



**INTENSIVE
AGRICULTURE
PROGRAM
INCLUDING
REVIVAL AND
SUSTAINABLE
INTENSIFICATION
OF FORGOTTEN
CROPS**

2024-2025



WOMEN LEADERSHIP IN AGRICULTURE

Lallo Sahoo, W/o Somra sahoo, resident of village Joketa, GP Nuagaon cultivated red gram in her 2.5 acre land by the support and help of OSVSWA team in Nuagaon block.

She doubled her income by using inputs from IAP scheme of Govt. of Odisha 50,000-65,000 to 80,000-95,000. She became an example for other women farmers as applying the modern techniques in cultivation practices. Her expertise made her a trusted resource in the village, with fellow farmers seeking her advice on sustainable practices. Lallo not only secured a better income for her family but also gained confidence in decision-making, especially in farm management. With her success, she actively participated in farmer group meetings and encouraged other women to come forward and adopt improved practices. Her leadership has started breaking the barriers of traditional gender roles in agriculture.

Today, she dreams of expanding her work further by experimenting with crop diversification and linking with local markets for better prices. With the support of OSVSWA and the government schemes, she envisions creating a collective network of women farmers in her area so that they can learn, earn, and grow together sustainably.

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YOUNG INFLUENCER IN AGRICULTURE



A 25- years old graduate, named Sanjay sahuo cultivated red gram in his rented 2.5acres of land in Joketa village in Nuagaon block. By the help of OSVSWA team he involved in IAP scheme and as a result of which he increased his income by 35,000-40,000 in a single season.

His next plan includes expanding his land and investing in mechanized equipments to reduce labour costs. His rapid rise from local graduate to agricultural leader highlights how young innovators can drive rural transformation.

Sanjay's success has also inspired many other youths in his village to view farming as a profitable and respectable livelihood option. By combining education with modern agricultural methods, he is setting an example of how youth can bring fresh ideas and energy into farming. His approach challenges the common trend of youth migration to cities in search of jobs.

With growing confidence, Sanjay now aims to diversify his cropping system by including vegetables and other pulses alongside red gram. This will not only increase his annual income but also ensure year-round employment and food security. His story reflects the power of youth-led innovation in transforming agriculture into a sustainable livelihood.

Sowing Success with Integrated Pest Management



Chitan Bruh, native of Asanbeda village, Nuagaon GP combined traditional farming with Integrated pest management in his 2acre land for arhar cultivation and got more profit due to less expenditures for controlling insect and pest in cultivation practice. He earned 50,000 to 65,000 which gave a very good support for his financial strength with the helping hand of OSVSWA. As an experienced farmer, farmers of his locality showing interest towards his knowledge about these best practices and government schemes. In upcoming years he is aiming for expanding his area under arhar cultivation.

Encouraged by his success, Chitan has also started guiding fellow farmers on how adopting IPM reduces dependence on chemical pesticides while improving soil health. His active participation in community meetings and farmer training sessions is motivating more small farmers to shift towards eco-friendly farming practices.

Moreover, with growing confidence, he is exploring opportunities to form a collective with nearby farmers for bulk marketing of arhar produce. This would not only fetch them better prices but also strengthen their bargaining power in the local market, ensuring a sustainable livelihood for the farming community.

Transforming Nuagan: A Journey Towards Sustainable Pigeon Pea Cultivation



Nuagan village which is situated in Badakanthakul GP. The village was 25 km far from the block headquarters of Angul. Here Nearly 55 HHs are situated. Mostly People of this village belongs to General and few people Scheduled Tribe (ST) and Scheduled Castes (ST) Community. The Livelihood of this Village Mostly depending upon Agriculture, Forest and Livestock Yield Products.

In the 3rd Year of Operation in Angul Block, Odisha State Volunteers and Social Workers Association (OSVSWA). Approached this village for Intensive Agriculture Programme (Pulses Sector). In the First Village Awareness Meeting Nearly 45 Farmers Joined & Getting to Know about pigeon pea Cultivation & Its Benefits. But only 35 Farmers among them interested in pigeon pea Cultivation. Again 2nd Awareness and Capacity Building meeting 50 no of Farmers interested in pigeon pea Cultivation in 20 ha area on cluster Demostation. Out of 50 farmers Mr. Suratha Naik. one of them. After 2days of seed distribution he will be sowing seed in main field 1ha. Before sowing the pigeon pea seed he will be apply Boarx in soil application, seed treatment with R.culture and PSB Liquid and also apply Pre emergence Weedcides for control weed growth . This seed and Input supplied by Govt. of Odisha, ICRISAT and OSVSWA collaboration. Also After Plant growth PP chemical, Nano DAPsupplied Govt. of Odisha, ICRISAT and OSVSWA collaboration for Pest and disease control. Our Staffs visits regular Basis & Guiding them for pigeon pea Cultivation. We Guide them to How apply the input in their fileds and also give training. How control Weed, Pest, Disease. We Guide them to How to prepare Jeevamruta & Handi Khata & its Application in their Fields.

