

SUCCESS STORIES

Success story of cashew farmer Sri Muppena Ramana Reddy, Gopalapuram village and Mandal, West Godavari District, Andhra Pradesh

Sri. Muppena Ramana Reddy S/o. Rama Krishna Reddy aged about 45 years, hailing from Gopalapuram village and mandal, West Godavari District, Andhra Pradesh.

Sri.Muppena Ramana Reddy is a tobacco farmer where maximum cultivation of tobacco is existing in the vicinity of Gopalapuram area. He is having 6 acres of land, out of which he was cultivating tobacco in four acres of land. Old cashew plantation (20 years) is existing in another two acres which is of seedling orchards. For the past twenty years Sri M. Ramana Reddy, is completely depended on his tobacco crop as a major livelihood. He used to invest Rs. 50,000 -75,000/- per acre per year. Many of the times the returns are always very meager and even used to get a loss of Rs. 20,000- 30,000 per acre. He has discontinued the cultivation of tobacco due to fluctuation of price in the market every year and he has to wait for the returns for long time even after disposal of his produce. These conditions led him for crop diversification.

Sri. Muppena Ramana Reddy approached Cashew Research Station, Bapatla during January, 2013 and as per the suggestion of Scientists of cashew Research Station, Bapatla, he has taken up cashew plantation with high yielding hybrids BPP-8 and BPP-9. Sri M. Ramana Reddy had procured grafts from CRS, Bapatla during January, 2013 and planted 200 cashew grafts.

Sri M. Ramana Reddy adopted the package of practices as per the guidelines of CRS, Bapatla and had adopted all the technological aspects like proper planting, pruning, irrigation, fertilizer application and pest and disease management. His cashew grafts started yielding since third year onwards. During the 3rd year itself he got a yield of 1.6 - 2 Kg/plant. During the 4th year he harvested 6 Kg/ plant i.e. in the year 2016. During the 5th year i.e. 2017 he harvested 12.8 Kg/plant, totally he harvested 32 bags of each 80 Kg from his 200 plants of four acres area with BPP-8 and BPP-9 hybrids of CRS, Bapatla.

Yield particulars of Cashew orchard of Sri. M. Ramana Reddy

(Date of Planting: January, 2013)

Year of Harvest	Spacing (m)	Harvest Number	Yield/Plant (kg)	Yield (kg)/4 acres	Yield/Ha (kg)
2015	8X9	1 st	1.20	320	200
2016	8X9	2 nd	6.00	1200	750
2017	8X9	3 rd	12.80	2560	1600

(The Average productivity per hectare in India is 1350 kg.)

During the year 2017, by sale of his raw cashew nuts i.e., 32 bags @ Rs.13,500/- per bag he got the Gross income of Rs. 4,32,000/-. The expenditure incurred during the current season (2016-17) is Rs.40,000/-. The net income he got from his 4 acres of Cashew orchard is Rs. 3,92,000/-.

By getting the good profits from his cashew orchard Sri.M. Ramana Reddy is able to start the construction of RCC building with an investment of Rs.15 lakhs.

Now Sri.M. Ramana Reddy S/o Rama Krishna Reddy is a model farmer and also inspiration to many of the cashew farmers not only in the district of West Godavari and entire Andhra Pradesh. By seeing his garden surroundings of Gopalapuram area, around 500 ha of new cashew plantation was established during the last two years.



Sri. M. Ramana Reddy in his cashew orchard

Visit of Scientists of Cashew Research Station, Bapatla to Sri.M.Ramana Reddy Cashew Orchard along with Horticulture Officer, Devarapalli

