

Appendix-III

Calculation of assistance for agricultural input subsidy - SMF-SWM 2014

Sl. No.	Name of affected district	Total agricultural area affected (in ha.)	Total agricultural area where crop loss is >50%	Out of (4) area belonging to SMF			Assistance sought for different categories of crops (Rs. in lakhs)			Total assistance sought (Rs. In lakh)
				Rainfed	Irrigated	Perennial	Rainfed (Rs.4500x Col.5A)	Irrigated (Rs.9000x Col.5B)	Perennial (Rs.12000 xCol.5C)	
	1	3	4	5A	5B	5C	6A	6B	6C	(6A+6B+6C)
1	Thiruvananthapuram	995.14	995.14	187.86	794.19	13.089	8.4537	71.477	1.571	81.501
2	Kollam	675.82	675.82	354.9	298.73	22.183	15.9705	26.886	2.662	45.519
3	Alappuzha	7926.09	7926.09	157	7759.75	9.334	7.065	698.378	1.120	706.563
4	Pathanamthitta	66.84	66.84	20.1	35.23	11.510	0.9045	3.171	1.381	5.457
5	Kttayam	1404.78	1404.78	38.2	1356.36	10.220	1.719	122.072	1.226	125.018
6	Idukki	113.35	113.35	12	78.33	23.022	0.54	7.049	2.763	10.352
7	Ernakulam	106.54	106.54	28.9	54.65	22.983	1.3005	4.919	2.758	8.977
8	Thrissur	258.07	258.07	15.12	227.40	15.545	0.6804	20.466	1.865	23.012
9	Palakkad	548.39	548.39	17.2	521.04	10.154	0.774	46.893	1.218	48.886
10	Malappuram	397.31	397.31	78.3	290.25	28.757	3.5235	26.123	3.451	33.097
11	Kozhikode	177.86	177.86	19.6	119.54	38.726	0.882	10.758	4.647	16.287
12	Wayanad	976.21	976.21	239	721.33	15.874	10.755	64.920	1.905	77.580
13	Kannur	196.49	196.49	33.1	124.07	39.322	1.4895	11.166	4.719	17.375
14	Kasarode	170.06	170.06	0	105.54	64.518	0	9.499	7.742	17.241
		14012.932	14012.932	1201.28	12486	325.236	54.0576	1123.777	39.028	1216.863


 For Director of Agriculture
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ANNEXURE 3 (E)

DISTRICTWISE HORTICULTURECROP DAMAGE CAUSED BY HEAVY RAIN IN KERALA DURING SWM - 2014 (Area I Ha)

Districts	SWM 2013		Total area affected by SWM during 2013 (ha)	Total area affected by SWM with >50% crop damage from the total affected area (ha)			Area affected by SF & MF with > 50 % crop damage (out of the >50% crop damage area) (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) subject to ceiling of 1 ha/farmer (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) in case of successive calamities irrespective of the size of his holdings being large limited to 2 ha/farmer (ha)			Area affected by SF/MF under sericulture (ha)	
	Targetted (ha)	Coverage up to (ha)		Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Tussar	Muga
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Thiruvananthapuram	1233984	1223554	854.035	187.86	653.09	13.09	187.86	653.1	13.09								
Kollam	122294	119195	545.817	354.9	168.73	22.18	354.9	168.7	22.18								
Alappuzha	55780	54746	376.086	157	209.75	9.334	157	209.8	9.334								
Pathanamthitta	81674	79491	67	20	35	12	20.1	35.23	11.51								
Kottayam	165071	162173	137.379	38.2	88.96	10.22	38.2	88.96	10.22								
Idukki	223002	218179	113.348	12	78.326	23.02	12	78.33	23.02								
Ernakulam	141226	137573	87.5375	28.9	35.654	22.98	28.9	35.65	22.98								
Thrissur	119371	114280	118.066	15.12	87.4	15.55	17.2	87.4	15.55								
Palakkad	157361	154051	161.391	17.2	134.04	10.15	17.2	134	10.15								
Malappuram	191965	178012	262.429	78.3	155.37	28.76	78.3	155.4	28.76								
Kozhikode	172710	170601	131.462	19.6	73.136	38.73	19.6	73.14	38.73								
Wayanad	137046	131828	571.006	239	316.13	15.87	239	316.1	15.87								
Kannur	170484	164654	134.494	33.1	62.072	39.32	33.1	62.07	39.32								
Kasarode	123866	120662	93.0578	0	28.54	64.52	0	28.54	64.52								
Total	1985834	1927799	3652.95	1201.3	2126.4	325.2	1201.3	2126	325.2								

