



FIRELINES REPORT- 2025

Strengthening Sustainable Agriculture and Biodiversity Across Landscapes in Eastern & Western Ghats of India

(SABAL)

Introduction:

SABAL is promoting Fire Lines in Cashew & Coffee Intensification plots for Protection from the Forest Wild Fire, Fire lines are extremely important, especially when the farm is adjacent to a forest area. In the earlier, so far 20-25 Acres of Cashew & 15-20 Acres of Coffee plots were fired by Forest Fire in Pinakota & DGonduru Micro-Landscapes.



Why Fire lines Required:

1. Prevents Forest Fires: Forest fires can easily spread to cashew plantations, causing significant damage. Fire lines act as a barrier to prevent the spread of fires.
2. Protects Cashew Trees: Cashew trees are highly susceptible to fire damage. Fire lines help protect the trees from heat, flames, and sparks.

3. Reduces Risk of Pest and Disease Spread: Forests can harbour pests and diseases that can affect cashew trees. Fire lines can help reduce the risk of pest and disease spread by creating a physical barrier.
4. Facilitates Fire Management: Fire lines provide a clear path for firefighters to access the area in case of a fire, making it easier to manage and control the fire.
5. Enhances Farm Security: Fire lines can also serve as a physical barrier to prevent animal incursions and human trespassing, enhancing farm security.
6. Compliance with Regulations: In many regions, having fire lines is a regulatory requirement for farms adjacent to forest areas.

Best Practices for Fire Lines:

- A. Create a fire line that is at least 3-5 meters wide.
- B. Clear the fire line of all vegetation, debris, and flammable materials.
- C. Use fire-resistant materials like gravel, sand, or clay to create the fire line.
- D. Regularly inspect and maintain the fire line to ensure its effectiveness.
- E. Train farm staff and neighbours on fire prevention and management.

Note:

By implementing fire lines, cashew & Coffee farmers can significantly reduce the risk of fire damage, protect their trees, and ensure a sustainable and profitable farming operation.

In this context,

For 2025, SABAL has done a Service Contract for FIRE LINES with **Adavithalli Girijana Mahila MACS** for Cashew Eco-Intensification Plots in Pinakota Micro-Landscape and with **DGonduru Rythu Uthpaththidarula Seva mariyu MACS** for Coffee Eco-Intensification Plots in DGonduru Micro Landscape.

In 2025, SABAL has offered 4500 Sq. Meters for both Cashew (3500 Sq. Mtrs) and Coffee (1000 Sq. Mtrs) intensification plots to do the Firelines. SABAL has provided Rs.50/- for each Sq. Meter.

Adoption:

Also, nearly 214 Coffee & Cashew farmers (DGonduru-78, Pinakota-84 & MNittaputtu-52) were adopted the activity in 2025.

ABSTRACT OF FIRELINES ACTIVITY IN CASHEW & COFFEE- 2025										
S.No	Name of the FPO (Service Provider)	Crop	Landscape Name	MOU for the Length (In Meters)	Farmers Covered under this activity	Per Farmer (Length in Meters of Fire lines)	Actual Work Done (In. Meters)	Community Contribution (Sq. Meters)	Total Meters covered under fire lines	Total Amount has to be paid
1	Adivithali Girijna Mahila MACS	Cashew	Pinakota	3500	70	50	3500	3947	7447	175000
2	D Gonduru Rythu Utpattidarula Seva mariyu MACS.	Coffee	D Gonduru	1000	20	50	1000	1136	2136	50000
				4500	90		4500	5083	9583	225000

