week, Dr. RaghavendraGoud, Scientist (Agronomy) delivered lecture on the topic "Introduction, identification, harmful effects & cultural, herbicides management of Parthenium" and Dr. BasanaGowda G, Scientist (Agril. Entomology) delivered another lecture on the topic "Management of *Parthenium* weed by use of biocontrol agents". Dr M J Baig, Director (I/c) deliberated on the harmful effects of Parthenium and stressed the need to manage this weed in an integrated mode i.e., through mechanical, cultural and biocontrol methods. Swachhata cleaning drive for removal of Parthenium weeds was carried out in the premises of ICAR-NRRI, Cuttack on 17.08.2023, 18.08.2021, 21.08.2021 and 22.08.2023 with active involvement of staff, students, Project staff, out sourcing staff, Swachha Bharat Committee members of the Institute to make the campus *Parthenium* free.

The Regional Station of the Institute, CRURRS, Hazaribag (Jharkhand) also organized different activities during the period and significant activities were "Awareness, Parthenium uprooting" in SCSP village Charhi, Hazaribagh; Gosthi on "Harmful effects of Parthenium& its managemet" in TSP adopted villages Gagari, Arakeam, Ranchi; KrushakGosthi on "Harmful effects of Parthenium& its managemet" in SCRTC, Demotand, Hazaribagh and "Awareness &Parthenium uprooting" in the premises of this Regional Centre with the active involvement of Dr.N.P.Mandal, I/c, CRURRS; Dr.S.M.Prasad, PS (Agronomy), other scientists, staff including contractual workers, Project staff, students.





















गाजर घास से फ़्सलों, पर्यावरण और मिट्टी पर पड़ता है दुष्प्रभाव : डॉ. शिव केंद्रीय चावल अनुसंघान केंद्र में गाजर घास पर कॉलेज के प्रशिक्षुओं को जागरूक किया

परिचार को राजारीय तिवास प्रविच्या के पातावार्त पंचारत तिवास को पाता है पाता पाता परिचार पाता है जिस के प्रविच्या के पाता को पाता के प



Published in Bhaskor News, Horanilag on 20.8,2023.

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प्रतिक्वा को एक्क्रीय विकास क्षात्रीचन के प्रतिक्वा के प्रतासकों के प्रतिक्वा की प्रतास की एक्क्रिय को प्रतास के प्

Published in Bhocker DENS, Horaniles on 20.8.2023 .







KVK, Sundargarh-I

Parthenium Awareness Week was observed from 16-20 August 2023 by KrishiVigyan Kendra Sundargarh-I across different locations of Sundargarah district to raise awareness about the detrimental impact of the invasive plant species *Partheniumhysterophorus* on our ecosystem, agriculture, and public health.

Different activities performed by the KVK:

- 1. Awareness Campaign: A series of awareness programs and informational sessions were organized during the week. Experts in the field delivered presentations on the identification, control, and eradication methods of Parthenium. These events were attended by farmers, local residents and district line department officials.
- 2. Field Surveys: Field surveys were conducted in collaboration with local agricultural departments, FPOs and NGOs. These surveys aimed to assess the extent of Parthenium infestations in various areas. The data collected will aid in understanding the spread of the invasive species and in developing targeted control strategies.
- 3. Community Engagement: Various outreach programs were held to involve the local community. Awareness drives were organised to educate individuals about the risks posed by Parthenium and the preventive measures that can be taken.
- 4. Media Coverage: The Parthenium Awareness Week received extensive media coverage through newspapers and social media platforms. This helped in reaching a wider audience and spreading the message about the importance of combating the invasive species.































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୨ ଦିନରେ ୩ ସ୍ଥାନକୁ ଚୋରି

ସୁସ୍ଥପରିବେଶ ପାଇଁ ଗାଜରଘାସ ନିୟନ୍ତ୍ରଣ ଜରୁରୀ

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ଳପାର ଭୋଟର ସଚେତନତା ମହାଅଭିଯାନ କର୍ମଣାଳ। ସରକାରୀ କଲେଜରେ ଛାତ୍ରୀଛାତ୍ୱଙ୍କ ପ୍ରବେଶ ଉତ୍ସବ ମହିଳା କଲେଜରେ ପ୍ରବେଶ ଉତ୍ସବ













Krishi Vigyan Kendra, Khordha

Krishi Vigyan Kendra-Khordha, ICAR-CIFA, Bhubaneswar organised 18th Parthenium Awareness Week from 16-22 August 2023 under Swachh Bharat Mission 2023 at DhanaharaUG ME School, village-Dhanahara, Block-Balipatna, District-Khordha on 17.08.2023. About 75 student and teachers participated in this awareness campaign programme. In this awareness programme, the identification of parthenium; its vegetative growth; its harmful effects on the ecology and environment, crop fields, human beings and animal sector particularly cattles were discussed. They were also being taught how to control this weed through manual and herbicide application and also its use in composting technique for utilization in agriculture purpose.

An awareness programme was also conducted at Rajas village of Balipatna Block of Khordha district on 21.8.2023. About 55 farmers and farmwomen including Board of Directors of Chasabasa Farmers Producers Company Limited and Ward members of Rajas village participated. The farmers and farm women were explained about the Parthenium havoc on environment as well as crop fields which possess health hazards to human beings and cattles. A demonstration programme was conducted in the village for controlling of parthenium weed through herbicide application in field. This programme was conducted by KVK-Khordha in collaboration with the Chasabasa Farmers Producers Company Limited, Raja, Balipatna.





2.14 PUNJAB

In the state of Punjab, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana and Punjab Agricultural University, Ludhiana.

ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana

The Central Institute of Post-Harvest Engineering & Technology, Ludhiana organized a program on Parthenium weed eradication in collaboration with the village residents to celebrate the 18th Parthenium Awareness Week (16-22 August 2023) in Talwara village under Mera Gaon Mera Gaurav Scheme. On this occasion Dr. Chandan Solanki, Dr. Pankaj Kumar, Mr. Jaswinder Singh and Jagtarji from CIFET, Ludhiana were







present. Shri. Jaswinder Singh, Technical Officer created awareness among the people of Talwara village by informing the residents of the village about invasive weeds like Parthenium. Along with this, Mr. Jagtar Singh, Technical Assistant informed the people about the ill effects of Parthenium on ecology, biodiversity and human and animal health.



Punjab Agricultural University, Ludhiana

Department of Agronomy, PAU, Ludhiana organized 18th *Parthenium* awareness week from 16th to 22nd August 2023 under the aegis of ICAR-DWR, Jabalpur. Awareness program continued throughout the week in the university campus. Lectures on *Parthenium* and its management were delivered to graduate and post graduate students highlighting the harmful effects of *Parthenium* on human and animal health and its management. A drive to uproot new flushes of plants of *Parthenium*at PAU campus was continued throughout the week. Students along with field staff uprooted *Parthenium* plants growing at different places inside the university campus. The fresh flushes of *Parthenium* plants at village Mansuran (district Ludhaina) was uprooted with the help of villagers. This village is first *Parthenium* free village since 2016 and it has been maintained by villagers, with collaboration of AICRP Weed management staff from PAU. This village is regularly monitored and new plants of *Parthenium* are uprooted. Dr. M.S. Bhullar, Dr. AmritpalBrar, Dr. Tarundeep Kaur, Dr. Pervinder Kaur, Dr. Manpreet Singh, Dr. Satpal Singh, and, along with technical and field staff participated in the awareness program.





































2.15 RAJASTHAN

In the state of Rajasthan, 'Parthenium Awareness Week-2023' was celebrated by the AICRP-WM Centre, Rajasthan Agricultural Research Institute, Durgapura, Jaipur; Sri Karan Narendra Agriculture University, Jobner; KrishiVigyan Kendra, Bundi and KrishiVigyan Kendra, Dausa.

AICRP-WM Centre, Rajasthan Agricultural Research Institute, Durgapura, Jaipur

Parthenium Awareness Week was observed during 16-22nd August, 2023 under the aegis of All India Coordinated Research Project on Weed Management (Volunteer Centre) at Rajasthan Agricultural Research Institute, Durgapura, Jaipur. All the staff and students of RARI collectively uprooted the Parthenium from the RARI campus and its adjoining areas. The Parthenium eradication drive at RARI campus and its adjoining areas including government offices and railway track was lead by Prof. Balraj Singh, Honorable Vice-Chancellor, SKNAU, Jobner. He enlightened the gathering about the harmful effects of Parthenium. Dr. A.S. Baloda, Director, RARI appealed to the staff and students of RARI to educate the farmers and public about the management of Parthenium. Dr. Shweta Gupta, Incharge, All India Coordinated Research Project on Weed Management distributed the folders on 'Integrated Management of Parthenium' to the students and staff of RARI, Durgapura. The event was organized on 22nd August, 2023 which was followed by high tea.























