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Maha 2017/18
Volume 02



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Over view

Paddy

- Sown extent as at end December 2017 is 601,302 ha.
- Expected paddy production 2.31 million mt.
- Paddy production is sufficient to feed the nation for 7 months.

OFC

- Cultivation progress of OFC 70% from the target
- Maize, black gram and ground nut progress is satisfactory.

Vegetables

- Up country vegetables cultivation progress - 49%
- Low country vegetables cultivation progress - 61%

Paddy

Cultivation Progress

- Cultivation target of paddy Maha 2017/18 season is 814,311 ha.
- Sown extent reported as at end December 2017 is 601,302 ha; 74% achievement from the target.
- Cultivation progress reported from Western, Southern, Northern, Eastern Province and Mahaweli areas are

fairly good and the cultivation reported from Uwa, North Central and North Western Provinces are below their targets.

Paddy Production

- Paddy production forecast based on the reported sown extent as at end December 2017 is 2.316 million metric tons; 16% drop compared with a normal

season's production.

- The expected paddy production of Maha 2017/18 season from the extent reported would be sufficient to feed the nation for 7 months period.

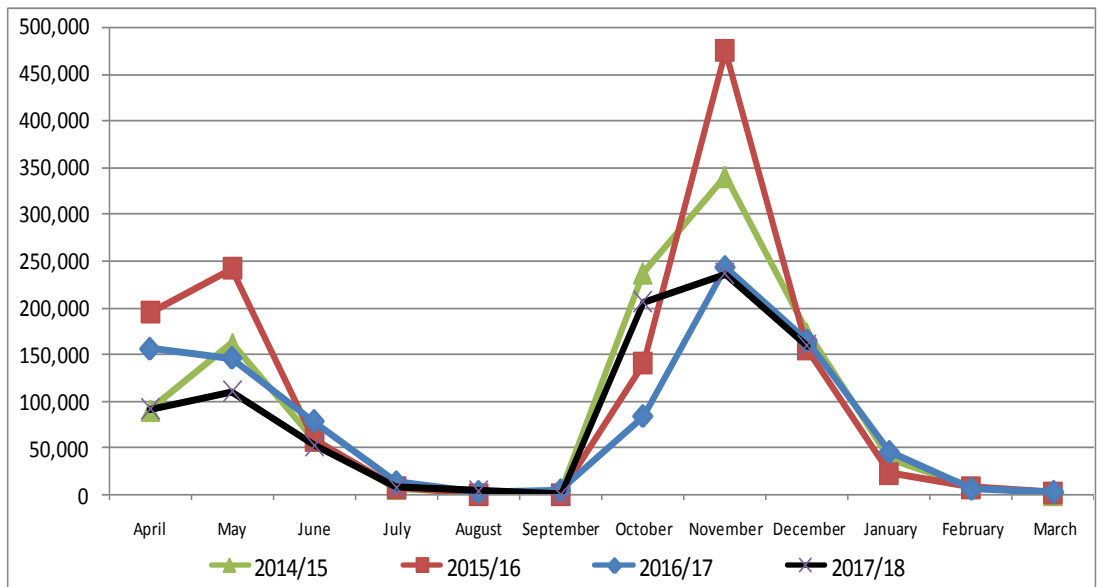


Figure 1: Paddy: Monthly cultivation extents 2014, 2015, 2016 and 2017

Table 1: Paddy : Target, sown extent as at end December 2017 and production forecast of Maha 2017/18 (based on the progress)