Details of FIRELINES IN CASHEW- Pinakota Micro-Landscape 2025 Adivithali Girijna mahila MACS									
S.No	Village Name	Farmer Name	Lattitude	Langitude	Land Size of the farmer	Atually Firelines Completed Length (Meters)-	Offered Size from Project (Meters)	Community Contribution (meters)	Amount to be paid to FPO from Project (Rs.)
1	Chinthapaka	Madugula. Devudamma	18.054595	82.957868	1 Acr	100	50	50	2500
2	Chinthapaka	Chintha .Laxman rao	18.060112	82.948194	1 Acr	126	50	76	2500
3	Chinthapaka	Chintha .Demudu	18.0583381	82.948233	1 Acr	114	50	64	2500

4	Chinthapaka	Thamarala .Mamma	18.058078	82.954536	1 Acr	120	50	70	2500
5	Chinthapaka	Chintha .Mallibabu	18.06135	82.947936	1 Acr	100	50	50	2500
6	Chinthapaka	Chintha .Jamulamma	18.058257	82.954581	1 Acr	100	50	50	2500
7	Chinthapaka	Gemeli. Bhemanna	18.060688	82.951161	1 Acr	110	50	60	2500
8	Chinthapaka	Kandhula .Gayathri	18.050365	82.959057	1 Acr	100	50	50	2500
9	Chinthapaka	Vanthala .Laxmi	18.05945	82.954398	1 Acr	100	50	50	2500
10	Cheedimettu	Kinche .Ramarao	18.06145	82.951793	1 Acr	110	50	60	2500
11	Chinthapaka	Kandhula .Kannaya	18.057919	82.955043	1 Acr	100	50	50	2500
12	Chinthapaka	Vanthala .laxmi	18.06053	82.951803	1 Acr	101	50	51	2500
13	Bonuru	Samba .Chinayya	18.05367	82.957831	1 Acr	108	50	58	2500
14	Chinthapaka	Chintha .Jamulamma	18.059607	82.954333	1 Acr	109	50	59	2500
15	Pinakota	Sonabariki.Nirosa	18.07739	82.94731	1 Acr	100	50	50	2500
16	Pinakota	Sonabariki.Sanayasarao	18.072201	82.948979	1 Acr	104	50	54	2500
17	Pinakota	Sonabariki .Devudamma	18.075899	82.946062	1 Acr	100	50	50	2500

18	Bonuru	Sembe .Lachanna	18.042917	82.941239	1 Acr	109	50	59	2500
19	Bonuru	Sembe .Ramanna	18.042658	82.941072	1 Acr	100	50	50	2500
20	Bonuru	Sembe .Manalanna	18.039584	82.939943	1 Acr	120	50	70	2500
21	Bonuru	Madhela .Somanna	18.038759	82.938808	1 Acr	114	50	64	2500
22	Ballagaruvu	Gemeli .Sanayasamma	18.057723	82.936628	1 Acr	100	50	50	2500
23	Ballagaruvu	Gemeli.Kondamma	18.057883	82.938233	1 Acr	108	50	58	2500
24	Cheedimettu	Gemeli .Raju	18.061158	82.934455	1 Acr	105	50	55	2500
25	Ballagaruvu	Gemeli .Nilamma	18.056982	82.938052	1 Acr	100	50	50	2500
26	Ballagaruvu	Chintha .Devi	18.057673	82.93736	1 Acr	113	50	63	2500
27	Ballagaruvu	Gemeli .Sithamma	18.057315	82.93743	1 Acr	100	50	50	2500
28	Ballagaruvu	Gemeli .Pedithallamma	18.05645	82.939833	1 Acr	100	50	50	2500
29	Ballagaruvu	Chintha .Kondababu	18.063213	82.934217	1 Acr	100	50	50	2500
30	Ballagaruvu	Chintha .Singanna	18.063575	82.936043	1 Acr	100	50	50	2500
31	Ballagaruvu	Chintha .Raju	18.06199	82.930452	1 Acr	100	50	50	2500
32	Ballagaruvu	Gemeli .Bhemaraju	18.059859	82.935536	1 Acr	105	50	55	2500