For Director of Agriculture

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ANNEXURE 3(C)

CROPWISE AGRICULTURE DAMAGE BY SWM IN KERALA DURING - 2013

Sl. No.	Name of District	Crop	SWM 2013		Total area affected by SWM during 2013 (ha)	Total area affected by SWM with >50% crop damage from the total affected area (ha)			Area affected by SF & MF with > 50 % crop damage (out of the >50% crop damage area) (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) subject to ceiling of 1 ha/farmer (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) in case of successive calamities irrespective of the size of his holdings being large limited to 2 ha/farmer		
			Target (ha)	Coverage up to (ha)		Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Thiruvananthapuram	Paddy	1943	1850	141.1	0	141.1	0	141.1	0							
2	Kollam	Paddy	960	946	130	0	130	0	130	0							
3	Alappuzha	Paddy	10445	10320	7550	0	7550	0	7550	0							
4	Pathanamthitta	Paddy	113	112	0	0	0	0	0	0							
5	Kottayam	Paddy	5464	5410	1267.4	0	1267.4	0	1267.4	0							
6	Idukki	Paddy	418	418	0	0	0	0	0	0							
7	Ernakulam	Paddy	3354	3250	19	0	19	0	19	0							
8	Thrissur	Paddy	3033	3020	140	0	140	0	140	0							
9	Palakkad	Paddy	45200	40200	387	0	387	0	387	0							
10	Malappuram	Paddy	1088	1088	134.88	0	134.88	0	134.88	0							
11	Kozhikode	Paddy	420	400	46.4	0	46.4	0	46.4	0							
12	Wayanad	Paddy	8000	7000	405.2	0	405.2	0	405.2	0							
13	Kannur	Paddy	3054	3050	62	0	62	0	62	0							
14	Kasaragod	Paddy	2284	2225	77	0	77	0	77	0							
			85776	79289	10360	0	10360	0	10360	0							

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ANNEXURE 3 (B)

DISRICT WISE AGRICULTURE CROPS DAMAGE CAUSED BY SWM IN KERALA DURING 2013

Sl. No.	Name of District	SWM -2013		Total area affected by SWM during 2013(Ha)	Total area affected by SUMMER RAIN with >50% crop damage from the total affected area (ha)			Area affected by SF & MF with > 50 % crop damage (out of the >50% crop damage area) (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) subject to ceiling of 1 ha/farmer (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) subject to ceiling if 1 Ha/farmer (Ha)			Area affected by SF/MF under sericulture (Ha)			
		Target (ha)	Coverage up to (ha)		Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial	Mulberry	Muga		
1																				
2																				
1	Thiruvananthapuram	1943	1850	141.1	0	141.1	0	0	141.1	0										
2	Kollam	960	946	130	0	130	0	0	130.0	0										
3	Alappuzha	10445	10320	7550	0	7550	0	0	7550.0	0										
4	Pathanamthitta	113	112	0	0	0	0	0	0.0	0										
5	Kottayam	5464	5410	1267.4	0	1267.4	0	0	1267.4	0										
6	Idukki	418	418	0	0	0	0	0	0.0	0										
7	Ernakulam	3354	3250	19	0	19	0	0	19.0	0										
8	Thrissur	3033	3020	140	0	140	0	0	140.0	0										
9	Palakkad	45200	40200	387	0	387	0	0	387.0	0										
10	Malappuram	1088	1088	134.88	0	134.88	0	0	134.9	0										
11	Kozhikode	420	400	46.4	0	46.4	0	0	46.4	0										
12	Wayanad	8000	7000	405.2	0	405.2	0	0	405.2	0										
13	Kannur	3054	3050	62	0	62	0	0	62.0	0										
14	Kasarode	2284	2225	77	0	77	0	0	77.0	0										
	Total	85776	79289	10360	0	10360	0	0	10360.0	0										


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ANNEXURE 3 (F)

CROP WISE DAMAGE ON HORTICULTURE CROPS CAUSED BY SWM IN KERALA DURING - 2013(Area in ha)