జీడి తోటలకు సస్యరక్షణ చర్యలు చేపట్టాలి





రైతు ముప్పన రమణారెడ్డి పొలంలో జీడి తోటలను పరిశీలిస్తున్న ఉద్యాన శాఖాధికారులు

గోపాలపురం, న్యూస్‌లైన్ : రైతులు జీడి తోటలకు సకాలంలో సస్యరక్షణ చర్యలు చేపడితే అధిక దిగుబడులు సాధించవచ్చని బాపట్ల జీడి మామిడి పరిశోధనాసంస్థ సీనియర్ శాస్త్రవేత్త డాక్టర్ ఎన్ ఉమామహేశ్వర్ రెడ్డి అన్నారు. స్థానిక ముప్పన రమణారెడ్డి జీడితోటలను ఆదివారం ఆయన, బృందం పరిశీలించారు. ఉమామహేశ్వర్‌రెడ్డి మాట్లాడుతూ తోటల్లో బీదోమల ఉద్యోగికి బీటయ నిటిలో 2 ఎంఎల్ క్లోరిఫైరిఫాస్ సిల్వికారి వేయాలన్నారు. తోటలకు గాలినిరు ఎంతో అవసరమన్నారు. రసాయనిక ఎరువులతో పాటు విరివిగా పసుపుల ఎరువులు వాడాలని సూచించారు. బాపట్ల పరిశోధనా సంస్థ ద్వారా తయారుచేసిన బీసీపీ-08, బీసీపీ 08 రకాలు నాణ్యతలను అధిక దిగుబడులు సాధించవచ్చునని తెలిపారు. పూత దశలో తీసుకోవాల్సిన జాగ్రత్తలను రైతులకు వివరించారు. ఉద్యాన శాఖాధికారి బి.దేవదానం, బాస్కర్, రైతులు రమణారెడ్డి, కర్లపూడి సత్యనారాయణ, ఎం.అప్పారెడ్డి పాల్గొన్నారు.

Success Story of Cashew Farmers of Maharashtra - Shri. Vilas Anantrao Thakur





1.	Farmer Name	:	Shri. Vilas Anantrao Thakur
2.	Address	:	Math, Gawadewadi, Vengurla Tal. Vengurla Dist. Sindhudurg, Maharashtra
3.	Contact number details	:	Landline No. 02366-264243 Mob. No. 9422436681
4.	Area/Land details	:	16.42 ha Venue: Math, Vengurla Water Source: Well, Bore well
5.	If you are the member of any social society (if yes) give details	:	1) Member of Caju Utpadak Sangh, Vengurla 2) Member of ATMA, Vengurla

6.	If you are take the advantages of Central and State Government Scheme (if yes) give details	:	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Scheme Name</th> <th>Beneficiary Year</th> <th>Amount (Rs.)</th> <th colspan="2">Work type</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Employment Garrenty Scheme – Fruit Crop Plantation</td> <td>1992</td> <td>80,000/-</td> <td colspan="2">Cashew grafts plantation</td> </tr> </tbody> </table>					Sr. No.	Scheme Name	Beneficiary Year	Amount (Rs.)	Work type		1.	Employment Garrenty Scheme – Fruit Crop Plantation	1992	80,000/-	Cashew grafts plantation										
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7.	Which are agriculture technologies, improved method adopted (If yes) give details	:	<ol style="list-style-type: none"> 1. The improved cashew varieties grafts Vengurla-4 and Vengurla-7 planted under the guidelines of AICRP-Cashew, RFRS Vengurle scientists (D BSKKV, Dapoli). 2. Adopted the recommended dose of manure and fertilizer for cashew under the guidance of AICRP-Cashew, RFRS Vengurle scientists. 3. Adopted the plant protection schedule recommended by DBSKKV, Dapoli under the guidance of AICRP-Cashew, RFRS Vengurle scientists. 4. For better and effective utilization of water, drip irrigation is installed and drip irrigation applied to cashew as per the guidelines of cashew scientists. 																									
8.	Cashew yield enhancement after adopting the different technology developed by AICRP-Cashew, Vengurle (DBSKKV, Dapoli) (If yes give the details)	:	<table border="1"> <thead> <tr> <th>Productivity</th> <th>By adoption of improved cashew production technologies</th> <th>By adopting traditional method of crop production</th> </tr> </thead> <tbody> <tr> <td>Productivity per ha (Q.)</td> <td>35 Q/ha</td> <td>10 Q/ha</td> </tr> <tr> <td>Cost of cultivation per ha (Rs.)</td> <td>100000/-</td> <td>60000/-</td> </tr> <tr> <td>Net return Rs/ha</td> <td>250000/-</td> <td>90000/-</td> </tr> <tr> <td>Rate obtain for 1 tone raw nut (Rs.)</td> <td>150000/-</td> <td>150000/-</td> </tr> <tr> <td>Saving of natural resources (Ex. Land, water etc.) %</td> <td>60%</td> <td>40%</td> </tr> <tr> <td>Increment in yield</td> <td>64%</td> <td>40%</td> </tr> </tbody> </table>					Productivity	By adoption of improved cashew production technologies	By adopting traditional method of crop production	Productivity per ha (Q.)	35 Q/ha	10 Q/ha	Cost of cultivation per ha (Rs.)	100000/-	60000/-	Net return Rs/ha	250000/-	90000/-	Rate obtain for 1 tone raw nut (Rs.)	150000/-	150000/-	Saving of natural resources (Ex. Land, water etc.) %	60%	40%	Increment in yield	64%	40%
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9.	Marketing method How to sale the produce (raw nut and apple)	:	<ul style="list-style-type: none"> ➤ Personal – sale the raw nuts to the cashew processing factories in Sindhudurg district. ➤ Co-operative society – 35% of production sale through co-operative society. ➤ Contract farming – Nil ➤ Export - Nil 																									
10.	Which are things responsible for successful farming	:	<ol style="list-style-type: none"> 1. Planting of high yielding improved cashew varieties and adopted water management and plant protection schedule recommended by AICRP-Cashew, RFRS Vengurle (DBSKKV, Dapoli) 																									