Sri Karan Narendra Agriculture University, Johner

An awareness campaign of 18th Parthenium Awareness Week was organized during 16-22 August, 2023 at different units of Sri Karan Narendra Agriculture University, Jobner under the aegis of Directorate of Research, SKNAU, Jobner. This event was organized at different colleges, stations and units of SKNAU, Jobner in which about 562 members were participated, comprising of scientists, students & farmers. We organized some regular programmes on Parthenium Awareness Camp and its eradication programme in the campus and nearby villages. Different units of SKNAU, Jobner have carried out extensive drive for Parthenium removal from their respective campuses and vicinity during the PAW.







The programme was observed for creating interest and awareness amongst university scientists, farmers, farm women and rural youth.

Dr. Balraj Singh Ji, Vice Chancellor, SKNAU, Jobner were Chief Guest of the function during the closing session at Directorate of research, SKNAU, Johner whoaddressesed the programme& laid the emphasis on parthenium weed control and its illeffects on human health and crops and advised the farmers on eradicating the weed through integrated approach. On this occasion, Dr. Singh appealed to all that every three persons to give this information to another three people so that we can make more people aware about it and also emphasis on clean & green campus. Dr. B. L. Kakraliya, Director Research, SKNAU, Jobner talked on the importance of raising awareness about Parthenium weed and developing effective control strategies in both rural and urban areas. He also talked about how parthenium weed biomass before flowering can be used to make nutrient-rich compost. Dr. B. L. Jat, Dean, SKN College of Agriculture discussed the necessity of identifying natural competitors & enemies of parthenium weed in order to manage the weed ecologically. The participants, especially students, also shared their thoughts and questions with the scientists. All the faculty and staff removed the parthenium plants each to mark the commitment of its removal. Some dates and places of these activities under SKNAU, Jobner are given in following table.

Station/Place	Date	Activity	No. of participants
Directorate of Research, SKNAU, Jobner	22.08.2023	Organized awareness programme by involving all the students, faculty members of university. Posters, extension materials like technical folders, specially developed for this occasion were distributed. 'Parthenium quiz' was also organized for NCC & NSS cadets.	265
Rajasthan Agriculture Research Institute, Durgapur, Jaipur	22.08.2023	Removal/uprooting of Parthenium by all the staff and students of RARI from the RARI campus and its adjoining areas. Extension folders distribution.	42
College of Agriculture, Kotputli	21.08.2023	Faculty members and students contributed in uprooting parthenium in the college campus	115
College of Agriculture, Kishangarh Bas, Alwar	16.08.2023 - 22.08.2023	Parthenium uprooting by staff students from cultivated fields and road sides, lectures on parthenium were also delivered to the students	95
College of Agriculture, Baseri, Dholpur	16.08.2023 - 22.08.2023	Removal of Parthenium, Lectures on different aspect of parthenium management were delivered to the students, farmers and general public during the awareness week.	65
Total			



















गाजरघास उन्मलन सप्ताह मनाया



जोबनेर। बीकर्ण नरेंद्र कृषि विधि के तत्वावचान में वाजरधास जा जाबनर । बाकण नरद्व कृषेण जाय क तत्वावधान म कृताधान जागलकता परवाड का अस्पोजन अनुसंधान निरंतालन एवं श्लेकण नेरेंद्र कृषि पराधिवद्यालय के संयुक्त तत्वावधान से 16 से 22 अनश्त को मनाया गया। समायन सम्यादेश में कृत्वपति डॉ. बल्लामा सिंह के तत्वाधान में बिबंध के 200 से अधिक विद्यार्थियों, वैज्ञानिकों एवं कर्मचारियों ने धाव लिखा। कुल्लारि डॉ. सिंह ने राजनप्रसार उन्मुलन के लिए वर्ष पर्यन्त क्रियाश्रील रहने का अद्भान किया। उन्होंने बताया कि अल्यकाल में हो राजनस्थास पूरे देश में एक भीषण प्रकोष को तरह लगभग 35 -40 मिलीवन हैक्टेवर भूगि पर फैल है। बाजरफास से होने चाले नुकसान के प्रति जागरूक रहने का स्पष्ट देते हुए कहा कि इस दिशा में हमें अधक प्रवास करने होंगे। इस दौर बैएल ककरालिया, हॉ. बीएल जाट, हॉ. बीएल टूटवल, हॉ. रामकुपार मीजूद रहे । एनसोसी एवं एनएसएस के 85 के हेट ने भाग लिखा। इस 3 गानरपास का सपन्तित प्रबंधन पर लिखे गए तकनीकी गोल्डर का रोचन भी किया गया। कार्यक्रम में डॉ. एसी शिवरान, डॉ. एके एसएस गादव, डॉ. एसपी सिंह, डॉ. दिनेश जाओरिया, डॉ. रोशन बोएस बधाला और डॉ. प्रियंका कुमावत सहित कई लोग मौजूद

गाजर घास के नुकसान बताए

कोटपुतली। कृषि महाविद्यालय में आयोजित गाजर घास जागरुकता सप्ताह का समापन मंगलवार को हुआ। इस दौरान राष्ट्रीय सेवा योजना के स्वयसेवकों ने कॉलेज के आसपास श्रमदान करते हुए गाजर घास की उखाड़ कर नष्ट किया। इसको पार्थेनियम हीस्टेरोफोरस के वनस्पति नाम से भी जाना जाता है। यह एक विदेशी खरपतवार है, जो 1960 में ऑस्ट्रेलिया से भारत में गेहूं के साथ आया था। कॉलेज डीन डॉ.सुरेन्द्र सिंह ने बताया कि गाजर घास इस वर्ष बहुतायत में सड़क के दोनों तरफ फैल रही हैं। इससे श्वास व त्वचा सबंधी रोग फैलते हैं। यह पशुओं के लिए भी हानिकारक है। एनएसएस प्रभारी डॉ. अजीत सिंह ने कार्यक्रम का संचालन करते हुए विद्यार्थियों का उत्साहवर्धन किया। डॉ. राजीव कुमार नारोलिया ने गाजर घास के समन्वित नियंत्रण के बारे में जानकारी दी। डॉ. पावंती दीवान ने

गाजर घास के जैबिक नियंत्रण के बारे में बताया। कार्यक्रम में डॉ.तरुण जाटवा, डॉ.नवीन कुमार, डा.सुशीला एचरा, सुश्री अंजू खंगारीत, पुरुषोत्तम शर्मा, डॉ. सुरेन्द्र कुमार, ओमेश कुमार, डॉ. विजय कुमार, डॉ.नीरज कुमार, डॉ.विजय सिंह यादव, दूलाराम, सरजीत व लाल सिंह आदि लोग मौजूद रहे।













Krishi Vigyan Kendra, Bundi

The Krishi Vigyan Kendra, Bundi celebrated the Parthenium Awareness Week during 16-22 August, 2023. The main objective of the programme was to create massive awareness among the Farmers, Extension Functionaries and Students about the Parthenium weed and its management. The KVK organized the different Extension Activities on and off campus in focal and satellite villages.















Krishi Vigyan Kendra, Dausa

The Krishi Vigyan Kendra, Dausa celebrated the *Parthenium* awareness week from 16-22 August 2023. In which the 'parthenium-free' campus of KVK was maintained and parthenium eradication program was organized in public park of RHB Dausa. The details of the programs organized during the *Parthenium* awareness week are as mentioned below:

16 August 2023

Parthenium Awareness Week program was organized along with READY students of PDDU Agriculture College, Deoli, Tonk at KVK, Dausa.

Category	M	F	Т
SC	2	0	2
ST	7	0	7
Other	15	0	15
Total	24	0	24

17 August 2023

Parthenium eradication program was organized in public park of RHB, Dausa including the local residents of RHB colony and READY students. The large number parthenium plants were uprooted and the park is made parthenium free. The details of the participents are as below.

Category	M	F	Т
SC	1	2	3
ST	2	2	4
Other	9	4	13
Total	12	8	20

18 August 2023

Parthenium Awareness Week program was organized along with READY students at KVK, Dausa. The details of the participents are as below.

Category	M	F	Т
SC	2	0	2
ST	7	0	7
Other	15	0	15
Total	24	0	24







22 August 2023

Parthenium eradication program was organized in KVK, Dausa campus including the staff and READY students of Lt MCM College of Agriculture, Lalsot. The large number parthenium plants were uprooted and the KVK, Campus is made parthenium free. The details of the participents are as below.

Category	M	F	Т
SC	4	2	6
ST	13	6	19
Other	23	2	25
Total	40	10	50

22 August 2023

During the parthium awreness week one lecture was delivred at Yashodhara Loan, Dausa in bee farming seminar organized by department of Horticulture, Dausa on 22.08.2023. The details of the participents are as below.

Category	M	F	Т
SC	30	2	32
ST	70	3	73
Other	80	10	90
Total	180	15	195

KrishiVigyan Kendra, Dausa tried their best in limited resources to create awreness about parthenium and its harmful effects on human, animal, soil and biodiversity. One news coverage was also published in state level page on 24.08.2023 of **Rajasthan Patrika** entitled "**Kharpatwar se aisebachyeapnekhetoko**" which helped in creating the awareness about the noxious weed *parthenium* as a whole.

















