

Vol. 5, Issue II

AGRICULTURE OUTLOOK



PLANNING & RESEARCH DEPARTMENT
ZARAI TARAQIATI BANK LIMITED
HEAD OFFICE, ISLAMABAD.



Contents

EXECUTIVE SUMMARY.....	3
CURRENT CROP SITUATION.....	4
Wheat	4
Sugarcane.....	4
Cotton	4
Oilseed	7
Lentil	7
Horticulture.....	8
Marketing of Crops.....	8
AGRI TRADE SITUATION	9
WEATHER OUTLOOK.....	10
MOISTURE REGIME	11
DROUGHT SITUATION.....	11
WATER SITUATION.....	11
FERTILIZER OFF-TAKE SITUATION	12
CROP CALENDER	14
ESSENTIAL AGRI COMMODITIES PRICES	19
NEWS AND TRENDS	20
FARMER’S ADVISORY	21



EXECUTIVE SUMMARY

Picking/harvesting/crushing of sugarcane, seasonal vegetables and fruit especially citrus and apple were the major field activities in most of the agricultural plains of the country during the month. Irrigation as per requirement and availability was provided.

Normal to below normal minimum temperature is expected all over the country except GB and Kashmir. Daily mean temperatures are likely to increase by 5 to 7°C gradually during this month over the most parts of the country.

During kharif season 2019, the availability of canal water in Punjab improved considerably as compared to the last kharif season. In Sindh, canal water availability remained similar to the last season, as well as the 10-year average for the province. However, the overall water availability in the province improved due to ample rainfall, which helped alleviate the drought-like condition observed last year. Still, some shortage of irrigation water was recorded during the important stages of the cotton crop's development, which contributed to depressed yields in the province.

During Rabi 2019-20, urea consumption is estimated around 2,956 thousand tonnes against 3,033 thousand tonnes in previous season showing a decrease of about 2.6 percent over Rabi 2018-19. DAP off-take is expected to increase by 16.4 percent over Rabi 2019-20. The total off-take of all fertilizers in the previous year Rabi season was 4,241 thousand against 4,410 thousand tones estimation for forthcoming Rabi 2019-20 with 3.8 percent forecasted increment.



According to State Bank of Pakistan's First Quarterly Report for FY20, The major kharif crops presented a mixed picture during Q1-FY20, based on preliminary estimates. The outcomes for the rice and maize crops were broadly favorable. However, the revised estimate for cotton crop was below the annual target as well as last year's level. In addition, early estimates of a 3.8 percent decline in the area under cultivation for sugarcane crop suggest that its performance may remain subdued. On overall basis, there are accentuated downside risks in reaching the targeted growth of 3.5 percent for agriculture during FY20, particularly given the gradually declining yields of almost all major crops.

CURRENT CROP SITUATION

1. Wheat Crop

In Punjab, wheat crop is reported at tillering/shooting stages. In Sindh, Condition of wheat crop is reported satisfactory and the crop is at heading/ flowering stage. In Khyber Pakhtunkhwa, the crop is growing at shooting/heading stage.

ECC of the Cabinet has allowed 0.30 million tons of wheat through private sector withdrawing regulatory Duty @ 60% to the extent of said quantity on the import specification of wheat, notified in the Gazette of Pakistan on 14-11-2008. No import of wheat will be allowed after 31st March, 2020, when domestic produce will be available. ECC has also directed the ministry of National food security & research to suggest ways to remove other taxes on the import of wheat, in consultation with stakeholders and submit the report thereof, to the ECC for consideration.

The Government of Pakistan has set the wheat production target at a 27 million metric tons (MMT) for the 2019 Rabi (winter) crop that will be harvested in April and May of 2020. According to this target, the Punjab region is expected to produce 19.66 million tons, Sindh, 3.8 million tons, Khyber Pakhtunkhwa, 2.57 million tons, and Baluchistan, one million tons. Wheat area is not expected to change significantly from last year. Good spells of rain across the wheat producing areas in November and December helped in the sowing and germination of the wheat crop.

