

Early Warning Response and Food Security Sector (EWRFS)
Emergency Nutrition Coordination Unit (ENCU)
Quarterly Bulletin

**Bureau of Agriculture and Rural Development
(BoARD)**

Tigray Regional State

Mekelle

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1. Hazard/Disaster: Hailstorm was the major disaster that has affecting pocket areas / few Kebeles/ from 15 Woredas of Tigray regional state that have significantly contributed in damaging and/or affecting crop performance in the region.

2. Meher Production Status: Preliminary crop assessment report had revealed that Meher production in the region this year is said to be promising, However; early onset of the Kiremt rain in Six Woredas of Eastern Zone (Kilte Awlaelo, Saesi Tsaeda Emba, Hawzen, Gulomekeda, Ganta Afeshum and Irob) and one Woreda (Ahferom) of Central Zone has affected crop performance, hence yield production in the above stipulated Woreda is expected to be lower than expected.

To compensate for the crop damage or yield loss occurred during Meher season due to hailstorm and/or drought, 80 MT of improved variety of seed (Cheak pea) was made available by the federal government to farmers of the region and out of which, only 11.6 MT was distributed to farmers for planting.

3. Interventions: A number of emergency and developmental projects/ programs have been implemented by the government and key stakeholders (CBOs, NGOs & the UN) to support target beneficiaries in need of food assistance, health and nutrition services. The major interventions or programmes being implemented during this quarter (July through September 2013) include among others;

- ❖ Therapeutics Feeding Program (TFP): either (Outpatient Therapeutic Feeding Program (OTP) or Therapeutic Feeding Unit (TFU) and/or Stabilization Centre (SC)

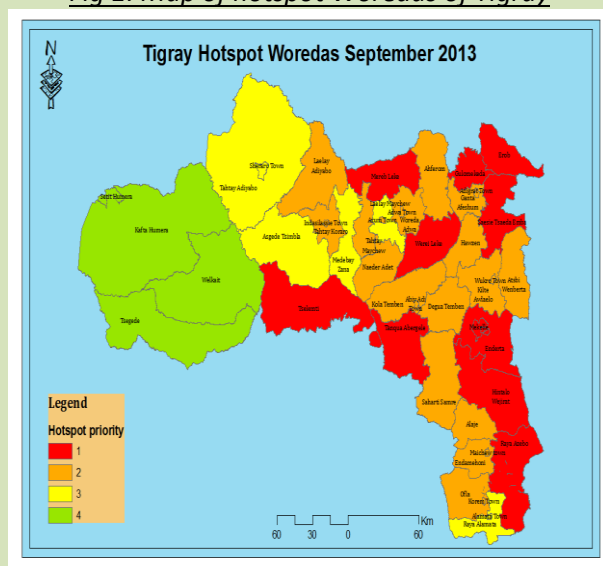
- ❖ Targeted Supplementary Feeding (TSF) programme (Both the New Generation TSF programme and the regular (previous) one.
- ❖ MUAC screening of children under five and PLM and Vitamin A supplement and Deworming through Community Health Days (CHD)
- ❖ Community Based Nutrition (CBN) and other interventions such as Social Protection
- ❖ Productive Safety Net Program (PSNP)
- ❖ Relief / general food distribution (GFD)

4. Hotspot Classification: Based on the hotspot classification criteria developed by the government, the total number of Woredas classified and determined as hotspot priority number one, two and three are 10, 16 and 5 respectively (see Fig 1: map of hotspot below). Three Woredas were identified as surplus food producing Woredas, hence classified as non-hotspot.

Table 1: Program or Intervention Coverage

Intervention	Hotspot P. # 1	Hotspot P. # 2	Hotspot P. # 3	Non Hotspots	Total	Coverage %
Woreda	10	16	5	3	34	100
TFU/SC	7	11	3	1	22	64.7
OTP	10	16	5	3	34	100
TSF	10	5	0	0	15	44.1
CBN	10	16	5	3	34	100
CHD	10	16	5	3	34	100
GFD	10	16	5	0	31	91.2

Fig 1: Map of hotspot Woredas of Tigray



As reflected in the table 1 above, the coverage of the OTP, CBN and CHD programme or interventions in the region scored 100 percent. GFD coverage in the region was 91.2 percent. All (10) Woredas classified as hotspot priority number one are receiving complete service of OTP, CBN and GFD interventions. Therapeutics Feeding Unit (TFU) and Targeted Supplementary Program (TSF) programmes in the region scored 64.7 and 44.1 percent respectively.