District	Area Targeted (ha)	Achievement (ha)	Progress %	Production Forecast (Mt)	District	Area Targeted (ha)	Achievement (ha)	Progress %	Production Forecast (Mt)
Colombo	3,648	3,001	82	8,742	Mullative	17,067	16,626	97	51,813
Gampaha	11,500	11,628	101	35,525	Mannar	21,350	18,361	86	86,078
Kalutara	13,500	11,092	82	36,042	Anuradhapura	96,384	35,724	37	135,331
Galle	15,490	8,817	57	23,567	Polonnaruwa	34,420	22,150	64	100,854
Matara	16,414	14,295	87	48,549	Trincomalee	42,360	37,736	89	156,573
Ratnapura	12,556	10,043	80	32,718	Batticaloa	67,692	67,856	100	164,177
Kegalle	9,397	7,208	77	26,529	Ampara	75,809	75,371	99	320,105
Kurunagala	84,180	42,039	50	172,079	Hambantota	28,550	23,138	81	112,992
Puttalam	23,318	5,336	23	17,613	Udawalawa	11,075	10,468	95	51,658
Kandy	13,343	9,283	70	29,893	System H	12,747	13,583	107	65,231
Matale	23,765	15,256	64	62,128	System H1	5,250	8,215	156	39,452
N eliya	6,501	1,338	21	2,863	System B	19,817	20,460	103	98,257
Badulla	21,603	10,958	51	41,806	System C	23,089	22,761	99	109,307
Monaragala	38,871	20,490	53	78,529	System G	4,818	2,959	61	14,210
Jaffna	11,900	11,540	97	25,496	System L	2,047	1,909	93	9,168
Kilinochchi	23,900	23,900	100	82,468	System D	1263	1,340	106	6,435
Vavniya	19,810	15,544	78	66,040	Rambakanoya	878	878	100	4,217
Sri Lanka						814,311	601,302	74	2,316,441

Paddy harvesting of Maha 2017/18 season would be commenced from Eastern province from January 2018 onwards. Paddy harvesting will be spread out January to March all over the country.

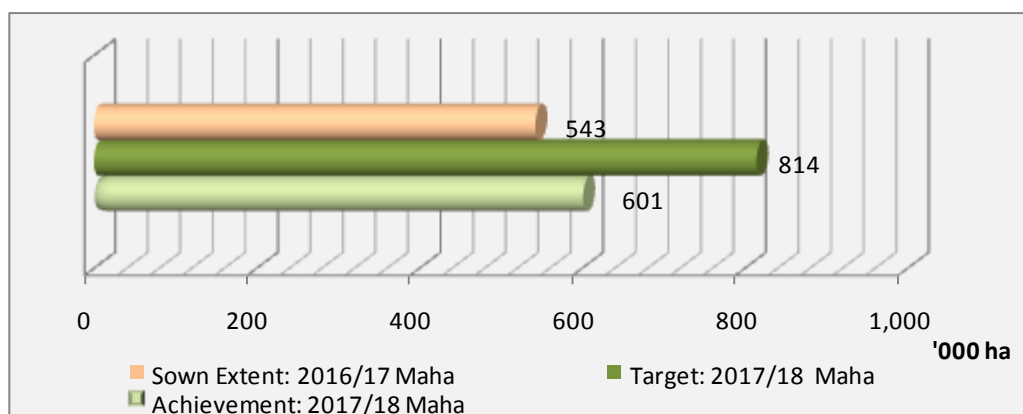


Figure 2: Paddy : Target and progress as at end December 2017 Maha 2017/18 and sown extent Maha 2016/17