2. Sugarcane

In Sindh, Crushing of sugarcane is in full swing and very good yield is expected in the areas which are not affected by floods. In KP, crushing of sugarcane crop is in progress and very good yield is reported.

3. Cotton

In lower Sindh the sowing season of cotton will be initiated in the last days of February and partially started from middle of March.



In the local cotton market during the last week due to the cautious buying of textile mills and due to the demand of high rate of good quality cotton by the ginners the trading volume remained low. Overall the rate of cotton remained stable.

In Sindh, the rate of cotton is in between Rs 7000 to Rs 9200 per maund. While the rate of Phutti which is available in very limited quantity is in between Rs 2800 to Rs 4100 per 40 Kg. In Punjab the rate of cotton is in between Rs 7600 to Rs 9300 per maund while the rate of Phutti is in between Rs 2800 to Rs 4500 per 40Kg.

Target for the area under cotton for the year 2019-20 as fixed by FCA was 2895 thousand hectares and production target was 13,440 thousand bales. The target of crop area and production could not be achieved.

Targets and estimated Achievement of Area, Production and Yield of Cotton: 2019-20

Province	Area under Production (000 hectares)			Production(000 bales)		
	Target	Achievement*	Deviation (%)	Target	Achievement*	Deviation (%)
Pakistan	2895	2697.015	-6.838	13440.2	12720	-24.108
Punjab	2145	2044	-4.7086	8640	6200	-28.240
Sindh	640	615	-3.9062	4600	3900	-15.217
KP	10	0.1	-99	200	100	-50
Balochsitan	100	37.915	-62.085			

**Provisional, 1 bale=170 kg approx.*

Source: FCA

This year cotton target could not be achieved due to competitiveness of other crops like sugarcane, maize and rice. The Government facilitated PB Ropes for the management of Pink Ball Worm but the weather conditions provided conducive environment for Pink Ball Worm in some areas where farmers were unable to use PB Ropes insecticides because of high cost.

In the month of July and August 2019, international cotton prices dropped down and affected local prices. Lower cotton prices resulted in reduced investments on management of cotton like pesticide and fertilizers.

SEED COTTON ARRIVALS AS ON 1st FEBRUARY, 2020 (Bales)

Heads	2019-20 (Season)			2018-19 (Season)		
	Punjab	Sindh	Total	Punjab	Sindh	Total
Arrivals	5,014,203	3,472,901	8,487,104	6,461,080	4,144,666	10,605,746
Sales to Exporters	0	58,666	58,666	2800	98,100	100,900
Sales to Textile Mills	4,433,760	3,198,303	7,632,063	5,367,296	3,647,602	9,014,898
Sales to T.C.P	-	-	-	-	-	-
Unsold Stock	519,359	211,405	730,764	1,033,989	396,405	1,430,394
Un-ginned Stock	61,084	4,527	65,611	56,995	2,559	59,554

Source: Pakistan Cotton Ginners Association.

SEED COTTON, RAW COTTON, COTTON SEED AND COTTON SEED CAKE PRICES CROP 2019-20

Market	Seed Cotton	Raw Cotton (Lint)	Cotton Seed	Cotton Seed Cake
	(Rs. Per 40 Kgs)			
	12.02.2020	12.02.2020	12.02.2020	12.02.2020
Rahim Yar Khan	2800-4000	9592	1849	1875
Bahawalpur	3300-4500	9484	1929	1956
Burewala*	3000-4200	9645	2009	2054
Vehari*	2800-3800	8413	1715	1964
Mian Channu*	3300-3400	-	1983	1982
Ghotki	-	9752	-	1929
Khairpur	-	9056	-	1889
Sukkur	3900	9056	1741	1741

Source: Market Report.

Note: *shows market prices, while others are rates of ginning factories.