At the time of Harvesting Mr. Mr. Suratha Naik Harvested 9 Quintals of pigeon pea from their Fields. In last year same in area of land he will be harvested 5.5 qtl of Pigeon pea . Out of Harvested 9 Quintals of pigeon pea 8 Qtl sold to local market and 1 qtl store for Food and seed purpose

Mr. Suratha Naik says: "Thanks Govt. of Odisha , International Crops Research Institute For the semi-Arid Trpics (ICRISAT)) and Odisha State Volunteers and Social Workers Association (OSVSWA) to giving me opportunity to serving & helping my people of my village. I am very much happy being a part of the Intensive Agriculture Programme (Pulses Sector) for a noble cause for promoting of cultivation of Pulses in our Block. A big Thanks to all the Intensive Agriculture Programme (Pulses Sector) staffs, whose are working for development of our Block & life of our people. I am eagerly ready whenever IAP needs me for helping our people."

Blending Tradition with Technology: Subash's Path to Profitable Pigeon Pea Cultivation



Subash, a 54-year-old Combined traditional Cultivation with Morden Technology on his 2ha land. Since the Participation to the IAP Programme. Through IAP Programme he will apply Chemical Weedicides (pendimethalin 30 EC) after 72 hr. of Pigeon Pea seed sowing. So weed germination will less and Man power also required less for weeding and labour cost will be Minimum.

With the adoption of these improved practices, Subash noticed that his crop growth was healthier and more uniform. Reduced weed competition allowed the plants to absorb better nutrients from the soil, resulting in higher yield prospects. This not only enhanced his income but also gave him the confidence to further expand pigeon pea cultivation in the coming seasons.

Encouraged by his success, Subash has also started sharing his experiences with fellow farmers in the locality. Many of them are motivated to try similar methods, recognizing the benefits of integrating modern inputs with their traditional farming knowledge. Subash now aims to lead by example, creating awareness about scientific farming practices and contributing towards sustainable agriculture in his community.



Enhancing Yield through Line Sowing and Proper Spacing in Pigeon Pea



Suratha, a 38- Year-old Combined traditional Cultivation with Modern Technology on his 1ha land. Since the Participation to the IAP Programme. In IAP Programme he will Sowing Seed through line in proper spacing 45*120 cm. For proper spacing maintain weed germination will be less and Plant will be grown Healthy. He will Harvest more yield.

By maintaining proper spacing, Suratha observed that sunlight and airflow between the plants improved, reducing the chances of pest and disease infestation. This not only ensured a healthier crop but also reduced the dependency on chemical pesticides. Such benefits lowered his cultivation expenses while improving the quality of his pigeon pea harvest.



Inspired by these results, Suratha has become more confident in trying new farming technologies. He now encourages his fellow farmers to adopt line sowing and proper spacing techniques for better yields. His journey shows how integrating simple scientific practices with traditional methods can make farming more sustainable and profitable.

From Soil to Strength: Pramila's Journey



Pramila, a 50- Year-old Combined traditional Cultivation with Modern Technology on his 1 ha land. Since the Participation to the IAP Programme. In IAP Programme she will before sowing the seed treated with PSB liquid 2lt in 15 kg of pigeon pea seed. So, after sowing Plant will be germinated Successfully.

With healthy germination, Pramila noticed uniform plant growth across her field. The improved root development not only enhanced the plants' nutrient absorption but also increased their resistance against pests and diseases. This gave her the confidence to continue with scientific farming practices in the future.

Inspired by her success, Pramila has begun encouraging other women farmers in her village to adopt seed treatment and other modern methods. She believes that if more women engage in such improved practices, the community as a whole will benefit from higher yields, better food security, and increased income. Her story is a true example of how women farmers are leading agricultural innovation at the grassroots level.

Shared Efforts, Shared Success: The Story of Maa Basudha SHG



Maa Basudha SHG Combined traditional Cultivation with Modern Technology on his 2.5 ha land. Since the Participation to the IAP Programme. In IAP Programme all SHG members togetherly cultivate a land. Her all SHG members after harvesting pigeon pea 4 qtl grain storage for Consumption and 7 qtl selling in the local market.

Through collective farming, the group was able to share responsibilities, reduce individual risks, and lower cultivation costs. The training and inputs provided under the programme helped them adopt scientific practices like proper spacing, weed and pest management, and organic formulations, which improved the yield. This strengthened their confidence in continuing pigeon pea cultivation as a reliable livelihood option.

Encouraged by their success, the SHG is now planning to scale up their activities by expanding the cultivation area and engaging in value addition such as dal processing and packaging. This step will not only fetch them better market prices but also open up opportunities for local employment, showcasing how women-led groups can transform agriculture into a sustainable and empowering livelihood model.