33	Ballagaruvu	Gemeli .Bhemanna	18.057068	82.937672	1 Acr	102	50	52	2500
34	Ballagaruvu	Chintha .Singanna	18.062974	82.934554	1 Acr	100	50	50	2500
35	Ballagaruvu	Jartha .Simhachalam	18.062655	82.93654	1 Acr	120	50	70	2500
36	Vajangi	Gemeli .Padithalli	18.067327	82.922415	1 Acr	100	50	50	2500
37	Vajangi	Chitha .Bhemanna	18.059357	82.940241	1 Acr	100	50	50	2500
38	Vajangi	Kakara .Bhemanna	18.0593659	82.940577	1 Acr	110	50	60	2500
39	Vajangi	Uvulam .Nagaraju	18.061886	82.928811	1 Acr	100	50	50	2500
40	Vajangi	Gemeli. Demudu	18.0672	82.934289	1 Acr	125	50	75	2500
41	Vajangi	Kinche .Narayanamma	18.066124	82.929286	1 Acr	100	50	50	2500
42	Vajangi	Thamarala .Ramarao	18.063998	82.92779	1 Acr	100	50	50	2500
43	Vajangi	Gemeli Yerakamma	18.046035	82.984864	1 Acr	100	50	50	2500
44	Bonuru	Gemeli .Yendanna	18.062655	82.936538	1 Acr	100	50	50	2500
45	Vajangi	Gemeli .Malleswarao	18.061874	82.928475	1 Acr	110	50	60	2500
46	Vajangi	Thamarala .Chandramma	18.059563	82.921069	1 Acr	118	50	68	2500
47	Vajangi	Chintha .Bhemaraju	18.065106	82.921248	1 Acr	100	50	50	2500

48	Vajangi	Gemeli .Sathibabu	18.059408	82.925309	1 Acr	100	50	50	2500
49	Vajangi	Thamarala .Yendanna	18.05986	82.933854	1 Acr	100	50	50	2500
50	Mallampeta	Janni .Jogarao	18.068348	82.943222	1 Acr	130	50	80	2500
51	Mallampeta	Yenikala .Srinu	18.061945	82.943344	1 Acr	120	50	70	2500
52	Mallampeta	Yenikala .Kanababu	18.506101	82.939763	1 Acr	115	50	65	2500
53	Mallampeta	Yenikala .Kannaya dora	18.064397	82.94398	1 Acr	110	50	60	2500
54	Bonuru	Masada .Kondababu	18.067293	82.94417	1 Acr	100	50	50	2500
55	Bonuru	Gemeli .Kanayya	18.063634	82.943595	1 Acr	100	50	50	2500
56	Korraparthi	Bongija .Devudu	18.042245	82.941147	1 Acr	120	50	70	2500
57	Verabadhrapuram	Pangi .Paridhesu	18.054535	82.942757	1 Acr	105	50	55	2500
58	Verabadhrapuram	Pangi .Devudu	18.048193	82.942411	1 Acr	116	50	66	2500
59	Verabadhrapuram	Killo .Achamma	18.047626	82.941823	1 Acr	114	50	64	2500
60	Verabadhrapuram	Ketha .Laxman	18.045537	82.942267	1 Acr	100	50	50	2500
61	Bonuru	Gemeli .Sattibabu	18.101489	82.963945	1 Acr	100	50	50	2500
62	Chatakamba	Sokela.Laxmi	18.099227	82.965961	1 Acr	110	50	60	2500

63	Chatakamba	Mamadi .Srinu	18.097073	82.964976	1 Acr	100	50	50	2500
64	Chatakamba	Mamadi .Kondababu	18.101464	82.964729	1 Acr	100	50	50	2500
65	Chatakamba	Mamidi .Chinarao	18.01573	82.963032	1 Acr	100	50	50	2500
66	Chatakamba	Sokela Rambabu	18.079983	82.965855	1 Acr	124	50	74	2500
67	Chatakamba	Mamadi Potanna	18.101958	82.963197	1 Acr	105	50	55	2500
68	Chatakamba	Mamadi Sathibabu	18.101513	82.963981	1 Acr	113	50	63	2500
69	Bonuru	Vanthala Rambabu	18.10214	82.963322	1 Acr	100	50	50	2500
70	Bonuru	Vanthala Sattibabu	18.067221	82.948926	1 Acr	104	50	54	2500
						7447	3500	3947	₹ 1,75,000.00