PROVISIONAL STATEMENT OF EXPORT AND IMPORT OF COTTON (Value= Million Rs)

Exports						Imports					
July18-June,2019		July17-June,2018		% change		July18-June, 2019		July17-June, 2018		% change	
Qty Bales	Value	Qty Bales	Value	Qty	Value	Qty Bales	Value	Qty Bales	Value	Qty	Value
74,500	2,708	207,424	6,184	-64.08	-56.21	2,439,171	107,874	3,521,453	122,009	-30.73	-11.59

Source: Pakistan Bureau of Statistics.

PROVISIONAL STATEMENT OF EXPORT AND IMPORT OF COTTON (Value= MillionRs)

Exports						Imports					
July,19 - Dec, 2019		July,18 - Dec,2018		% change		July,19- Dec,2019		July,18- Dec,2018		% change	
Qty Bales	Value	Qty Bales	Value	Qty	Value	Qty Bales	Value	Qty Bales	Value	Qty	Value
67,647	2,410	51,112	1,795	32.35	34.26	291,594	13,624	383,365	15,519	-23.94	-12.21

Source: Pakistan Bureau of Statistics.



4. Oilseed

In Punjab, the growth of oilseed crop (Mustard) is reported satisfactory and the crop is at pod formation while the mid and late sown crop is at flowering stage.

In Sindh, condition of oil seed crops is reported satisfactory. Castor oil and Jatropha crops are growing satisfactory at capsule formation stage. Rape mustard is at pod formation stage, Safflower and Linseed are at vegetative stage and sunflower at early germination stage.

In KP, The growth of oil seed crops including newly introduced bio-fuel crop Jatropha is reported satisfactory.

Production Plan for Oilseed 2019-20:

Crop	Province	Proposed Targets (2019-20)		
		Area(000 ha)	Production (000 tonnes)	Yield (kg/ha)
Canola	Punjab	17.6	29.7	1685
	Sindh	2.85	3.43	1206
	KP	0.44	0.30	622
	Balochsitan	2.2	1.4	676
	Pakistan	23	35	
Sunflower	Punjab	30	59.43	1981
	Sindh	75	77	1028
	KP	1.2	1.9	1598
	Balochsitan	2.1	3.1	1500
	Pakistan	108	141	
Mustard	Punjab	176	257	1456
	Sindh	46	48	1056
	KP	12	5.47	468
	Balochsitan	15	11	753
	Pakistan	249	322	

5. Lentil

In Punjab, growth and development of Gram crop has been reported satisfactory. The early sown crop is attaining flowering stage. Sowing of Masoor crop has been completed.



6. Horticulture

Germination/growth of the crop is reported satisfactory. Harvesting/picking of winter vegetables and fruit (citrus) is in progress and very good yield has obtained this year.

In Sindh, seasonal fruits like Guava, Banana, Cheeko (Kiwi Fruit) are in good condition. Cheeko and apple stone (Bare) are at fruit formation stage. Picking / harvesting of winter vegetables is in progress and good yield is being obtained.

In KP, harvesting of winter vegetables is in progress and these are available in the market. Growth of orchard is satisfactory and good yield of citrus has been reported.

In Baluchistan, condition of standing crops and orchards is reported satisfactory. All varieties of apples have developed colour and picking of the fruit is in progress. Yield of winter vegetables are reported well and these are available in the market. However, most of the crops/orchids have been affected by locust attack in the south and central regions.

In Gilgit-Baltistan, most of the agricultural activities have been suspended due to the extreme winter season in the area.

MARKETING OF CROPS

Crop	Marketing
Onion	It is grown in all four provinces and remained available in market whole year. Nowadays, onion is being supplied from Sindh Province to other parts of the country.
Potato	It is also grown in all provinces and is being supplied from Punjab province
Tomato	It is also grown in all provinces and is being supplied from Sindh Province.
Red Chili	It is mostly grown in Southern Punjab and Sindh. Nowadays, chili is being supplied in markets from Sindh province.