ाष्ट्र करने के लिए कीट का प्रयोग खरपतवार से ऐसे बचाएं अपने खेतों को

राजेन्द्र कुमार जैन@ दौसा रपतवार फसलों के अंकरण एवं वृद्धि पर प्रतिकूल प्रभाव डालता है। इसको खाने से पशुओं में अनेक प्रकार के रोग पैदा हो सकते हैं। इसे कई स्थानीय नामों जैसे गाजर घास, कांग्रेस घास आदि से जाना जाता है। इस गाजर घास का मध्य अगस्त से मध्य सितम्बर के आस पास पृष्पन जोरों पर होता है। इसको समल नष्ट करने का सर्वोत्तम समय यही है। इसे उखाडते समय हाथों में दस्ताने का प्रयोग करना चाहिए।



कृषि विज्ञान केन्द्र के विशेषज्ञ डॉ. बनवारी लाल जाट ने बताया, खरपतवार के पौधों में फूल आने से पहले ही छोटी अवस्था में उखाड़कर कम्पोस्ट या वर्मी-कम्पोस्ट खाद बनाई जा सकती है।

उद्यान विशेषज्ञ डॉ. अक्षय चित्तौड़ा के अनुसार, इसके विस्तार को रोकने एवं इसे नष्ट करने के लिए मेक्सिकन बीटल "जाइगोग्रामा बाइकलरेटा" नामक कीट बहुत उपयोगी है। जहां बहुत लबें चौड़े क्षेत्रफल में खरपतवार का विस्तार हो इसे वहां प्रयोग में लिया जा सकता है।

2.16 TAMIL NADU

In the state of Tamil Nadu, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Sugarcane Breeding Institute, Coimbatore.

ICAR-Sugarcane Breeding Institute, Coimbatore

In response to the call of the Director, ICAR - Directorate of Weed Research, Jabalpur (M.P) "Parthenium awareness week (16-22 Aug 2023)" was observed at the ICAR- Sugarcane Breeding Institute (SBI), Coimbatore, Tamil Nadu to create awareness







among the staff, farm workers and general public on health hazards caused by this weed on human and animals as well as measures to manage this weed.

The first day programme was organized in the main campus of ICAR-SBI Coimbatore on the FN of 16.8.2023 in which 31 administrative staff, farm workers and research scholars of this institute had participated. Dr. G. Hemaprabha, Director, ICAR-SBI, Coimbatore spoke on the origin, spread and hazards of Parthenium weed. She also spoke on the manual, mechanical and biological control measures to be followed to manage this weeds. The participants also attended physical removal of the noxious weeds from the main farm of this institute.

The second day of (17.8.2023) programme was organized in the Additional Land Farm of ICAR-SBI, Coimbatore, in which 31 staff (Scientists and Technical Staff) of the main Campus had participated. Physical control of Parthenium weeds in the Additional Land Farm of ICAR-SBI Coimbatore was demonstrated. In her address, Dr. G. Hemaprabha emphasized the importance of biological control of Parthenium using Mexicon beetle-Zygogrammabicolorata. It was decided that the scientists of Entomology Section will mass multiply the Mexicon beetle and supply to Farm Section for inundative field release.

The third day (18.8.2023) 'Parthenium awareness week' was observed in the ECC Farm of ICAR-SBI, Coimbatore. A total of 70 participants including Scientists, Technical Staff and farm labourers of ECC Farm had participated in the mechanical control of Parthenium. Dr. G. Hemaprabha, Director, ICAR-SBI spoke on the role and responsibility of individual and community in managing the spread of the weeds. She highlighted the hazards of this weeds to cow and goat as well as to farm workers and appealed to farm workers to remove the weed as when it is noticed or before flowering it flowers.

The fourth day (21.8.2023) programme was organized in the VPT Farm of the ICAR-SBI, Coimbatore. A total of 16 Scientists, Technical and Supporting Staff working in Pathology Section and VPT Farm had participated in the awareness programme. For half an hour the staff were involved in the physical control of Parthenium.

On the final day (22 Aug 2023) of "Parthenium awareness week", the usage of drone for the chemical control of Parthenium was demonstrated. The programme was organized in the main campus of ICAR-SBI Coimbatore from 3.30 to 4.30 PM. A total of 42 staff, farm labourers, private entrepreneurs / Start up (in Coimbatore District) engaged in custom hiring service of drone, Technical staff from the College of Agril. Engineering, Tamil Nadu Agricultural University, Coimbatore had participated and seen the drone-driven weedicide spray.





























2.17 TELANGANA

In the state of Telangana, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Central Research Institute for Dryland Agriculture, Hyderabad; ICAR-Indian Institute of Oilseeds Research, Hyderabad; ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad; National Academy of Agricultural Research Management, Hyderabad; ICAR-Indian Institute of Millets Research; Horticultural Research Station, Aswaraopet, BhadradriKothagudem district; Horticultural Research Station, Adilabad; Grape Research Station, Rajendranagar; JVR Horticultural Research Station, Malyal and Fruit Research Station, Sangareddy

ICAR-Central Research Institute for Dryland Agriculture, Hyderabad

ICAR-CRIDAorganisedParthenium Awareness Day on 21st August 2023 at Hayatnagar Research Farm (HRF), ICAR-CRIDA, Hyderabad. Dr. S.K. Chaudhari, DDG (NRM), DrVinod Kumar Singh, Director, ICAR-CRIDA, and about 150 participants comprising of scientists, technical officers, and students participated in the event. Dr.Vinod Kumar Singh, Director, ICAR-CRIDA welcomed the participants and apprised the harmful effects of Parthenium like skin allergy (dermatitis), high fever and asthma in human beings and stressed the need to manage this weed an integrated mode i.e through mechanical, cultural and biocontrol methods. He also informed that the Parthenium Week is being conducted at ICAR-CRIDA, and in TSP, SCSP and MGMG adopted villages for creating awareness amongst the farmers.

Dr. S.K. Chaudhari, DDG (NRM) is his address to the participants highlighted the objectives of organisingParthenium Week across the country, the history of Parthenium reaching our country, its wide spread, its harmful effect on human health and crop production and the need to manage it efficiently. He also asked the students and staff members to be the ambassadors for carrying the message to the farmers in different villages. Dr. S.K. Chaudhari, DDG (NRM) also complimented the staff of ICAR-CRIDA for organising the awareness programme in TSP villages, HRF farm and other villages of MGMGprogramme. Later the participants participated in uprooting of the parthenium in the farm.













ICAR-Central Research Institute for Dryland Agriculture organized Parthenium Awareness week during 16-22nd August, 2023. In this context, Parthenium awareness campaign was held on 19th August, 2023 at Keslapur Village, Indravelly District in Adilabad under TSP. On this occasion, Dr. V. K Singh Director ICAR-CRIDA while addressing the farmers highlighted that 35 million hectares of land has been covered by Parthenium which is affecting the human health and crop production. The staff of ICAR-CRIDA and villagers uprooted the Parthenium and disposed off safely. During the programme, parthenium was removed from the farmer's field and safely disposed.



ICAR-Indian Institute of Oilseeds Research, Hyderabad

The 'Parthenium Awareness Week-2023' was conducted at ICAR-IIOR, Hyderabad from 16-22 August, 2023. During the week, awareness was created among the farm workers on ill effects of Parthenium and ways and means of controlling its spread. The significance of uprooting the weed before flowering was also stressed upon. A Parthenium removal drive was also organized during the week in all three farms viz., IIOR-ICRISAT farm (17 August 2023), Rajendranagar farm (18 August 2023) and Narkhoda farm (21 August 2023). In addition to these awareness programme was conducted at FFP villages and FPO villages on 22 August, 2023.













ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad

The 18th Parthenium Awareness Program from 16 to 22 August, 2023 was organized by ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad. The program was inaugurated on 16 August by the Director and the staff had participated in mechanical and manual uprooting and removal of *Partheniumhysterophorus* in the premises mainly at the back gate, old Godown and playground areas of office campus. The young vegetative stage plants of Parthenium were put in the compost pit and plants in floweing and seeding stage were heaped and allowed to dry for burning in open area outside the premises.



















On 19th August 2023, in the Research Farm of ICAR-IIRR, Rajendranagar, we have organized training programme to farm workers on Parthenium control; the mechanical, manual uprooting and removal of Partheniumhysterophorus in C Block, B Block and A block. The Parthenium was in 2-3 leaf stage to flowering and seed maturity stage. Live samples of Cassia tora, Tephroseapurpurea, Amaranthus, Tagettaspp with allelopathic effect on parthenium were shown on the day. Activity of spraying herbicides on Parthenium was also demonstrated to effective management.



