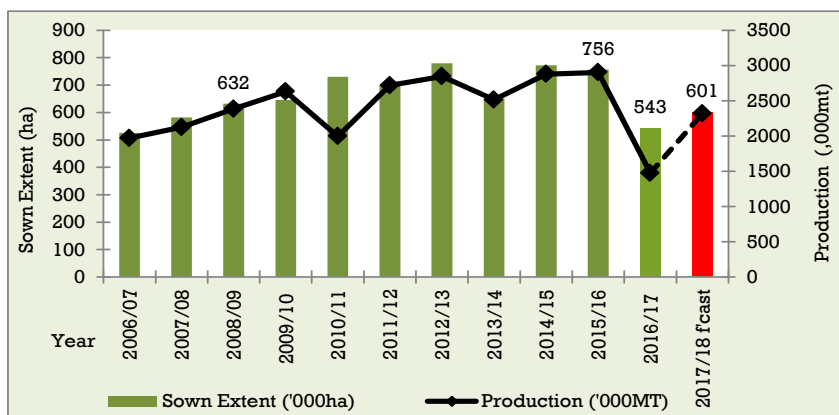


Figure 3: Paddy : Trend of paddy extent and production in Maha seasons

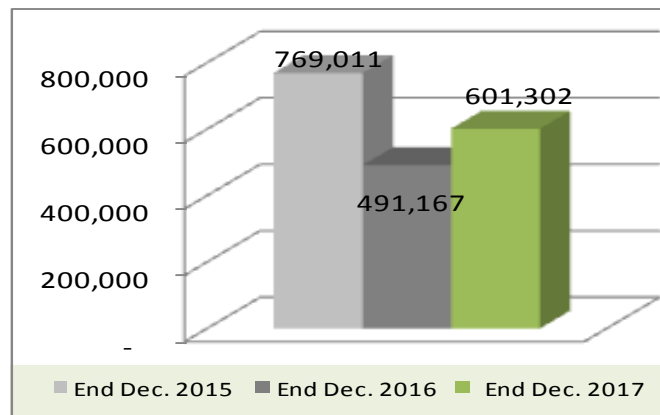


Figure 4: Paddy : Sown extent of paddy as at December 2015, 2016, 2017

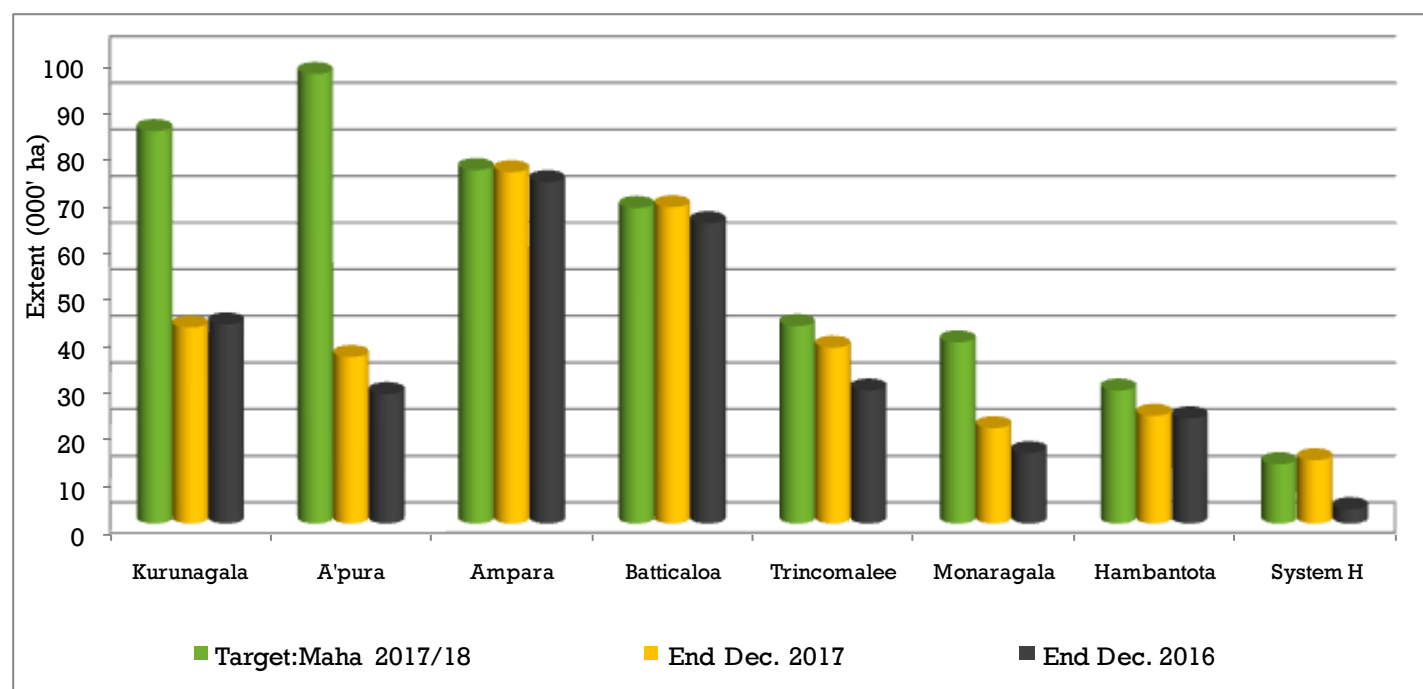


Figure 5: Paddy : Target Maha 2017/18, sown extent as at end December 2016 and 2017

Table 2: Paddy : Rice availability situation - Maha 2017/18

Domestic rice production : 2017/18 Maha		
Maha 2017/18 paddy production (forecasted production)	million mt	2.32
Wastage of paddy (6%)	million mt	0.14
Seed paddy requirement for Yala 2018 (Sown extent Yala 2018*)	million mt	
Seed paddy requirement**)	million mt	0.04
Paddy availability for consumption	million mt	2.14
Rice availability for consumption (68% milling ratio)	million mt	1.45
Rice consumption/ Requirement /Usage : 2018		
Rice per capita consumption	Kg/year/person	110.2
Population 2018	number	21,672,032
Total rice requirement year 2018***	million mt	2.39