Source: Agriculture Marketing Roundup, Gov. of Punjab



AGRI TRADE SITUATION

EXPORTS:

Commodity	(Thousand US Dollar)						
	Jul-Jun		Dec	Nov	Dec	Jul-Dec	
	FY18	FY19	FY19	FY20 R	FY20 P	FY19	FY20 P
A. Food Group	4,817,709	4,644,704	349,703	347,619	459,694	1,916,977	2,250,555
01. Rice	1,933,133	1,937,881	164,358	147,362	221,388	744,098	976,537
A) Basmati	551,153	684,939	50,737	62,547	85,901	264,224	420,281
B) Others	1,381,979	1,252,942	113,621	84,814	135,486	479,874	556,256
02 Fish & Fish Preparations	489,000	459,877	39,644	45,692	51,146	192,048	232,506
03 Fruits	395,754	438,124	34,400	24,687	40,033	188,016	200,237
04 Vegetables/Leguminous Vegetabl	170,814	260,864	22,646	22,221	35,039	102,040	129,173
05 Tobacco	18,301	24,839	736	2,059	3,551	17,765	16,170
06 Wheat	115,187	46,305	0	0	0	20,911	4,649
07 Spices	80,401	87,871	8,926	8,322	6,246	44,277	40,160
08 Oil Seeds, Nuts and Kernals	32,698	66,815	10,964	4,894	1,876	44,878	23,160
09 Sugar	683,460	236,667	705	8,395	6,576	58,868	93,141
10 Meat and Meat Preparations	210,932	242,263	18,759	24,855	31,342	106,270	149,416
11 All Other Food Items	688,029	843,199	48,566	59,132	62,496	397,807	385,406
B. Textile Group	13,376,780	13,579,416	1,078,361	1,055,133	1,132,549	6,905,489	6,817,651
12 Raw Cotton	56,947	20,978	1,758	885	2,621	15,437	15,579
13 Cotton Yarn	1,248,940	1,201,646	93,026	84,944	107,033	688,189	602,054
14 Cotton Cloth	2,175,950	2,173,667	177,164	155,798	173,040	1,114,087	1,031,625
15 Cotton Carded or Combed	2,245	768	243	23	0	614	397
16 Yarn Other than Cotton Yarn	29,769	32,028	2,779	3,138	2,936	15,954	23,251
17 Knitwear	2,615,135	2,853,402	230,748	223,621	245,206	1,464,752	1,477,625
18 Bed Wear	2,345,985	2,347,173	186,438	199,990	192,892	1,205,384	1,191,079
19 Towels	750,090	712,697	53,692	55,304	57,022	344,496	350,655
20 Tents,Canvas & Tarpulin	85,403	86,319	8,549	7,842	9,379	40,994	37,841
21 Readymade Garments	2,477,117	2,568,089	190,936	201,124	215,021	1,221,147	1,330,669
22 Art,Silk & Synthetic Textile	295,157	284,098	23,019	25,525	27,578	142,719	155,649
23 Madeup Articles(incl.Other Tex	733,350	701,192	57,194	49,536	51,975	367,267	304,697
24 Other Textile Materials	560,693	597,357	52,814	47,402	47,844	284,448	296,529

P: Provisional, R: Revised

Source: <http://www.sbp.gov.pk/>

Imports:

Commodities and Groups	(Thousand US Dollar)						
	Jul-Jun		Dec	Nov (R)	Dec (P)	Jul-Dec	
	FY18	FY19	FY19	FY20	FY20	FY19	FY20 P
A. Food Group	5,501,960	4,750,983	434,079	417,551	390,006	2,469,995	2,183,104
01. Milk and Cream including for Infants	281,771	226,261	20,801	16,288	20,706	100,986	84,034
02. Wheat Unmilled	1,246	21	-	-	-	21	-
03. Dry Fruits	73,973	15,943	1,763	1,443	875	5,658	6,574
04. Tea	577,261	499,919	39,640	38,963	36,524	254,820	217,311
05. Spices	137,076	132,159	7,547	11,385	9,591	61,381	68,885
06. Soyabean Oil	131,820	105,753	4,663	5,295	1,281	43,488	34,166
07. Palm Oil	1,908,304	1,661,994	147,233	160,568	133,241	878,097	799,444
08. Sugar	4,837	3,580	178	137	273	1,601	1,195
09. Pulses	450,853	378,501	30,890	26,241	30,748	203,673	175,656
10. All Others Food Items	1,934,818	1,726,853	181,364	157,231	156,766	920,272	795,838

P: Provisional, R: Revised

Source: <http://www.sbp.gov.pk/>

WEATHER OUTLOOK

SYNOPTIC SITUATION: The global SST forecast shows mainly neutral ENSO conditions during the forecast season. A somewhat positive Indian Ocean Dipole is forecasted by Global Climate Models. The MJO is likely to remain in neutral phase during the 1st half of February 2020. This situation will favor dry weather in most parts of the country during the month of Feb. 2020. On the basis of above discussed global atmospheric and oceanic conditions, following are the main features of weather outlook in February 2020:

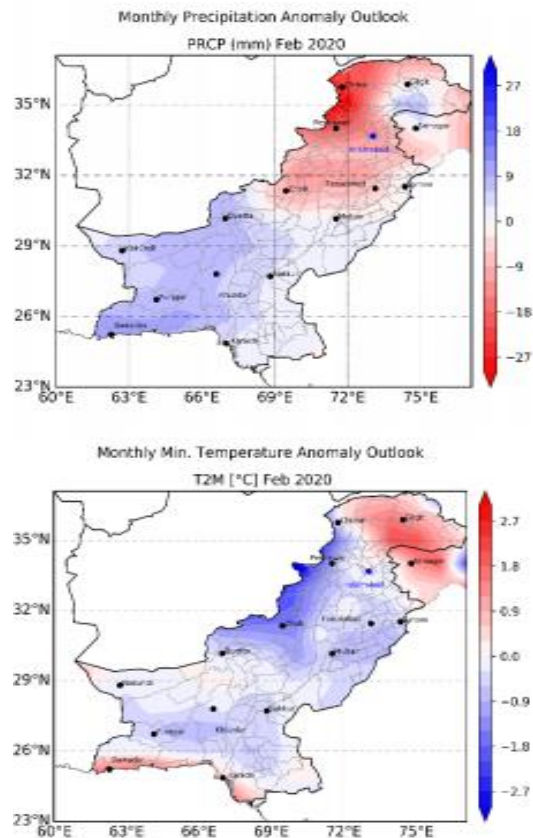
1. Precipitation: Slightly above normal precipitation is expected in southern half while normal to slightly below normal over northern half of the country. Two to three western disturbances are likely to approach after mid-February, which may cause light to moderate rainfall at scattered places of southern and southwestern, central and northern parts of the country. Third and fourth weeks are predicted to be wetter as compared to rest of the days of the month. The snowfall is also likely to occur over High Mountain in north Balochistan, Kashmir and Northern areas of Pakistan.

2. Temperature: Normal to below normal minimum temperature is expected all over the country except GB and Kashmir. Daily mean temperatures are likely to increase by 5 to 7°C gradually during this month over the most parts of the country.

3. Impact of Weather over different sectors:

- Snowfall accumulation will still increase with low pace during the month.
- Air pollution and fuel combustion induced smog intensity is likely to increase during the February in the upper Sindh and central parts of Punjab.
- Due to the gradual rise in daily mean temperatures in the plain areas of Sindh, Balochistan and Punjab, there are almost no chances of frost occurrence.