Details of FIRELINES IN COFFEE- DGonduru Micro-Landscape 2025

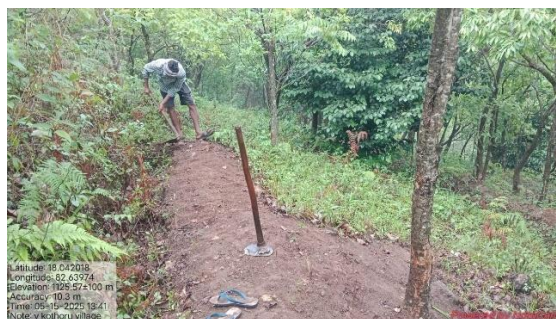
D Gonduru rythu utpattidarula seva mariyu MACS.

S.No	Village Name	Farmer Name	Latitude	Longitude	Land Size of the farmer	Actually Firelines Completed Length (Meters)-	Offered Size from Project (Meters)	Community Contribution (meters)	Amount to be paid to FPO from Project (Rs.)
1	Borramamidi	Mudili Eswarakondamma			1 Acr	120	50	70	2500

2	Borramamidi	Mathe Eswaramma			1 Acr	120	50	70	2500
3	Karakaputtu	Kuda Bodayya	18.06317 1	82.651013	1 Acr	100	50	50	2500
4	Karakaputtu	Surra Chandramma			1 Acr	100	50	50	2500
5	Karakaputtu	Surra Ramya			1 Acr	105	50	55	2500
6	Karakaputtu	Surra Varalamma			1 Acr	100	50	50	2500
7	Vkotthavuru	Ramandora Vijayalaxmi	18.04128 2	82.639137	1 Acr	120	50	70	2500
8	Vkotthavuru	Kadeli Peddammi	18.04206 8	82.640328	1 Acr	105	50	55	2500
9	Vkotthavuru	Kadeli Satyavathi	18.04119 8	82.640082	1 Acr	108	50	58	2500
10	Vkotthavuru	Kadeli Ramadevi			1 Acr	95	50	45	2500
11	Korruptu	Pujari laxmi			1 Acr	100	50	50	2500
12	Korruptu	Anganeni Sanyasamma			1 Acr	100	50	50	2500
13	Korruptu	Vanajngi Kondamma			1 Acr	100	50	50	2500
14	Korruptu	Pujari Ravanamma			1 Acr	120	50	70	2500
15	Korruptu	Pujari Gunnamma			1 Acr	100	50	50	2500
16	Dgonduru	Dippala Laxmi			1 Acr	120	50	70	2500

17	Dgonduru	Cheekati Sumitra			1 Acr	100	50	50	2500
18	Dgonduru	Dippala Gangamma			1 Acr	110	50	60	2500
19	Dgonduru	Cheekati Kondamma	18.06911 9	82.619811	1 Acr	105	50	55	2500
20	Dgonduru	Cheekati Varalamma			1 Acr	108	50	58	2500
						2136	1000	1136	50000

Here are a few photos of Fire Lines established in Cashew & Coffee orchards.





Conclusion:

Promoting Fireline Activity offers an effective approach for protecting from the Forest Wild fire within landscape project areas. By building awareness among farmers about these practices through capacity building workshops and demonstrations plots along with policy support at local government levels ensures sustainable agricultural development while preserving environmental integrity. The impact of Fire lines Establishment in Cashew & Coffee is very effective to protect from Wild Fire. Farmers are very happy for the activity done by SABAL Project.