District	Name of Crop	SWM 2013		Total area affected by SWM during 2013 (ha)	Total area affected by SWM with >50% crop damage from the total affected area (ha)			Area affected by SF & MF with > 50 % crop damage (out of the >50% crop damage area) (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) subject to ceiling of 1 ha/farmer (ha)			Area affected by other than SF & MF with > 50 % crop damage (out of the >50% crop damage area) in case of successive calamities irrespective of the size of his holdings being large limited to 2 ha/farmer (ha)		
		Target (ha)	Coverage up to (ha)		6	7	8	9	10	11	12	13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Cocconut	69668	68571	4.92571	0	4.92571	4.92571		4.9257							
	Banana	8532	8524	369.626	0	369.63		369.63								
	Vegetables	2709	2650	280.2	0	280.2		280.2		0.2655						
	Arecanut	922	910	0.26545	0		0.26545		4.3455							
	Pepper	4761	4698	4.34545	0		4.34545		0							
	Coffee	0	0	0	0		0		3.49							
	Rubber	30970	30895	3.49	0		3.49		0							
	Cashew	1068	1015	0	0		0									
	Tubers	1134	962	22.08	22.08			22.08	3.26							
	Betelvine	19	19	3.26	0	3.26										
	Tapioca	3711	3652	163.36	163.36			163.36								
	Ginger	70	70	1.02	1.02			1.02		0.0625						
	Nutmeg	70	70	0.0625	0		0.0625		0							
	Clove	31	28	0	0		0		0							
	Cardomom	0	0	0	0		0		0							
	Cocoa	66	55	0	0		0		0							
	Turmeric	51	48	1.4	1.4			1.4								
	Groundnut	1	0	0	0			0								
	Sesamum	0	0	0	0		0									
	Sugarcane	0	0	0	0		0									
	Pineapple	201	187	0	0		0									
	Total	123984	122354	854.035	187.86	653.086	13.0891	187.86	653.09	13.089						

TRIVANDRUM

KOLLAM											
Coconut	56060	54098	13.8286	0	0	78.65	13.8286	0	78.65	13.829	
Banana	6391	6258	78.6544	0	68.3				68.3	0.51	
Vegetables	2870	2798	68.3	0	68.3		0.51			2.5	
Arecanut	2007	1985	0.51	0			2.5			0	
Pepper	7932	7832	2.5	0			0			5.344	
Coffee	0	0	0	0			0			0	
Rubber	36530	35892	5.344	0			0			0	
Cashew	2775	2765	0	0			0			0	
Tubers	3966	3893	92	92	21.78				21.78		
Betelvine	35	30	21.78	0							
Tapioca	2813	2785	252.5	252.5	10.4				10.4		
Ginger	387	368	10.4	10.4							
Nutmeg	72	72	0	0			0			0	
Clove	31	28	0	0			0			0	
Cardamom	0	0	0	0			0			0	
Cocoa	8	4	0	0			0			0	
Turmeric	245	235	0	0			0			0	
Groundnut	0	0	0	0			0			0	
Sesamum	0	0	0	0			0			0	
Sugarcane	1	0	0	0			0			0	
Pineapple	171	152	0	0			0			0	
Total	122294	119195	545.817	354.9	168.734	22.1826	354.9	168.73	22.183	2.3371	
Coconut	39344	38956	2.33714	0	86.75			86.75			
Banana	2599	2458	86.752	0	121			121		0.2955	
Vegetables	2074	1986	121	0	121		0.29545			5.4545	
Arecanut	1609	1562	0.295	0			5.45455			0	
Pepper	1506	1452	5.4545	0			0			0.79	
Coffee	0	0	0	0			0.79			0.4571	
Rubber	4380	4265	0.79	0			0.45714				
Cashew	2093	2011	0.45714	0							
Tubers	1172	1121	157	157	2			2			
Betelvine	25	18	2	0							
Tapioca	410	400	0	0							
Ginger	87	87	0	0						0	
Nutmeg	231	225	0	0						0	
Clove	15	12	0	0						0	
Cardamom	0	0	0	0						0	
Cocoa	79	74	0	0						0	
Turmeric	22	22	0	0						0	
Groundnut	0	0	0	0						0	
Sesamum	0	0	0	0						0	
Sugarcane	54	41	0	0						0	
Pineapple	80	56	0	0						0	
Total	55780	54746	376.086	157	209.752	9.33429	157	209.75	9.3343		
ALAPPUZHA											