Source: <http://nwfc.pmd.gov.pk>





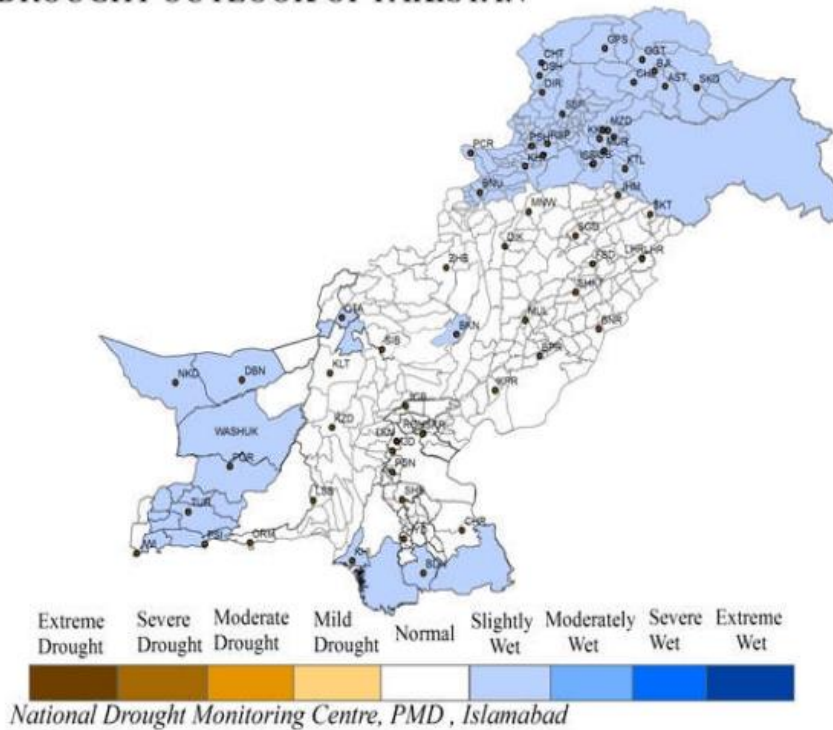
MOISTURE REGIME DURING JANUARY, 2020

January is normally considered as a rainy month in winter season in the agricultural plains of the country. During this January normal to above normal rainfall reported in most agricultural plains of the country. The highest amount of rainfall was reported 223 mm at Malam Jabba followed by 198 mm at Kalam, 177 mm at Balakot and Dir, 153mm at Muzaffarabad, and 144 mm at Rawalpindi. Number of rainy days recorded in agricultural plains of the country reached up to 9 days. Maximum number of rainy days was recorded at Skardu as 9 days followed by 7 days in Quetta and 6 days in Bagrote and Nokkundi.

DROUGHT SITUATION

Normal conditions are seen all over across the country. Wet conditions prevailed over some places in the northern parts of the country and few places in Balochistan and Sindh. During the first fortnight of January 2020, the rains in the agricultural plains of Khyber Pakhtunkhwa and Punjab gave relief to the fields.

DROUGHT OUTLOOK OF PAKISTAN



Source: <http://nwfc.pmd.gov.pk>



WATER SITUATION

During kharif season 2019, the availability of canal water in Punjab improved considerably as compared to the last kharif season. In Sindh, canal water availability remained similar to the last season, as well as the 10-year average for the province. However, the overall water availability in the province improved due to ample rainfall, which helped alleviate the drought-like condition observed last year. Still, some shortage of irrigation water was recorded during the important stages of the cotton crop's development, which contributed to depressed yields in the province.

The monthly water requirement of wheat crop during February is given below:

S. No.	Region	Water Requirement	
		(mm)	Cubic Meter/Hectare
1.	Quetta valley	20-25	200-250
2.	Potohar plateau and upper KP	30-35	300-350
3.	Central Punjab and lower KP	35-40	350 -400
4	Southern Punjab	40-45	400-450
5.	Sindh and lower Baluchistan	45-55	450-550

Anticipated Water Availability Position for Rabi 2019-20

On average, 15% water shortage against average system usage is anticipated during the current Rabi season.