11.	Photograph of Shri. Vilas Anantrao Thakur, cashew plantation and nut & apple of cashew variety V-4 & V-7	:    
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Success Story of Farmers of Maharashtra - Shri. Raja Rajeshwar Mavalankar

1.	Farmer Name	: Shri. Raja Rajeshwar Mavalankar
2.	Address	: Banda (Panwal), Post. Degve Tal. Sawantwadi Dist. Sindhudurg, Maharashtra
3.	Contact number details	: Landline No. - Mob. No. 9422632478
4.	Area/Land details	: 18.0ha Venue Banda (Panwal), Water Source: Well, Bore well
5.	Personal information	<ul style="list-style-type: none"> ➤ Age- 53 years ➤ Experience in farming- 20 years ➤ Education - B. A.
6.	Crop taken	: Cashew and coconut
7.	Other related agro-business	: Cashew processing and fenny making (At Goa)
8.	Training attended	: 8 days training on rural development Three days training programme on cashewnut at RFRS, Vengurle
	Which are agriculture technologies, improved method developed by university are adopted (If yes) give details	: 1. The improved cashew varieties grafts Vengurla-4 and Vengurla-7 planted under the guidelines of AICRP-Cashew, RFRS Vengurle scientists (D BSKKV, Dapoli). 2. Adopted the recommended dose of manure and fertilizer for cashew under the guidance of AICRP-Cashew, RFRS Vengurle scientists. 3. Adopted the plant protection schedule