5. PSNP and Relief Food Beneficiaries: Currently, there are a total of 1,560,104 (79.4% PSNP and 20.6% Relief) beneficiaries in the region (see table below for details).

Beneficiary Type		Male	Female	Total
PSNP	Public Work	497,694	548,041	1,045,735
	Direct Support	70,373	122,569	192,942
	Sub -total	568,067	670,610	1,238,677
Relief Food		157,499	163,928	321,427
Grand Total				1,560,104

6. CHD Screening Result: A total of 634,264 children aged 6-59 months were screened between 21 and 25 September 2006 E.C from 786 Kebeles (Tabias) of 34 rural Woredas and 12 towns of Tigray regional state. The screen coverage was 94 percent with moderate and severe wasting rate of 4.50 and 0.53 percent respectively. A total of 74 (0.01%) cases of bilateral edema were detected. During this exercise, the highest top three Global Acute Malnutrition (GAM) rate was recorded in Wolkait (18.0%) followed by Tselemti, Ofla and Endamehoni scored (9.0%). The highest oedematic case was recorded in Tanqua Abergele, Kola Tembien with 9 cases and Wolkait 7 edematic cases. (See Annex I and II for more details).

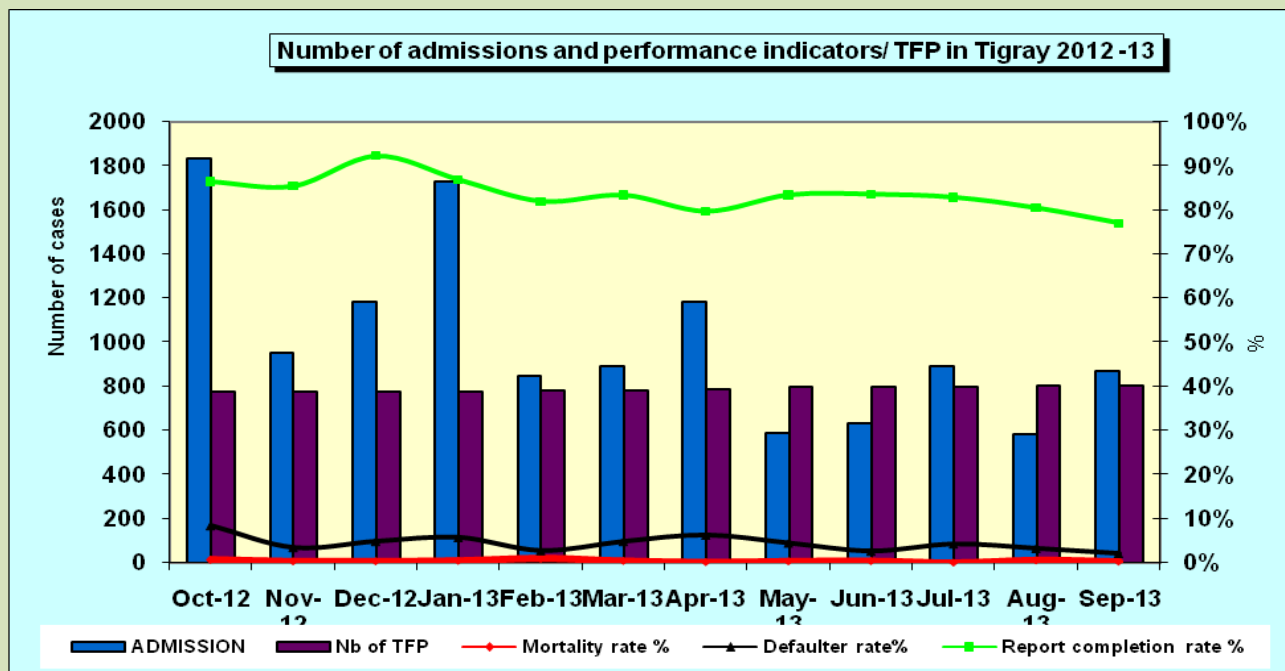
The CHD screening exercises for pregnant and lactating mothers were also carried out to determine their nutritional status. A total of 102,575 Pregnant and Lactating Mothers (PLM) were screened using MUAC tape. The screening coverage was 58% that showed a low screening coverage which still needs more coordination efforts, mobilize man power, awareness creation and community mobilization activities to improve screening coverage and provide better services.