IDUKKI											
Coconut	17012	16985	1.16	0	0	28.33	1.16	0	28.33	1.16	
Banana	6199	6054	28.326	0	0	50		0	50		
Vegetables	5541	5021	50	0	0	1.40273		0	1.40273		
Arecanut	2521	2459	1.40273	0	0	6.17727		0	6.17727		
Pepper	87274	86989	6.17727	0	0	1.24		0	1.24		
Coffee	12915	12561	1.24	0	0	4.38		0	4.38		
Rubber	40000	38950	4.38	0	0	0.52		0	0.52		
Cashew	1201	1154	0.52	0	0			0			
Tubers	1914	1876	0	0	0			0			
Betelvine	0	0	0	0	0			0			
Taploca	968	968	11	11	11			11			
Ginger	697	697	1	1	1			1			
Nutmeg	2324	2250	2.08125	0	0	2.08125		0	2.0813		
Clove	701	659	0.00625	0	0	0.00625		0	0.0063		
Cardomom	32723	30986	5.4	0	0	5.4		0	5.4		
Cocoa	7719	7698	0.654	0	0	0.654		0	0.654		
Turmeric	226	215	0	0	0			0			
Groundnut	1	0	0	0	0			0			
Sesamum	0	0	0	0	0			0			
Sugarcane	2174	1871	0	0	0			0			
Pineapple	892	786	0	0	0			0			
Total	223002	218179	113.348	12	12	78.326	23.0215	12	78.326	22.587	
Coconut	42894	40985	1.25143	0	0	33.05	1.25143	0	33.05	1.2514	
Banana	10346	9987	33.054	0	0	2.6		0	2.6		
Vegetables	2795	2659	2.6	0	0	0.46727		0	0.4673		
Arecanut	4550	4432	0.46727	0	0	0.95		0	0.95		
Pepper	5025	5001	0.95	0	0			0			
Coffee	0	0	0	0	0			0			
Rubber	59030	58620	9.446	0	0	9.446		0	9.446		
Cashew	574	541	0.05714	0	0	0.05714		0	0.0571		
Tubers	721	701	0	0	0			0			
Betelvine	15	15	0.0004	0	0	0.0004		0	0.0004		
Taploca	999	999	28.9	28.9	28.9			28.9			
Ginger	196	196	0	0	0			0			
Nutmeg	5938	5798	10.6063	0	0	10.6063		0	10.606		
Clove	14	12	0	0	0			0			
Cardomom	0	0	0	0	0			0			
Cocoa	1256	1198	0.205	0	0	0.205		0	0.205		
Turmeric	265	215	0	0	0			0			
Groundnut	0	0	0	0	0			0			
Sesamum	0	0	0	0	0			0			
Sugarcane	1	0	0	0	0			0			
Pineapple	6607	6214	0	0	0			0			
Total	141226	137573	87.5375	28.9	28.9	35.6544	22.9831	28.9	35.654	22.983	

ERNAKULAM

		MALAPPURAM										KOZHIKODE										
Coconut	104178	94087	11.2343	0	0	107.68	11.2343	0	0	107.68	11.234	10404	9201	107.676	0	0	107.68	11.2343	0	0	107.68	11.234
Banana	4467	4315	41.68	0	41.68	5.24909	0	41.68	5.2491	41.68	4467	18530	5.24909	0	0	41.68	5.2491	41.68	0	0	41.68	5.2491
Vegetables	19620	5621	0.01455	0	0.01455	0	0.01455	0	0.0145	0.01455	19620	5621	0.01455	0	0	0.01455	0	0.01455	0	0	0.01455	0
Areca nut	5732	0	0	0	0	0	0	0	0	0	5732	0	0	0	0	0	0	0	0	0	0	0
Pepper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coffee	39520	38415	11.918	0	11.918	0	11.918	0	11.918	11.918	39520	38415	11.918	0	0	11.918	11.918	11.918	0	0	11.918	11.918
Rubber	3572	3469	0	0	0	0	0	0	0	0	3572	3469	0	0	0	0	0	0	0	0	0	0
Cashew	1620	1598	0	0	0	0	0	0	0	0	1620	1598	0	0	0	0	0	0	0	0	0	0
Tubers	289	289	6.016	0	6.016	0	6.016	0	6.016	6.016	289	289	6.016	0	0	6.016	6.016	6.016	0	0	6.016	6.016
Betelvine	1492	1485	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	1492	1485	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Tapioca	61	61	0	0	0	0	0	0	0	0	61	61	0	0	0	0	0	0	0	0	0	0
Ginger	171	158	0.06	0	0.06	0	0.06	0	0.06	0.06	171	158	0.06	0	0	0.06	0.06	0.06	0	0	0.06	0.06
Cocoa	266	241	0	0	0	0	0	0	0	0	266	241	0	0	0	0	0	0	0	0	0	0
Turmeric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Groundnut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sesamum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugarcane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pineapple	177	154	0	0	0	0	0	0	0	0	177	154	0	0	0	0	0	0	0	0	0	0
Total	172710	170601	131.462	19.6	73.1364	38.726	19.6	73.1364	38.726	172710	170601	131.462	19.6	73.1364	38.726	19.6	73.136	38.726	19.6	73.136	38.726	38.726
Coconut	10043	9845	3.33143	0	0	3.33143	0	0	3.33143	3.33143	10043	9845	3.33143	0	0	3.33143	3.33143	3.33143	0	0	3.33143	3.3314