Anticipated Water availability Position for Rabi 2019-20:

Province	Average System Usage (MAF)	Estimated Water availability for current Rabi (MAF)	Excess(+)/Less(-) than Average System Usage	
			(MAF)	(%)
Punjab	19.935	16.933	-3.002	-15
Sindh	15.042	12.779	-2.263	-15
KP	0.706	0.706	0	0
Balochsitan	1.027	1.027	0	0
Paksitan	36.710	31.444	-	-

Sources: 1. Federal Committee on Agriculture 2. Pakistan Meteorological Department.

FERTILIZER SITUATION

1. Fertilizer Off-take during Rabi 2019-20 (Estimated): Fertilizer off-take during Rabi 2019-20 is given below in the table. Urea consumption is estimated around 2,956 thousand tonnes against 3,033



thousand tonnes in previous season showing a decrease of about 2.6 percent over Rabi 2018-19. DAP off-take is expected to increase by 16.4 percent over Rabi 2019-20. The total off-take of all fertilizers in the previous year Rabi season was 4,241 thousand against 4,410 thousand tonnes estimation for forthcoming Rabi 2019-20 with 3.8 percent forecasted increment.

Estimated Fertilizer off take during Rabi 2019-20 (Oct-March)

(000 tonnes)

Province	Urea	DAP	TSP/MAP	SOP/MOP	Total
Punjab	2,007	1034	21	22	3,084
Sindh	727	277	5	7	1,016
KP	136	52	2	2	192
Balochistan	86	29	2	1	118
Pakistan	2,956	1,392	30	32	4,410
Rabi 2018-19	3,033	1,164	9	35	4,241

Source: Federal Agriculture Committee

2. Estimated Supply Demand Situation during Rabi 2019-20

Rabi 2019-20 is expected to start with inventory of 523 thousand tonnes of urea. Total availability of urea will be 3,349 thousand tonnes comprising of 523 thousand tonnes of opening balance and 2,826 thousand tonnes of domestic production. Urea off-take is expected to be around 3,956 thousand tonnes. Total availability of DAP will be 851 thousand tonnes against expected off-take of 1392 thousand tonnes. Total availability of potash fertilizers (SOP/MOP) will be 36 thousand tonnes against expected off take of 32 thousand tonnes. Supply/Demand gap in DAP and SOP/MOP will be met by imports through private sector during Rabi 2019-20.

Estimated Fertilizer Supply/Demand in Rabi 2019-20 (Oct-March)

(000 tonnes)

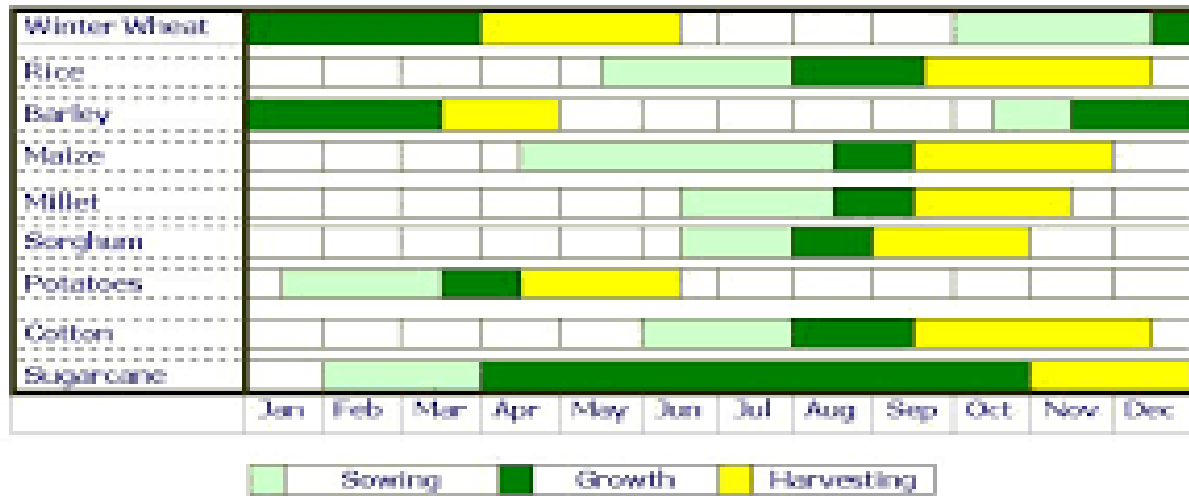
Province	Urea	DAP	TSP/MAP	SOP/MOP	Total
Opening Inventory	523	318	5	31	877
Imported Supplies	0	180	0	0	180
Domestic Production	2,826	353	0	5	3,184
Total availability	3,349	851	5	36	4,241
Off-take	2,956	1,392	30	32	4,410
Estimated Inventory	393	-541	-25	4	-169