On 22nd August 2023, in the Research Farm of ICAR-IIRR, at Ramachandrapuram ICRISAT Campus, the Farm-In-Charge Dr. A.V.S.R. Swamy and Farm staff have organized the activity of *Parthenium hysterophoru* suprooting, mechanical and manual removal. A poster in local language Telugu was made and explained to farm staff and farm laborers about the problem of Parthenium, its invading nature and spread in the country, its enormous capability of spreading, health issues and remedies, different control methods of manual, mechanical, chemical and biological control methods, integrated Parthenium Management in our research farms. With the aim of making campus and research farms, parthenium weed free throughout the year.



















National Academy of Agricultural Research Management, Hyderabad

As communication received from the Director,ICAR-Directorate of Weed Research, Jabalpur requesting to observe "18th Parthenium Awareness Week" from 16-22 August 2023, in all institute campuses and it was also appeal form Hon'ble Director General, ICAR& Secretary DARE, Govt. of India to keep your campus Parthenium free under the national major activity of "Swachh Bharat Abhiyan".

In this connection Dr.ChSrinivasa Rao, Director, ICAR-NAARM and Dr. G.Venkateshwarlu, Joint Director, ICAR-NAARM, Hyderabad guided the team members and following activities were taken up.

First day (16/8/2023): On day one banners on "Partheneium Awareness Week" was displayed at the Security Check post near the entrance of Administrative Block and other banner placed on side wall of tractor trolley. The posters supplied by the DWR on awareness of Parthenium were placed at various notice boards (Administrative Block, Faculty Centre, Scientist Home, Halls of Residence, Director's Office and Dr K V Raman Faculty Building) on 16th August 2023.











On Second day (17/8/2023): Uprooting of Parthenium plants was taken up in Sweet lime plot in which around 50 farm workers and Technical Officers were taken part.



On Third day (18/8/2023): A mass Parthenium weed removal campaign was organised from 10.30 AM to 11.30 AM in which Joint Director, Dr G Venkateshwarlu, Senior Administrative Officer, Sh. Mukulraj Singh, Faculty Members, Technical Officers, Administrative Staff, Supporting Staff & Outsourcing Contractual Workers are participated in clearing of Parthenium weed at the Academy premises. On this occasion Dr G Venkateshwarlu, Joint director addressed all the staff regarding the importance of elimination of Parthenium from campus and also stressed to make it Parthenium free campus by next year. Dr Laxman M Ahire, ACTO-Training Unit & and Member of FAC briefed about the history of entry of this obnoxious weed in the country, health hazards due to Parthenium and reduction of yields in various crops. He also explained about the biological control by releasing the Mexican beetle and other control measures.











On Fourth Day (21/8/2023): Awareness on Partheneium and its harmfulness continued on day four also and uprooting work was taken up in the floriculture block with the help of outsourcing farm workers.





Day five (22/8/2022): Partheneium removal work was taken up on day five at the Sports Complex area of at ICAR-NAARM. Around 15 farm workers are involved in this activity.











This week long event was taken up at the Academy and several activities were taken up such as to make awareness about the *Partheneium* weed and its health hazards, yield loss in various crops and many more among the campus residents, farm workers, farm staff, regular employees of the Academy. This weeklong vent was coordinated by Dr.Laxman M Ahire (ACTO), Mr.KirrtiranjanBaral (Farm Suptd.), Mr. B K Venkat Ram (STA), Dr.Vijender Reddy (OIC Farm) and Dr. M Ramesh Naik (Chairman-FAC).

ICAR-Indian Institute of Millets Research, Hyderabad

Parthenium Awareness Week was celebrated at ICAR-IIMR, Hyderabad and its regional station at Solapur from 16-22 August, 2023. The program was implemented by Dr. B. Gangaiah with J. Bhagavantham, R. Swarna, B. Amasiddha, K.S. Babu (Hyderabad), R Basavaraj and P Parashuram (Solapur) as coordinators. On 16th August, the program started with brief remarks by Dr. C. Tarasatyavathi, Director, IIMR at 10.30 AM. On that day, the office premises were cleared of all grownup Parthenium up to 12.00 noon. Dr. R. Swarna has lead the coordination for the day with help of other coordinators. At Solapur too, Dr. R. Basavaraj and Dr. P. Parashuram and staff have started their activities. Every day from 3-4 PM all carders of staff (Scientific, technical, administrative, farm laboures) actively participated in uprooting Parthenium from the farm premsies (17 & 22 August: GTC farm; 18th & 19th August: Arboretum farm and 21st August (Terraces farm). The uprooted weeds are kept at a place in each farm for conversion into vermicompost. At Solapur too, everyday all staff participated in uprooting parthenium from office and farm premises.









ICAR-IIMR-Hyderabad Begun Parthenium Awareness Week on 16th August 2023







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ICAR-IIMR-Hyderabad Begun Parthenium Awareness Week on 16th August 2023



















Horticultural Research Station, Aswaraopet, Bhadradri Kothagudem district

As a part of parthenium awareness campaigning programme HRS, Aswaraopet conducted various activities *viz.*, 1. Explained and educated the villagers and primary school students about habit, weed dispersal mechanism, threat & damage, control measures of parthenium in adopted village - Alligudem (Village.), Aswaraopet (Mandal.), Badradri Kothagudem (Dist.) and in HRS, Aswaraopet; 2. Uprooted the parthenium weed in







Adopted village and in HRS, Aswaraopet, and 3. Herbicide applied to control the parthenium weed at HRS, Aswaraopet.

In thisparthenium awareness programme Dr. G. Vijaya Krishna, Scientist (Hort.) & Head, Sri Md.Hussaian, Agriculture Extension Officer, Sri KattaSubba Rao, Cont Sr. Assistant, M.Prasad, G.Narendar, Office Sub Ordinates and Time scale workers, Contract workers were participated.

























వల్ల కలిగే అనర్దాలపై గిరిజనులకు అవగాహన కల్పించారు. కార్య

క్రమంలో సర్పంచ్ కృష్ణవేణి, ఉద్యానవనం పరిశోధనస్థానం

సబ్బంది కట్టా సుబ్బారావు. నరేంద్ర తదితరులు పాల్వొన్నారు



అశ్వారావుపేట, ఆగస్టు 22: పంటల్లో వయ్యారిలామ కలు పుతో పంటలకు తీడ్ర నష్టం వాటిల్లుతున్నదని ఉద్యాన పరిశో ధనా కేంద్రం శాస్త్రవేత్త డాక్టర్ జి.విజయకృష్ణ స్పష్టం చేశారు. ఈ కలుపు లేకుండా తగు జాగ్రత్తలు తీసుకుంటే అధిక దిగుబడులు సాధించవచ్చని అన్నారు. స్థానిక హెచ్ఆర్ఎస్ ప్రాంగణంలో మంగళవారం వయ్యారిబామ కలుపు వల్ల కలిగే అనర్వాలను రైతులకు వివరిస్తూ నివారణ చర్యలు తీసుకోవాలని సూచిం ారు. కార్యక్రమంలో హెచ్ఆర్ఎస్ ఉద్యోగులు ఎండీ హుస్సేన్, కట్టా సుబ్బారావు, నరేందర్, మ్రసాద్, రైతులు పాల్గొన్నారు.



పార్టీనియం కలుపుతో అనర్యాలు ఆశారావ పేట. ఆగను 22: పారీనియం కలుపు మొక్క ఎన్నో అనరాలకు

రారి తీస్తుందని అశ్వారావుపేట ఉద్యాన శాఖ ప్రధాన శాస్త్రవేత్త డా. జీ విజ యక్షష్ణ ఆన్నారు. మంగళవారం స్థానిక ఉద్యాన పరిశోధన కేంద్రంలో పార్టీ నియం కలుష మొక్కల వల్ల అనర్గాలు- నివారణ చర్యలపై అవగాహన క ్రించారు. ఈ సందర్భంగ విజయకృష్ణ మాట్లాడుతూ పార్టీనియం వల్ల 🔫 వకోవ వ్యాదుల వంటివి వస్తాయని, కలుపు బాగ పెరిగి ప్రధాన పంటకు వష్టం కలిగిస్తుందన్నారు. వీటిని నివారించే పద్దతులపైన అవగాహన కలిం ారు. కార్యక్రమంలో ఉద్యాన పరిశోధన కేంద్రం సిబ్బంది ఎండీ హుస్సేష్ కట్లా సుబ్బారావు, నరేందర్, ప్రసాద్ తదితరులు పాల్గొన్నారు.

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Horticultural Research Station, Adilabad

The 'Parthenium Awareness Week-2023' was conducted at ICAR-IIOR, Hyderabad from 16-22 August, 2023. During the week, awareness was created among the farm workers on ill effects of Parthenium and ways and means of controlling its spread. The significance of uprooting the weed before flowering was also stressed upon.