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7.	What type of co-operation obtained from AICRP-Cashew, RFRS, Vengurle (DBSKKV)	: 1. Technical information on cashew cultivation 2. Insect pest of cashew and their Management																					
8.	What was the position before start the cashew cultivation Cashew yield enhancement after adopting the different technology developed by AICRP-Cashew, Vengurle (DBSKKV, Dapoli) (If yes give the details)	: All the area was completely covered with forest. : <table border="1"> <thead> <tr> <th>Productivity</th> <th>By adoption of improved cashew production technologies</th> <th>By adopting traditional method of crop production</th> </tr> </thead> <tbody> <tr> <td>Productivity per ha (Q.)</td> <td>30 Q/ha</td> <td>10 Q/ha</td> </tr> <tr> <td>Cost of cultivation per ha (Rs.)</td> <td>100000/-</td> <td>60000/-</td> </tr> <tr> <td>Net return Rs/ha</td> <td>350000/-</td> <td>90000/-</td> </tr> <tr> <td>Rate obtain for 1 tone raw nut (Rs.)</td> <td>150000/-</td> <td>150000/-</td> </tr> <tr> <td>Saving of natural resources (Ex. Land, water etc.) %</td> <td>80%</td> <td>40%</td> </tr> <tr> <td>Increment in yield</td> <td>74.28%</td> <td>40%</td> </tr> </tbody> </table>	Productivity	By adoption of improved cashew production technologies	By adopting traditional method of crop production	Productivity per ha (Q.)	30 Q/ha	10 Q/ha	Cost of cultivation per ha (Rs.)	100000/-	60000/-	Net return Rs/ha	350000/-	90000/-	Rate obtain for 1 tone raw nut (Rs.)	150000/-	150000/-	Saving of natural resources (Ex. Land, water etc.) %	80%	40%	Increment in yield	74.28%	40%
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9.	Marketing method How to sale the produce (raw nut and apple)	: <ul style="list-style-type: none"> ➤ RCN use for personal cashew factories ➤ RCN raw nuts also sale in the market ➤ Contract farming – Nil ➤ Export - Nil 																					
10.	Which are things responsible for successful farming	: 3. Planting of high yielding improved cashew varieties (V-4 & V-7) and adopted water management and plant protection schedule recommended by AICRP-Cashew, RFRS Vengurle (DBSKKV, Dapoli)																					
11.	Photograph of Shri. Raja Rajeshwar Mavalankar & their cashew plantation. Cashew apple juice extracting machine.	:    																					

SUCCESS STORY OF REMUNERATIVE CASHEW CULTIVATION BY A FARMER UNDER THE GUIDANCE OF AICRP ON CASHEW, DARISAI CENTRE, EAST SINGBHUM, JHARKHAND

Sri Jadunath Soren is an inhabitant of Village- Rawtara under the block- Dhalbhumgarh of East Singbhum district of the state of Jharkhand. Mr. Soren was by profession a teacher in a private school struggling tremendously for the livelihood and upbringing of the family with meager income by his profession.

He came in contact with the scientist Dr. Pawan Kumar Jha, I/c AICRP on Cashew, Darisai centre and eventually convinced and motivated for cashew plantation in his ancestral land having low fertility level. Mr. Soren started the venture of cashew plantation under the guidance of AICRP on Cashew, Darisai centre, East Singbhum, Jharkhand, five years back in 3.0 hectare of land. 'Jagannath' variety of cashew which is very promising in the locality was selected for plantation. Plants were planted as per scientific package of practices in 5mx5m spacing accommodating 400 number of plants in unit hectare thus for three hectares it came to 1200 plants in total. RDF applied was 500g N, 250 g P₂O₅ and 250g K₂O per plant. After five years of plantation, Sri Soren received approximately 1400 kg of harvested cashewnuts per hectare accounting to 4200 Kg for three hectares in 3rd year of bearing after 5 years of planting (As the bearing started from 3rd year onwards after planting) and sold the harvested cashewnut at the rate of Rs.150/- per Kg which came to Rs. 2.10 lacs per hectare and 6.30 lacs for three hectares as a gross income. If Rs. 0.48 lacs is deducted as cost of cultivation, Sri Soren has earned a handsome net return of Rs. 1.62 lacs for a hectare and cumulative of Rs. 4.86 lacs for three hectares by growing cashew meanwhile Sri Soren had been also advised by the scientist incharge to take vegetables viz. tomato, okra and green gram as pulse crop in newly planted cashew orchard as intercrops to earn additional income thus combat lean period of cashew bearing.

Moreover, among the intercrops okra, tomato and green gram produced 61 quintal, 93 quintal and 9 quintal of yield per hectare in one season accounting to Rs 61,000, Rs. 93,000 and Rs. 45,000 respectively as gross and Rs 41,000, Rs. 73,000 and Rs. 25,000 respectively as net income with the endeavour.

Now Sri Soren is incredibly happy and satisfied with the cashew cultivation which he has taken up as a profession. The cashew cultivation has significantly enhanced the annual income and livelihood of the family and Sri Soren's dreams are going to become true with it. Following his success more and more farmers are coming ahead for adopting highly remunerative enterprises of cashew plantation.