Rice requirement/ month	mt	199,021
Months can be fed from Maha 2017/18 production		7.31

Assumptions:

Sown extent Yala 2018* - Average sown extent of Yala 2015, 2016 & 2017

Seed paddy requirement** = 102.35Kg/ha

No rice use for animal feed and manufacturing

Rice requirement for hotels, hospitals and rice based industries are not considered for calculating total rice requirement

Sources:

Rice requirement year 2018*** - Rice per capita consumption - Household Income and Expenditure survey 2009/10

Population 2018 - Central Bank Report 2016 (Growth rate 1%)

Other Field Crops

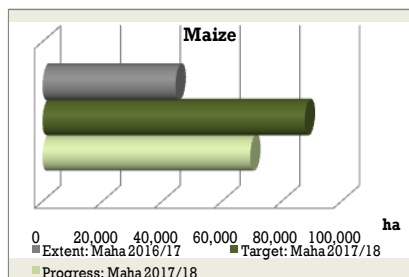


Figure 6: OFC: Target and cultivation extents as at end December 2017 of Maha 2017/18 season of Maize

- Cultivation progress of all Other Field Crops up to end December 2017 is 110,281 ha; 66% of the target (Table 3).
- Only Maize, ground nut, finger millet and black gram achieved above 60% of their target. Whereas Big onion, soybean, gingelly and red onion are far below the target.