The prevalence of malnutrition (both moderate and severe cases) for PLM was 15.3%. As far as the PLM malnutrition (MUAC value of < 21) level is concerned, Enderta has scored the higher with a 34% followed by Tselemti and Alaje scored 29%. There was no significant difference compared with the previous CHD screening results conducted in June but showed a slight increment. (Please refer to Table 4 for details of the result).

7. Outpatient Therapeutic Program (OTP): The monthly TFP monitoring reports collected from the six zones of Tigray regional state (Southern, South eastern, Eastern, Central, North western and Western) have indicated that a total of 2,348 children from 806 TFP sites were admitted to the program during the quarter. On average, the reporting rate for this quarter has reached 80 percent (ranging from 76.6 – 82.9%). On average,

the cure, death and defaulter rate of this quarter was 88.7, 0.3 and 3.3 percent respectively which is in an acceptable range. There were 41 non

respondent and 46 medical transfer cases reported. The total number of children discharged from the service reached 2113 (91%).



The admission rate for July (893) were higher than August (585) and September (870), this could be due to mass mobilization and CHD screening exercise conducted in June 2013. The reporting rate for the month of July, August and September were 82.9, 80.5 and 76.6 percent respectively.

Looking at the one year chart (October 2012 – September 2013) a total of 12,195 children were admitted. The admission rate has declined significantly from 1836 in October 2012 to 870 cases in September 2013 with a decreasing trend of death and defaulter rates. TFP sites have also increased from 755 to 806 in a year.

8. Targeted Supplementary Feeding (TSF) Program: There were a total of 15 Woredas receiving TSF supplies or foods during the month of July through September 2013. The new generation TSF is fully implemented in 12 Woredas (T/Maichew, WerieLeke, Ahferom, Ganta Afeshum,

Degua Tembien, Enderta, Atsbi Wenberta, Gulomekeda, T/Abergele, H/wejirat, Raya Azebo and Irob) at the moment. Tselemti, Mereb lehe and Saesi Tsaeda Emba Woredas has been treated using the old way (quarterly distribution of TSF supply) modalities. Currently, there are Ten Woredas of Tigray regional state classified as hotspot priority number one which are automatically entitled to the New Generation TSF (NG TSF) program to receive TSF foods on monthly basis.

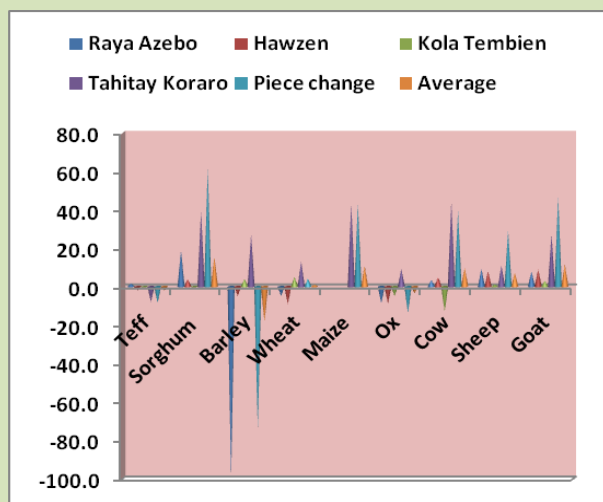
The total numbers of children aged 6 to 59 months and pregnant & lactating mothers supported by TSF program during this quarter reached 16,138 and 20,291 respectively bringing to a total of 36,429 target beneficiaries. A total of 722.9 MT of food (628 MT of Corn Soybean Blend (CSB) and 94.9 MT of vegetable oil) were distributed and reached the above stipulated target beneficiaries during this quarter.

Like the other previous quarters, delay in deliver and distribution of the TSF supply was the main challenge encountered during this quarter.