Grape Research Station, Rajendranagar

The Programmes of 18th Parthenium Awareness Week from 16-22nd, August 2023 was conducted with the involvment of scientific and field staff by uproting the parthnium plants. The Scientist & Head of Grape Research station has enlightned the staff on the ill effects of parthemum on agriculturead humand health and also explanied that parthemum has to be irrdicated by removing the plants alongwith root systme before flowering and seed setting





JVR Horticultural Research Station, Malyal

The 'Parthenium Awareness Week-2023' was conducted at JVR Horticultural Research Station, Malyal from 16-22 August, 2023. During the week, awareness was







created among the farm workers on ill effects of Parthenium and ways and means of controlling its spread. The significance of uprooting the weed before flowering was also stressed upon. Various Parthenium awareness activities were carried out in Government School, Malyal; Primary Health centre, Malyal; farmers and common people; interactions with the DAESI programme participants on Parthenium effect on major crops at Malyal were also conducted.























Fruit Research Station, Sangareddy

All the Scientists, ministerial staff and contractual staff have attended the 18th Parthenium Awareness programme. Parthenium removal was done by uprooting daily for one hour in the station premises from 16-08-2023 to 22-08-2023, RHWEP students has enlightened and briefed the importance of eradication of parthenium weed in their respective allotted villages. On the last day the staff held a rally to bring awareness among local people against the harmful aspects of parthenium.



















2.18 UTTAR PRADESH

In the state of Uttar Pradesh, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Central Institute for Subtropical Horticulture, Lucknow; ICAR-National Bureau of Fish Genetic Resources, Lucknow; ICAR- Central Institute for Research on Goats, Makhdoom; KrishiVigyan Kendra, Shahjahanpur and Krishi Vigyan Kendra, Sultanpur.

ICAR-Central Institute for Subtropical Horticulture, Lucknow

The *Parthenium* Awareness Week was celebrated at ICAR-CISH, Lucknow during 16-22 August 2023. The posters were displayed on notice boards on the first day of the week to sensitize the staff members. Since this type of awareness program has been organized yearly, our campus has become *Parthenium*-free. We planned to arrange an awareness program outside the campus, but due to rain that was not possible. An awareness meeting was organized on 22 August 2023 in the committee room of the Institute for all the staff. Dr. S.K. Shukla, Principal Scientist (Horticulture) delivered a lecture on the subject and elaborated on the history of *Parthenium* entry and spread in our country. He also explained the ill effects of *Parthenium* on human health and its management. The most important outcome of the meeting was the finding that our employees are fully aware of the need to eradicate *Parthenium* and not only remove its existence around their residences but also make efforts towards the awareness in society.





ICAR-National Bureau of Fish Genetic Resources, Lucknow

As per the directives of ICAR, New Delhi and appeal from Dr. Himanshu Pathak, Secretary, DARE & DG, ICAR, for making ICAR Institutes' campuses parthenium free as a







component of Swachh Bharat Abhiyan, ICAR- NBFGR, organised 18th Parthenium Awareness week during Aug. 16-22, 2023. The awareness poster received from ICAR-DWR, Jabalpur displayed at the notice board for information and awareness among all the staff about this program. In the inaugural day, awareness meeting was conducted on 16.8.2023, with all staff including Scientists, Technicals, Administration & Project workers, Total 112 persons participated and Dr. U. K. Sarkar, Director of Institute, aware the staff about harmful impacts of parthenium on ecosystem; Humans, Animals, Plants and the Environment. Dr. Sarkar further deliberated about parthenium characteristics and its easy identification as white colour flower like diamond top and also easily seen in irrigated or non-irrigated places. This weed is poisonous, pernicious, problematic, allergic and aggressive nature posing serious threat to human beings and livestock. This weed causes many diseases dermatitis, asthma, nasal-dermal and nasal-bronchial problems in human. Since, this weed easily seen all the places, causes a great loss to biodiversity and reduces aesthetic value of parks, garden and residential colonies.

Keeping in view of the health of ponds having valuable live fish germplasm, and Ganga Aquarium where school children, farmers *etc*. visit frequently. The Head of Divisions with staff in team efforts mode of making NBFGR Campus-Parthenium free will lead to creation of parthenium aware ICAR-NBGR staff. This awareness program has cumulative participation of about 250 staff in different activity organised by the Institute.

The program was coordinated by Drs. Achal Singh, Raghvendra Singh, Akhilesh Kr. Mishra, Ajay Kr. Singh, Mr. Vijay Singh, KK Singh, B. N. Pathak. This team worked in the convenorship of Dr. U. K. Sarkar, Director, ICAR-NBFGR, Lucknow.























ाजधानी

_(हिन्दी क्षेत्रक) रिपब्लिक रेनेसाँ

पार्थेनियम मानव और पशु के स्वास्थ्य को खतरे में डालने के साथ-साथ पर्यावरण के लिए भी नुकसानदायक

ताकृत्यः । भाक् अनुव-राकोणकारी आरः सं पार्कीर्वका सामान्यता प्रशास स्थास गया । पार्कीरवास रिको सामान्यता स्था संगीत कार्य सं मार्च सं भी सामा साम है पुरिचा भा में प्राचीरता समर्थ हारीम प्राप्त के रूप में भी प्राप्त सात है, पूरित्त भा में प्रच्यात सकते राज्यासक प्राप्त स्वाप्त में में एक है. है सारण और यह सहस्त्र को प्रकृत है प्राप्त के प्रध्य काम प्रचीवाल में कहर पृक्ष कर प्रदेश रहा है। विद्याल के पीच के संस्कृत में जाने



'सबसे खतरनाक खरपतवार में है पार्थेनियम'

 एनबीटी, पीजीआई : तेलीवग स्थित गण्डीय मलय आनुवंशिक संसाधन ब्युरो परिसर में आयोजित सात दिवसीय 18वें पार्थेनियम जागरूकता सप्तार मंगलवार को संपन्न हो गया। संस्थान के निदेशक डॉ. उत्तम कुमार सरकार ने कहा कि पार्थेनियम, जिसे गाजर चास वा कांग्रेस घास के रूप में भी वाना जाता है, दुनिया भर में प्रचलित सबसे खतरनाक खरपतवारों में से एक है। यह मानव और पशुओं के स्वास्थ्य को खतरे में डालने के साथ-साथ पर्यावरण को भी बहुत नुकसान पहुंचा की है। इसमें पाया जाने वाला पार्थेनन नामक विषाकत पदार्थ मनुष्यों और पशुओं में डमेंटाइटिस, अस्यमा और ब्रोकाइटिस जैसी समस्याओं का कारण बनता है। आयोजन के दौरान संस्थान के कर्मचरियों ने परिसर और आसपास के इलाकों से पार्थेनियम को सतर्कतापुर्वक हटाने के साथ ही नुकसान को लेकर लोगों को जागरूक किया।

किसानों को बताया 'रिपोर्ट फिश डिजीज' ऐप का महत्व

राष्ट्रीय मलय आनुवशिक संसाधन ब्यूरो परिसर में मंगलवार को प्रगतिशील किसानों संग संवाद का आयोजन किया गया। इस दौरान अधिकारियों ने जलीय पश रोगों के राष्ट्रीय निगरानी कार्यक्रम (एनएसपीएएडी) के तहत रिपोर्ट फिश डिजीज' ऐप का महत्व बताया। संस्थान के निदेशक डॉ. उत्तम कुमार सरकार ने बताया कि बैठक का उद्देश्य ऐप की सुविधाओं और डेटा एंट्री प्रक्रिया को बताना था। उप निर्देशक मत्स्य पालन डॉ. हरेंद्र प्रसाद ने कहा कि यह समय की नांग है कि प्रत्येक बीगरी की जांच के साथ ही वास्तविक समय में रिपोर्ट की जाए।

सबसे खतरनाक घास में से एक है गाजर खरपतवार

केनविज टाइम्स सवावदाता

कैन्सिका ट्राइन्स शावायाता

शाधनकाः भाइन्सपुण एनजीयस्थातिकाः सं
पार्वीविव्यत् वारास्त्रकाता स्थ्यातः स्थापा गाधा
पार्वीविव्यत् वारास्त्रकाता स्थ्यातः स्थापा गाधा
पार्वीविव्यत् विवर्धः भारत्यक्षातः संभागितः सार्वः
पार्वीविव्यत् विवर्धः भारत्यक्षातः संभागितः सार्वः
पार्विव्यत्यक्षातं आक्ष्मात्रकः स्थापार्वावतं सं से
पार्वः है, जो भारत्य और पाष्ट्र स्थाप्त्रवातं सं से
सार्वः सं सार्वः के सार्वः सार्वः पार्वावत्यक्षातं
सार्वात्रकातः सं पार्वेचः सार्वः सं अर्थः
पार्वीविव्यत्यः सं पीर्वेचं सार्वः और आर्थः
पर, इसमं पाष्ट्रा सार्वः सीर्वः सार्वः से आर्थः
पर, इसमं पाष्ट्रा सार्वः सार्वः और सार्वः सं सं स्थापार्वः सं से अर्थः
पर, इसमं पाष्ट्रा सार्वः सीर्वः सार्वः सीर्वः सार्वः सं सार्वः
पर, इसमं पाष्ट्रा सार्वः सीर्वः सीर्वः सार्वः सीर्वः सीर