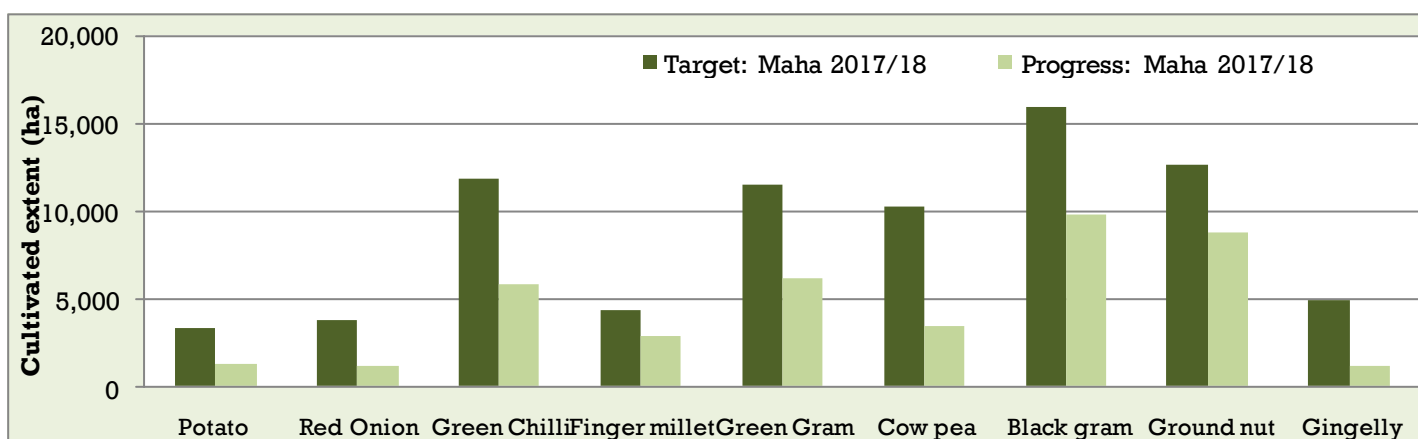


Figure 7: OFC: Targets and cultivation extents as at end December 2017 of Maha 2017/18 season

Table 3: OFC: Targets and cultivation extents as at end December 2017 of Maha 2017/18 season

Crop	Maha 2017/18				Maha 2016/17		Production forecast of Maha 2017/2018 as a % of production in Maha 2016/17	Progressed extent of Maha 2017/18 as a % of cultivation extent in Maha 2016/17
	Target (ha)	Achievement (ha)	Expected production from the achievement (mt)	% Achievement in extent from the target	Extent (ha)	Production (mt)		
Maize	87,744	69,500	243,888	79	44,515	163,733	149	156
Potato	3,343	1,257	20,723	38	1,739	28,381	73	72
Red Onion	3,779	1,181	18,083	31	2,295	33,407	54	51
Green Chilli	11,803	5,825	32,140	49	6,636	30,690	105	88
Finger millet	4,374	2,875	3,546	66	3,440	4,468	79	84
Green Gram	11,450	6,115	7,689	53	4,061	4,896	157	151
Cow pea	10,280	3,361	3,688	33	4,001	4,937	75	84
Black gram	15,861	9,823	8,621	62	6,077	5,247	164	162
Ground nut	12,640	8,723	11,406	69	8,099	14,152	81	108
Gingelly	4,848	1,187	864	24	2,464	2,054	42	48
Soy bean	1,567	392	632	25	3,095	3,274	19	13
Big Onion	296	43	596	15	288	3,226	18	15
Total	167,985	110,281	376,265	66	86,710	298,465	126	127

Vegetables

- Cultivation target of all vegetables is 48,234 ha and the progress achieved up to end December 2017 is 27,344 ha; 57% of the target (Table 5).
- Low country vegetables reached 61% progress and up country vegetables reached 49% progress from the target.
- Highest cultivation extent reported from Brinjal followed by mae, pumpkin, beans and okra.
- When compared with the cultivation progress as at end December 2016 with the cultivation progress of end December 2017, up country vegetables and low country vegetables shows lower progress except Beans, Bitter gourd and Brinjal.

Table 5 : Vegetables : Targets and cultivation extents as at end December 2017 of Maha 2017/18 season

Crop	Target (ha)	Progress (ha)	% Progress from the target
Up-Country Vegetables			
Bean	4,906	2,427	49
Beet	1,367	530	39
Cabbage	2,493	1,320	53
Capsicum	2,385	1,115	47
Carrot	1,652	989	60
Knol-Khol	569	302	53
Leeks	1,056	501	47
Radish	1,866	801	43
Total	16,294	7,985	49
Low-Country Vegetables			
Red Pumpkin	3,496	2,863	82
Snake gourd	2,173	1,063	49
Tomato	3,073	2,045	67
Cucumber	1,644	888	54
Bitter gourd	2,589	1,469	57
Okra	4,216	2,258	54
Brinjal	5,186	3,261	63
Ash plantain	680	443	65
Luffa	2,183	1,122	51
Mae	5,349	3,032	57
Winged bean	739	536	73
Kakiri	323	213	66
Egg plant	289	165	57
Total	31,940	19,358	61
Grand Total	48,234	27,344	57