9. Market Assessment: Market price during the past quarter (April to June 2013) from four big and well known market sites (Raya, Hawzen, Kola Tembien and Tahetay Koraro), representing South, North, Central, East and West Zones of Tigray regional state, were collected and analysed. Key parameters (crops and livestock) of each livelihood zone were selected for market price and trend analysis. The market price and trend analysis have shown that market price of crops and livestock have increased and fluctuated as well.

As shown in Fig 2, the average market price for Sorghum, Goat, Maize, Cow and Sheep in four market places has increased by 15.4, 11.7, 10.8, 9.9 and 7.3 per cent respectively. However, the average price for Barley, Ox and Teff has decreased by 18.5, 3.5 and 2.1 per cent respectively. Relatively, the price increment of Sorghum (-) & Barley (+) scored the highest value. The price increment for crops and livestock in each market for the month of July through September 2013 is reflected in Annex V.

Fig 2: Average price increment of crop & livestock



10. Capacity Building

A. Meeting / Workshop: Between the month of July and September 2013, two rounds of Multi Agency Nutrition Task Force (MANTF) and one Agricultural Task Force (ATF) monthly meetings were conducted. MANTF and ATF/DRM meetings are usually hosted and facilitated by Regional Health Bureau and EWRFS Sector respectively.

B. Training:

Nutrition Cluster Coordination Training: Regional level training on Nutrition Cluster Coordination was given for three consecutive days. The training were conducted between A total of 24 participants from UN, NGO, CBO and regional governmental sector offices such as Water, Education, Agriculture and Health bureaus attended and successfully completed the training.

10. Upcoming Events: Some of the major activities planned for October & December 2013 include among others;

A. Training:

- Four days of training on SMART methodology
- Three days of training on standard nutrition surveys will be conducted between November and December 2013.

B. Meeting: A monthly Multi Agency Nutrition Task Force (MANTF) and Agricultural Task Force (ATF) or Disaster Risk Management (DRM) Task Force meetings will be carried out.

Annexes

Annex I: CHD Screening Summary Result for Children U5 for 4 Quarters									
Month	Number of Kebeles	Total Screened	Coverage %	Normal ≥ 12.00	Moderate 11 – 11.99	Severe < 11	Oedema Cases	Oedema %	Vit A Cov.
December 2012	786	579,187	89.50	93.57	5.20	0.60	100	0.020	89.40
March 2013	786	545,190	84.30	46.17	4.50	0.40	35	0.006	
June 2013	786	597,380	91.64	92.68	3.90	0.34	46	0.010	91.66
September 2013	786	634,264	94.00	94.90	4.50	0.53	74	0.010	

Annex II: Ranking of CHD Result in Woredas								
Month	Wasting					Oedema		
	Rank	Woreda	Moderate 11 -11.99	Severe <11.0	GAM <12	Rank	Woreda	# of Oedema Cases
December 2012	1	Alage	12.1	0.9	13.0	1	Kola Tembien	9
	2	Enderta	11.6	1.4	13.0	2	Tanqua Abergele	9
	3	Abi Adi Town	10.7	0.5	11.2	3	Wolkait	7
March 2013	1	Alage	10.2	0.9	11.1	1		
	2	Erob	10.8	0.1	10.9	2		
	3	D/Tembien	10.2	0.5	10.7	3		
June 2013	1	Ofla	12.2	0.7	12.9	1		
	2	Alaje	10.6	0.8	11.4	2		
	3	D/Tembien	8.5	0.4	8.9	3		
September 2013	1	Wolkait	17.0	1.0	18.0			
	2	Tselemti	8.0	1.0	9.0			
	3	Endamehoni & Ofla	8.0	1.0	9.0			