□ राष्ट्रीय मल्स्य आनुवशिक संसाधन ब्यूरी परिसर में मनाया गया 18वां पार्वेनियम आगरूकता संसाह

जामस्वयाता संत्याहि

क्रियालय कामापूर इस संस्थान को रेखाँ
पूर इट साल एक मण्डुकार्यी प्रान्तरास्त्र
सार साल एक मण्डुकार्यी प्रान्तरास्त्र
साराक्रकार्या स्थाहि अमर्थ को अल आव्यान करता है। इस ब्रस्त में आकृत्याह्म मुक्तालय के हिंताची के लिएँआपुराद्या मुक्तालय कई दिल्ली के लिएँआपुराद्या राव्यान करता है। इस ब्रस्त में आकृत्याह्म राव्यान कर्मालय को स्थाहित काम्ब्राल्य परिवार में 10वा पार्थीलयम आगल्यालय स्थाहित स्थाहित आर्थीलयम १६ से 22 अगल्या माराव्या प्राप्ता स्थाहित स्थाहित आर्थीलयम हिंता स्थाहित स्थ

पर्यावरण के लिए खतरनाक है पार्थेनियम

लखनऊ : तेलीबाग रिश्चत भाकुअनुप-राष्ट्रीय मत्स्य आनुवशिक संसाधन ब्यूरो (एनबीएफजीआर) परिसर में 18वां पार्थेनियम जागरूकता सप्ताह का समापन समारोह अयोजित किया गया। कार्यक्रम के अतिम दिन निदेशक डॉ. उत्तम कुमार सरकार ने संस्थान

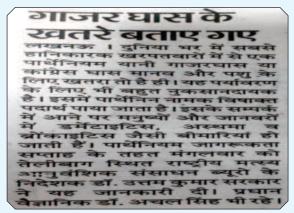


परिसर और आसपास से पार्थीनयम (गाजरघास या कांग्रेस घास) को खत्म करने के की अपील की। उन्होंने बताया कि यह घास मानव, पश्, पौधे और पर्यावरण के एकीकृत और परस्पर ' एक स्वास्थ्य' की अवधारणा को खतरे में डाल रहा है। वहीं एनबीएफजीआर परिसर में राज्य मत्स्य अधिकारियों और प्रगतिशील कि सानों के लिए जलीय पशु रोगों के लिए राष्ट्रीय निगरानी कार्यक्रम (एनएसपीएएडी) के तहत 'रिपोर्ट फिश डिजीज' ऐप को लोकप्रिय बनाने पर एक संवाद बैंटक का भी आयोजन किया गया, जिसमें कुल २४ प्रतिभागियों ने भाग लिया।











ICAR- Central Institute for Research on Goats, Makhdoom

ICAR- CIRG, Makhdoom organized 'Parthenium Awareness Week' from 16-22 August, 2023 under DAPSC project. The main objective of this programme was to create awareness among the staff, nearby villagers, farmers and project beneficiaries about the harmful effects of parthenium and to motivate them to eradicate this noxious weed. The following activities/programmes were carried out during parthenium awareness week-

On the first and second day (16th& 17th August) of parthenium awareness week, all the staff of Agriculture farm section uprooted the parthenium grass at mayurvan of Institute. On this occasion Dr. Mohd. Arif and Dr. Arvind Kumar made aware the staff about the parthenium health hazards in human and livestock and told that prolonged exposure of this plant causes severe skin inflammation, asthma, allergy and hay fever in human and loss of skin pigmentation, dermatitis and diarrhea in livestock.





On the third day (18th August) of this week, parthenium grass was uprooted at the Experimental Shed of ANMPT Division. All the staff of ANMPT division were made aware about the allergic effects of parthenium grass in human & animals and its allelopathic effects in crop plants. The technique of chemical control of parthenium grass was also demonstrated to the staff.











On the fourth and fifth day (19th& 20th August) of parthenium awareness week, awareness programmes were organized to the DAPSC project beneficiaries of Village Kachora block Achhnera (Agra). In these programmes farmers were explained about the parthenium grass and how it is reducing the productivity of our crops and livestock and what are its side effects in humans and animals. Along with this, various methods of controlling parthenium grass were also explained to them.





- On the sixth day (21st August) of parthenium awareness demonstration of mechanical methods of weed control were organized at agriculture farm for the staff and farmers of nearby villages arrived for world goat day.
- On the last day (22nd August) of parthenium awareness week about 50 DAPSC project beneficiaries and goat farmers of village Ardaya, block Achhnera (Agra) were brought to the institute. Dr. Mohd. Arif, Scientist explained about the harmful effects of parthenium grass in human and livestock and allelopathic effects in crop plants. He also explained about the method of parthenium grass control in organic and natural farming. Dr. Arvind Kumar, Pr. Scientist explained about the mechanical methods of parthenium control. A demonstration on preparation of compost from parthenium grass was also organized for the project beneficiaries. Dr. Nitika Sharma, Sr. Scientist and Dr. Vijay Kishore, ACTO explained to the goat farmers about the health







management and vaccination schedule in goats. Director of the institute Dr. Manish Kumar Chateli also explained about the allergic effects of parthenium grass and urged all the farmers and employees to control and eradicate this harmful weed. The director also motivated all the farmers to join the institute for adopting technologies developed for goat farmers.









Krishi Vigyan Kendra, Shahjahanpur

The 'Parthenium Awareness Week-2023' was executed by KVK, Shahjahanpurfrom 16 – 22 August 2023 by organizing activities like "Parthenium Free Campus Campaign"; Awareness and motivational Activities in KVK and nearby villages, General Public Awareness Activities. Organized farmers training and awareness program, farmers visit toParthenium dense areas of KVK farm and nearby areas. In awareness training program, farmers were trained on aspects of Partheniummanagement by practices of uprooting and destroying, making compost, use of herbicides for chemical weed management and also make aware about use of Mexican beetle *Zygogramabicolorata* in biological control. Destruction, eradication and composting of uprooted biomass were popularized among farmers and general public. Awareness of Parthenium harmful menace to society and agricultural production were popularized by print and electronic media by press news and local news channel mission 24 x 07 of District Shahjahanpur.







S.No.	Date	Activity Name	Theme of Activity	Venue
1.	16.08.2023	Mechanical Uprooting and weed destruction	Parthenium Free KVK Camps	KVK Farm and Campus
2.	17.08.2023	Farmers Training and field visit	To make Farmers aware about harmfull effects of Parthenium weed and its management	KVK Training Hall
3.	18.08.2023	Mechanical Uprooting and weed destruction	Parthenium Free KVK Camps	KVK Campus
4.	19.08.2023	Mechanical Uprooting and weed destruction	General public awareness	Village Niyamatpur Near RSETI
5.	22.08.2023	Farmers Training	Parthenium weed management awareness	KVK Training Hall



















Krishi Vigyan Kendra, Sultanpur

The 'Parthenium Awareness Week-2023' was conducted at KrishiVigyan Kendra, Sultanpur from 16-22 August, 2023. During the week, awareness was created among the farm workers on ill effects of Parthenium and ways and means of controlling its spread. The significance of uprooting the weed before flowering was also stressed upon.

List of activities carried out by KrishiVigyan Kendra, Sultanpur during Parthenium Awareness Week-2023

S.No.	Date	Name of Programme	Venue	No. of Participants
1.	20-8-2023	Chemical control of parthenium in KNKVK campus	KNKVK Campus Sultanpur	08
2.	21-8-2023	Cultural control of parthenium on farmers field	Village- Chandpur Saidipatti, Block- Kurebhar, Sultanpur	15
3.	22-8-2023	Awareness programme at KVK	KNKVK Campus Sultanpur	37
			Total	60











2.19 UTTARAKHAND

In the state of Uttarakhand, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Vivekananda ParvatiyaKrishiAnusandhanSansthan, Almora; ICAR- Indian Institute of Soil and Water Conservation, Dehradun;KrishiVigyan Kendra, Bageshwar; KrishiVigyan Kendra, Almora; KrishiVigyan Kendra, Nainital; KrishiVigyan Kendra, Pithoragarh and KrishiVigyan Kendra, Uttarkashi.

ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora

ICAR-Vivekananda ParvatiyaKrishiAnusandhanSansthan, Almora celebrated the 18th Parthenium Awareness Week during 16-22 August 2023. As part of this occasion various programmeswere organized by the institute at Almora and its KrishiVigyan Kendra, Bageshwar and Chinyalisaur (Uttarkashi). The brief of the whole programme is as follows:

During 16-22 August 2023 Parthenium awareness, uprooting and eradication programme at different sectors of the Hawalbagh farm area. The programme was coordinated by Farm Co-coordinator and all technical staff in different sectors of the farm area. On 17 August 2023, Parthenium uprooting and eradication programme was organized at Almora Campus of the institute by DrPK Mishra (PS) & LM Tiwari (AAO) with the cooperation of the all the staff members of the Almora campus. DrPK Mishra has highlighted the importance of Parthenium awareness programme of the council and urged people to make your surrounding free of this noxious weed. At Almora campus residents were sensitized about the Parthenium and its deleterious effect on human and animal health. A program aimed at eradicating the invasive weed Parthenium was conducted at the Khakal sector of the Experimental Farm of ICAR-VPKAS, Hawalbagh, on 18th August 2023. This initiative marked a significant step in the ongoing efforts to combat the spread of the troublesome Parthenium weed. Scientists, technical officer and supporting staff, along with contractual personnel from various schemes were actively participated in this event. The main objective was to uproot the Parthenium weed plants that had infested the crop fields and adjacent areas. The coordination of the program was led by Drs. TilakMondal, Amit Kumar, R.P. Meena, Hitesh Bijarniya, Narayan Ram and Shiv Kumar. They also played a vital role in motivating the staffs to keep their homes, workplaces, and public spaces free from the Parthenium weed through collaborative efforts. A sensitization programme on the deleterious effect of invasive weed *Parthenium* was organized at Government Inter College, Hawalbagh, Almora on 21.08.2023. In this programme, students of GIC, Hawalbagh, Almora along with the school staff were made aware about various aspects like Parthenium related health problems in human beings and animals, environment deterioration, loss of







productivity as well as biodiversity. Drs. Vijay Singh Meena, ShyamNath and Rjendra Prasad Meena along with technical staff Mr. Om PrakasVidyarthi and KeshawNautiyal briefed about the relevance of *Parthenium*eradication, control methods like physical chemical and biological and also educated about the general information of Parthenium, status of its spread, various health problems like allergies, skin disorders, asthama, hay fever *etc*in humans and animals, means and ways for *Parthenium*eradication from home, public spaces and agricultural fields. A Gosthi program on the Parthenium Awareness and its management was organized at the experimental farm, Hawalbagh of ICAR-VPKAS, Almora on 22 august 2023 from 4:00 pm onwards. All the scientist, technical staff and supporting staff of the institute participated in the Gosthi. DrRajendra Prasad Meena (Scientist, CPD) has delivered a talk on the general awareness and management options of the invasive weed *Partheniumhysterophorus*. The programme was coordinated by Drs. PriyankaKhati, Rajendra Prasad Meena and Amit Kumar.





































ICAR-Indian Institute of Soil and Water Conservation, Dehradun

The ICAR-IISWC, Dehradun organized Parthenium Awareness Week from August 16 to 22, 2023 under the Tribal Sub-Plan (TSP) of the institute. Under this week long programme, Parthenium awareness day was celebrated on August 22, 2023 in Phatyou and Ichhala Villages of Kalsi block, Dehradun, engaging a total of 80 participants including men, women and school going children. These villages are situated at an altitude of 1800 meter from above mean sea level. In this programme, various activities were performed and demonstrated to the participants, such as identification of Parthenium plants, safety measures for eradication of parthenium plants, such as masks, hand gloves, sanitizer, etc., biological control measures, such as the identification of the Mexican beetle (Zygogrammabicolorata), preparation of Parthenium compost etc. The event was started with the briefing by the programme coordinator, DrAbimanyuJhajhria, Scientist, Senior Scale (Agricultural Economics) on the importance of organizing Parthenium awareness programme. In the continuation, Dr Raman Jeet Singh, Senior Scientist (Agronomy), spoke about how the parthenium weed is impacting our cropland, humans, animals, and overall the ecosystem. He briefed upon effective physical, biological, and chemical management strategies for parthenium weed. He also explained how parthenium causes numerous diseases in humans and animals, as well as what steps should be taken to avoid these issues. He also talked about how Parthenium weed biomass before flowering can be used to make nutrient-rich compost. He also discussed the necessity of identifying natural competitors/enemies of parthenium weed in order to manage the weed ecologically. He also aware the attendees with his nice words regarding how parthenium can be safely used for many purposes, particularly in the soil and water conservation research. He enlightened the participants on how Parthenium weed can be used as green manure, live mulch,







compost in organic and natural farming. Shri Prakash Singh, Senior Technical Officer talked on the importance of raising awareness about Parthenium weed and developing effective control strategies in both rural and urban areas. The participants especially children also shared their thoughts and questions with the experts. Village Pradhan Sh. Sunil Kumar informed to scientists that this weed came to their village through sand brought from plain areas for the construction purpose. Dr. AbimanyuJhajhria, proposed a vote of gratitude to the all participants at the end of the discussion. After that, with all the safety precautions, all participants physically eradicated the Parthenium plants growing in the vicinity of the village. In this occasion, a sand filter which was procured by Dr. Rama Pal, Scientist Senior Scale (Environmental Science) and team member of TSP, for water purification was also provided to villagers under Swatch Bharat Abhiyanprogramme for removing sand in the drinking water coming from natural spring. Sh. Hukum Singh, Technical Officer also contributed in organizing this program. The whole programme was organized under the active guidance of Dr. Gopal Kumar, Head, Division of Soil Science and Agronomy, Dr. M. Muruganandam, TSP Coordinator, and Dr. M. Madhu, Director of the institute.

















Krishi Vigyan Kendra, Bageshwar

Krishi Vigyan Kendra (ICAR-VPKAS), Bageshwar organized different programmes under Parthenium Eradication Awareness Week from 16 to 22 August 2023 with the direction of ICAR-Directorate of Weed Research (DWR), Jabalpur. Under this programme various activities for spreading the awareness and removal of *Parthenium* were conducted. At various moments of the programme Incharge Programme Coordinator Dr. Kamal Kumar Pande stated that Parthenium weed has emerged as National threat and becoming very dangerous to the whole environment including Human, Animal and Soil health. Dr. Nawal Kishor Singh, SMS (Veterinary Science) explained about the harmful effects of weed in animal health. Shri Harish Chandra Joshi, SMS (Plant Protection) briefed about the Identification, life cycle, Physical, Chemical and Biological control of the weed through Maxican Beetle insect (Zygograma bichlorata). During the whole week all KVK staff dedicated one hour daily for uprooting of weed from Administrative building, farm area, local path and residential colony. Local people and farmers were also made aware by conducting gosthi and through social media with Krishiavam Vigyan Sanchar-a whatsapp group of KVK- Bageshwar having more than 260 members. KVK also organized Kisan Gosthi with the participation of 24 farmers on 22.08.2023. The activities and awareness were also spread through print media.

















Krishi Vigyan Kendra, Almora

The 'Parthenium Awareness Programme-2023' was organized by Krishi Vigyan Kendra, Almora, Almora, Uttarakhand from 16 to 22 August 2023. Under which, Parthenium eradication awareness campaign was conducted in village Matela, Gram PanchayatGharMatela, Primary School Kosi, Jal Sansthan office premises and a nearby village. 55 farmer men and women, school children and youth participated in this awareness week.















Krishi Vigyan Kendra, Nainital

Under the 18th Parthenium Awareness Week (16-22 August, 2023) program by Krishi Vigyan Kendra, Jeolikot, Nainital, farmers in villages Sariya Tal, Bakolia, Kishanpur, Fattabungar and Lamachaud were made aware about the need and ill effects of Parthenium eradication. While giving detailed information to the farmers at the center, center in-charge officer, Dr. C. Tiwari physically identified the Parthenium and told about the different stages of growth and natural and chemical methods of eradication. Natural methods like uprooting Parthrnium plants and planting marigold flowers around the field were found to be more effective than chemical methods. Dr. Kanchan Nainwal explained the method of collectively removing Parthenium from the entire rural area by propagating Mexican beetles to eradicate Parthrnium. Dr. Shashi Tiwari said that the Parthrnium flowers are the cause of asthma and skin diseases. Towards the end of the program, while solving agricultural related problems, the officer in charge, Dr. C. Tiwari, informed about the problem of termites and Kurmula due to use of raw cow dung in the field, and also about collecting the cow dung in the pit for making fertilizer. The scientific method was explained. There was full cooperation from Mr. Deep Kumar, Mr. Mahipal Singh Lohani, Mr. Kundan Singh Jeena, Bhagwan Singh Jeena and Diwan Singh in conducting the program.