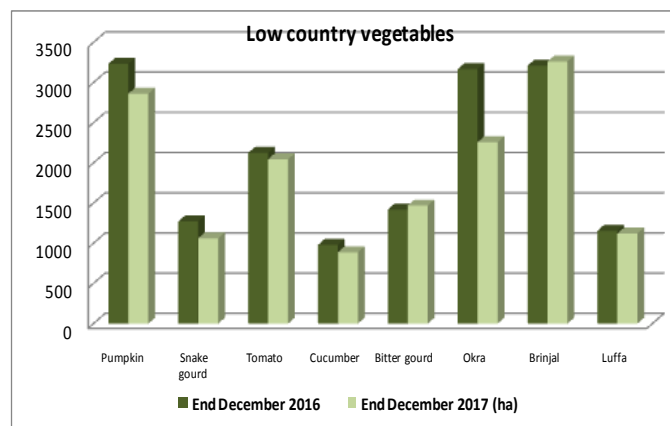
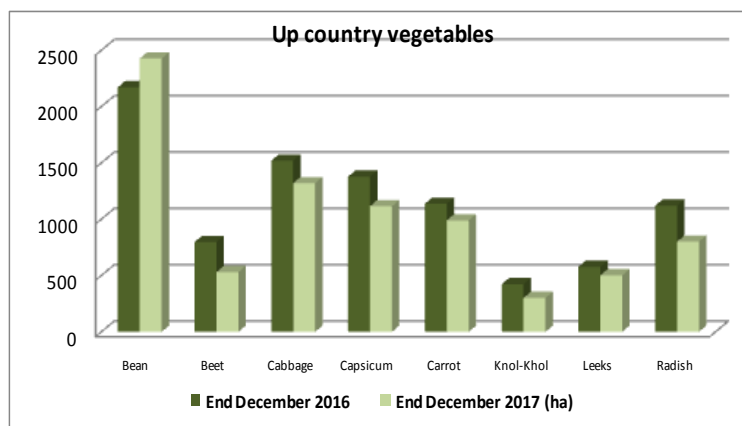


Figure 8: Vegetables : Cultivation extend as at end December 2016 and 2017

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Crop cultivation extents provided by;

- Provincial Deputy Director of Agriculture Offices
- Inter Province Deputy Director of Agriculture Offices
- Mahaweli Authority

Production Forecasts are made by;

Based on the moving averages of the average yields (source: Department of Census and Statistics) of past 3 years which are verified from Cost of Cultivation reports published by the Socio Economics and Planning Centre, Department of Agriculture and the following the observations of field officers.

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World Rice Production

Source: Food Outlook : Biannual Report on Global Food Markets : November 2017
Food and Agriculture Organization of the United Nations

FAO's latest forecast of world rice production in 2017 points to a broadly stable output level of 500.8 million tonnes (milled basis).

Production in Asia is now forecast to fall 550 000 tonnes below the 2016 bumper harvest to 452.5 million tonnes.

Within the region, the **Republic of Korea, Japan, Nepal and Viet Nam** are all set to see output negatively affected by excess rains or cloudy conditions, whereas reductions in the **Democratic People's Republic of Korea** and **Sri Lanka** would be linked to abnormal dryness. A sequence of floods also dampened the outlook for **Bangladesh**.

FAO anticipates 2017 output in **India** to fall 1 percent below the 2016 all-time high to 109.5 million tonnes. In **China**, 2017 output is seen little changed year-to-year, at 141.8 million tonnes.

Among the countries that have benefitted from more favourable weather, particularly positive results are expected in **Indonesia**, where the sector continues to draw support from the Government, but also in **Thailand**, where improved price prospects and ample water supplies are likely to allow another output expansion.

Record-breaking crops are also anticipated in **Cambodia, Pakistan** and the **Philippines**, with the **Islamic Republic of Iran, Iraq, the Lao People's Democratic Republic, Malaysia, Myanmar** and **Turkey** all set to gather larger crops.

Paddy Production in Asia