Table III: CHD Summary Result & Ranking for PLM

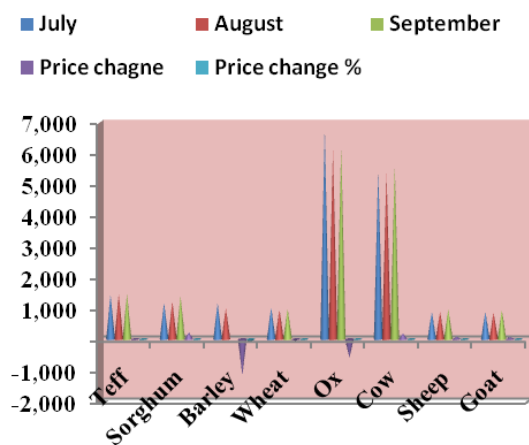
Month	MUAC <21	Percentage	Rank
December 2012	Erob	49.6	1
	Adigrat Town	38.9	2
	Adwa Town	37.4	3
March 2013	Erob	82.3	1
	D/Tembien	52.7	2
	Enderta	37.8	3
June 2013	T/Maychew	45.3	1
	D/Tembien	43.4	2
	Maychew Town	35.5	3
September 2013	Enderta	34.0	1
	Tselemti	29.0	2
	Alaje	29.0	3

Annex IV: OTP Admission, Cure, Death and Defaulter Trends (January - March 2013)

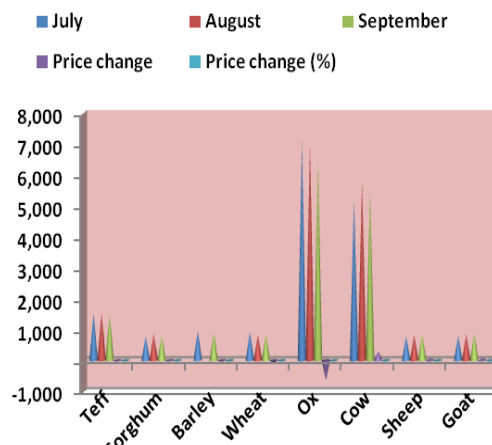
Months	Cases							Percentage						
	Quarter	Admission	Cure	Death	Defaulter	Non responder	Medical Transfer	Discharge	Cure	Death	Defaulter	Non responder	Medical transfer	Report rate
2012														
October	2 nd	1836	687	7	86	20	73	1028	79.5	1.1	6.6	2.8	2.2	87.3
November		952	1099	4	45	49	41	1324	84.2	0.2	6.0	2.4	2.6	88.0
December		1182	1037	4	61	28	48	1269	82.7	0.3	5.5	2.9	2.6	88.8
January 13	3 rd	1728	887	5	65	31	30	1142	77.7	0.4	5.7	2.7	2.6	86.9
February		850	987	11	32	44	24	1179	83.7	0.9	2.7	3.7	2.0	82.3
March		890	867	4	49	38	14	1022	84.8	0.4	4.8	3.7	1.4	83.7
April	4 th	1184	643	1	54	37	23	866	74.2	0.1	6.2	4.3	2.7	79.7
May		589	829	3	43	38	23	973	85.2	0.3	4.4	3.9	2.4	83.5
June		636	720	3	22	10	26	845	81.7	0.3	4.4	3.2	2.7	83.6
July	1 st	893	582	0	29	12	13	690	84.3	0.0	4.2	1.7	1.9	82.9
August		585	638	4	24	18	20	746	85.5	0.5	3.2	2.4	2.7	80.5
September		870	672	2	18	11	13	697	96.4	0.3	2.6	1.6	1.9	76.6
Total		12195	9648	48	528	336	348	11781	83.3	0.4	4.7	2.9	2.3	83.7

Annex V: Regional Representative Market Samples and Trends for 3 months

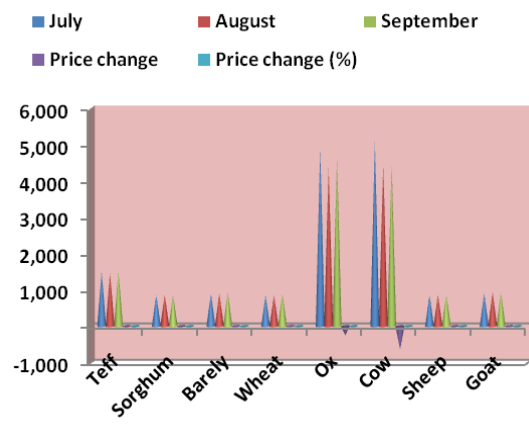
A. Raya Market



B. Hawzen Market



B. Kola Tembien Market



C.T/Koraro Market