A Report on 18th Parthenium Awareness Week-2023







क्रंचन नैनवारन ने किसानों को बनाया की गाजर घाय का

Krishi Vigyan Kendra, Pithoragarh

The 18th Parthenium awareness week was organized at Krishi Vigyan Kendra, Gaina, Aincholi, Pithoragarh. During this week several activities conducted to create awareness on Parthenium grass, its harmful aspects and management among the field workers and farmers. The poster of 18th Parthenium Awareness week Programme displayed at the front of KVK building and this poster is also distributed in various WhatsApp group of farmers to create the awareness visitors at KVK and farmers. Dr. Alankar Singh, Dr. Abhishek Bahuguna, Dr. Mahendra Singh, Swati Garbyal, Dr. Kanchan Arya, Dr. Dinesh Kumar Chaurasia, Mr. JeevalLal, Mr. Vinay Kumar, Mr. Sandeep, Smt. Babli and Smt. Sunita participated in this programme. KVK specialists addressed the farmers about the harmful aspects of Parthenium grass and how this grass is controlled. Plant Protection Specialist Dr. Mahendra Singh told the farmers the Parthenium grass is controlled by an insect named Mexican Bean Beetle (Zygogramma Bicolorata). Dr. Kanchan Arya, Specialist Animal Science told the farmers the hazardous effects of this grass on animal stomach and how the farmers managed this problem. All the staff members and farmers eradicate the Parthenim plants near the surroundings of Krishi Vigyan Kendra and road side. Dr. Abhishek Bahuguna told the farmers the reason for the decline in vegetables from Parthenium and how to take care of their garden with Parthenium. 131 farmers participated in this Parthenium Awareness programme.











Krishi Vigyan Kendra, Uttarkashi

The 'Parthenium Awareness Week-2023' was conducted at Krishi Vigyan Kendra, Uttarkashi from 16-22 August, 2023. During the week, awareness was created among the farm workers on ill effects of Parthenium and ways and means of controlling its spread. The significance of uprooting the weed before flowering was also stressed upon.















2.20 WEST BENGAL

In the state of West Bengal, 'Parthenium Awareness Week-2023' was celebrated by the ICAR-Central Inland Fisheries Research Institute, Barrackpore; AICRP-WM, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia and Krishi Vigyan Kendra, Uttar Dinajpur.

ICAR-Central Inland Fisheries Research Institute, Barrackpore

ICAR-CIFRI has been auspiciously celebrated 18th Parthenium Awareness Week during 16-22 Aug, 2023 at its Head Quarter, Barrackpore, Kolkata. As Parthenium (Parthenium hysterophorus), the 'Congress Grass', the 'Carrot Weed' the 'Gajar Grass' is a great menace impacting public health to a great extent, developing dermatitis, nasaldermatitis, asthma. It has been widely spread across the country already covered more than 35 million hectare, causing ill affect not only in human being but also in grazing animals. Nation-wise a special awareness week being celebrated every year as to combat the great menace of parthenium across the country, where ICAR-CIFRI also being involved in disseminating awareness to the people who are residing across inland open water systems besides surrounding of the Institute. ICAR-CIFRI undertook a week longmass campaign on how to combat the menace of this weed where the programme was led by Dr. B. K. Das, Director, ICAR-CIFRI on 16 Aug, 2023 starting with clearance of any untoward parthenium in the Institute campus, followed by nearby areas beyond office premises. Awareness campaigns were conducted including field activities in uprooting this weed involving active participation of the local people. Prior to clearance, the masses were exposed to this weed in their surroundings and made them aware about the consequences of this weed if not cleaned locally. The program was culminated on 22 Aug, 2023 with active participation of more than 200 officials including scientists, research scholars, technical and support staff of the Institute besides active participations from nearby local Govt. establishments.



















AICRP-WM, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia

Week long programme of various activities have been undertaken by the centre in response to the instruction made from the ICAR – Directorate of Weed Research, Jabalpur in order to observe Parthenium Awareness Week during 16-22 August 2023 as follows.

 Campaign through postering has been done in and around the office premises of the Directorate of Research, BCKV, Mohanpur and the main university campus at Mohanpur, Nadia, West Bengal. Postering has also been done in the premises of venue where the awareness programmes have been conducted.







- Chemical management of Parthenium hysterophorus weeds by spraying with chemical herbicides in the campus BCKV at Mohanpur, Nadia, West Bengal has been undertaken.
- Uprooting of Parthenium plants and dumping it in the compost pit has been performed by the students, participants of the awareness meetings and hired labours at different places in the campus of BCKV, Mohanpur, research farm and roadsides at Kalyani as well as Mohanpur, Nadia, West Bengal.
- Demonstration based chemical Parthenium control measure is also performed with the UG and Post graduate level students in the teaching and research farms of the university.
- Related literatures in Hindi, English and Bengali language are distributed for public awareness and taking measures.
- Awareness meeting cum classes on Parthenium management are organised in the college under BCKV, schools and public places.

Various activities conducted

- (1) The 1st PAW 2023 programme was organized in the Auditorium of the Amritanagar High School of Block Gosaba, Dist.- South 24 Parganas on 16.08.2023. The programme was conducted jointly with the school authority, local panchayat office and Amritabandhan Students' Welfare Society. Among our programmes, one video on Parthenium Management made by the ICAR-DWR, Jabalpur was played on the stage screen, awareness lecture on how to manage the Parthenium weeds was given by Dr Bikas Mandal, PI, AICRP-WMBCKV Centre. Total number of participants was 156 including higher class students of the school. The overall programme was fruitful and able to convince the gathering regarding the importance of managing this harmful weed in our national interest.
- (2) The 2nd awareness programme in this connection has been conducted at the office premises of D Block Farm of BCKV on 17.08.2023. The joint organizers were the AICRP on Weed Management, BCKV Mohanpur Centre, the NGO E Aqua Agro R. M. C. M. S. S. Ltd., West Bengal and the Farm Manager of the research farm. About 45 participants took part in this programme and among them were the farmers, traders of agricultural inputs like fertilizers, pesticides, implements etc of the district of North 24







Parganas, farmers of the locality, other present trainees of the service provider and officials of both NGO and the AICRP on Weed Management. Besides the speeches and training classes on this weed with its menace and scopes in agriculture, demonstration programme was also conducted on uprooting of parthenium plants from infested field of Parthenium weed with the help of experts in this field. Dr S. Sarkar (Jr. Agronomist, AICRP on Weed Management) and Dr Sarat K. Raj were present among the experts in the programme. The participants showed their very positive response in this regard for adoption the technology for their own in coming days.

- (3) Another Awareness programmes have been conducted in municipal areas, roads, markets at Kalyani and Gayeshpur, Nadia on 19.08.2023, 20.08.2023 and 22.08.2022, respectively. More than 200 people were attended in the programmes. Leaflets, handbills, posters were used to aware and convince the gatherings of mass on parthenium menace. The participants expressed their well convinced response in the programme and requested the officials of the university (AICRP-WM) for conducting such programme in large pre-planned way.
- (4) Necessary communications of activities have been made to the local news papers for wide circulation through publishing the same.









A Report on 18th Parthenium Awareness Week-2023











Krishi Vigyan Kendra, Uttar Dinajpur

The 'Parthenium Awareness Week-2023' was organised by Uttar Dinajpur Krishi Vigyan Kendra, UBKV, Chopra, Uttar Dinajpur during 16-22 August, 2023. In view of the seriousness and magnitude of the threat posed by this weed, Uttar Dinajpur Krishi Vigyan Kendra observed 'Parthenium Awareness Week' during 16-22 August, 2023 to make farmers and general public aware about the menace of Parthenium, which is responsible for causing health problems in human beings and animals, besides deteriorating environment, loss of productivity and biodiversity. Uttar Dinajpur Krishi Vigyan Kendra organised activities for Parthenium uprooting in the campus during the week. A rally was also organised in the institute for spreading awareness regarding harmful effects of parthenium and importance of its uprooting. Most of the staff participated in the activity. Several trainees of the institute were also trained on identifying Parthenium plant, harmful effects of the plant and the







importance of uprooting them. Farmers were also advised to grow fast growing crops like sorghum to suppress the growth of parthenium in their filed. Other control methods like spraying herbicides biological control measures etc. were also explained to the farmers.





কৃষিবিজ্ঞান কেন্দ্রের উদ্যোগে পার্থেনিয়াম সচেতনতা সপ্তাহ পালন চোপড়ায়

সুবল গোপ, মা মাটি মানুষ, উত্তর দিনাজপুর

উত্তর দিনাজপুর কৃষি বিজ্ঞান কেন্দ্রের উলোখে পার্থেনিয়ান সচেতনতা সন্ত্রাহ পালন করা হয় ক্রাপান্তায়। এই সচেতনতা সন্ত্রাহ কল হয় ১৬ই জাগান্ট। মালগরার সন্ত্রাহের দেশ দিনে কৃষি বিজ্ঞান কেন্দ্রে আলোচনাতে প্রধানত পার্থেনিয়ামের অভিবারক দিবজলি বুলে বরা হয় এবং এর থেকে কিভাবে কল্পোন্ট তৈরি করা যেতে পারে বা নিতে হাতে কলমে প্রশিক্ষণ দেওয়া হয় কৃষক দের।

এছাড়াও এদিন কৃষি বিজ্ঞান কেন্দ্র চত্তব ও রন্তার ভারপাশে পার্মেনিয়ান নির্মূণ করা হয়। এই অভিযানে অংশগ্রহণ করেন কৃষি বিজ্ঞান কেন্দ্রের



ক্ষকরা। আলোচনা সভার পার্যেনিয়াম সম্পর্কের কেন্দ্রের পক্ষে ভঙ্কর দেবাশীর মাহারো









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