TOTAL

Banana	107800	102693	1385.8	0.00	1385.80	0.00	0.00	1385.80	0.00										
Vegetables	42117	39985	705.78		705.78	0	0	705.78	0										
Areca nut	99834	94688	48.4227		48.4227	48.4227		48.423	48.423										
Pepper	172182	169376	25.1191		25.1191	25.1191		25.119	25.119										
Coffee	84934	83374	4.34		4.34	4.34		4.34	4.34										
Rubber	534230	522766	100.792		100.792	100.792		100.79	100.79										
Cashew	43848	41404	8.90286		8.90286	8.90286		8.4686	8.4686										
Tubers	21122	20425	362.58	362.58			362.58												
Betelvine	468	456	34.8564		34.8564			34.856											
Tapioca	13297	13159	668.48	668.48			668.48												
Ginger	6088	5957	168.62	168.62			168.62												
Nutmeg	17545	16872	24.8063		24.8063	24.8063		24.806	24.806										
Clove	1123	1046	1.3875		1.3875	1.3875		1.3875	1.3875										
Cardomom	41242	39288	6.4		6.4	6.4		6.4	6.4										
Cocoa	12488	12223	1.203		1.203	1.203		1.203	1.203										
Turmeric	2391	2181	1.6	1.6			1.6												
Groundnut	1503	1235	0	0			0												
Sesamum	88	84.63	0	0			0												
Sugarcane	2845	2357	0	0			0												
Pineapple	10216	9408	0	0			0												
Total	1985834	1927799	3653	1201	2126	325	1201	2126	325										


 For Director of Agriculture
 V.V. PUSHPANGADAN B.Sc.(Ag), MBA
 Additional Director of Agriculture (CP)
 Directorate of Agriculture,
 Vikas Bhavan, Trivandrum

Annexure 3(A)

DAMAGE CAUSED BY FLOOD/LAND SLIDES DURING SWM TO SMALL AND MARGINAL FARMERS LAND REQUIRED FOR
DESILTING, REMOVAL OF DEBRIS AND LOSS OF SUBSTANTIAL PORTION OF LAND IN KERALA-2013

Sl.No	Name of the district	Sandcasting Agricultural land (HA)	Removal of debris on Agricultural land in hilly areas (Ha)	Desilting/restoration/re pair of fish farms (Ha)	Loss of substantial portion of land caused by land lide,avalanche, change of course of rivers (Ha)
1	Kollam			1310	
2	Alappuzha	3152.09 ha(bund breach)		2504	2062
3	Pathanamthitta			1500	
4	Kottayam			1038	1000
5	Idukki			19.03	2
6	Ernakulam			85	
7	Thrissur			130	1000
8	Palakkad			227	
9	Malappuram			84	
10	Kozhikode			145	
11	Wayanad			129	
12	Kannur			14	
13	Kasar gode			247	
	Total	3152.09 ha(bund breach)		8413	4064

CERTIFICATE

It is certified that the thickness of sand/silt deposit is more than 3". There is no other assistance/subsidy has been availed of by/is eligible to the beneficiary under any other Government Scheme. The assistance will be given to only these small and marginal farmers whose ownership of the land lost is legitimate as per the revenue records

For Director of Agriculture

V. PUSHIPANGADAN B. Sc.(Ag), MBA

Additional Director of Agriculture (CP)

Directorate of Agriculture

Vikas Bhavan, Trivandrum