Source: Federal Agriculture Committee



CROP CALENDAR

Crop Calendar of Pakistan





Crop Calendar for Punjab:

GENERAL CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wheat												
Cotton												
Rice												
Sugarcane												
Tobacco												
Corn												
Gram												
Sunflower												
Sorghum												
Rape seed												
VEGETABLES												
Potato												
Tomato												
Cabbage												
Cauliflower												
Carrot												
Peas												
Onion												
Melon												
Cucumber												
Water-melon												
Squash												
Bitter Gold												
Chillies												
Brinjal												
Lady's finger												
ORCHARDS												
Mango												
Citrus												
Apple												
Grapes												
Strawberry												
Peaches												
Banana												
Pomegranate												
Guava												



Crop Calendar for Sindh:

GENERAL CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wheat												
Cotton												
Rice												
Sugarcane												
Tobacco												
Corn												
Gram												
Sunflower												
Sorghum												
Rape seed												
VEGETABLES												
Potato												
Tomato												
Cabbage												
Cauliflower												
Carrot												
Peas												
Onion												
Melon												
Cucumber												
Water-melon												
Squash												
Bitter Gold												
Chillies												
Brinjal												
Ladies finger												
ORCHARDS												
Mango												
Citrus												
Banana												
Pomegranate												
Guawa												



Crop Calendar for Khyber Pakhtunkhwa:

GENERAL CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wheat	Yellow											Yellow
Cotton					Green	Green	Green	Green	Green			
Rice					Yellow	Yellow	Yellow	Yellow	Yellow			
Sugarcane			Purple	Purple	Purple	Purple			Purple	Purple		
Tobacco			Brown	Brown	Brown							
Corn			Light Blue	Light Blue	Light Blue	Light Blue						
Gram	Dark Blue	Dark Blue	Dark Blue									
Sunflower			Olive	Olive	Olive							
Mong					Olive	Olive	Olive	Olive				
Sorghum			Blue	Blue	Blue							
Rape seed	Pink	Pink										
VEGETABLES												
Potato				Pink	Pink	Pink	Pink	Pink	Pink	Pink		
Tomato					Red	Red	Red	Red			Red	Red
Cabbage				Light Green	Light Green	Light Green	Light Green	Light Green				
Cauliflower												
Carrot												
Peas		Light Blue	Light Blue	Light Blue					Light Blue	Light Blue	Light Blue	
Onion		Olive	Olive	Olive	Olive	Olive	Olive			Olive	Olive	Olive
Melon		Purple	Purple	Purple	Purple	Purple	Purple		Purple	Purple		
Cucumber		Light Blue	Light Blue	Light Blue					Light Blue	Light Blue	Light Blue	
Water-melon		Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue		Dark Blue	Dark Blue		
Squash		Olive	Olive	Olive	Olive	Olive	Olive					
Bitter Gold		Purple	Purple	Purple								
Chillies			Dark Purple	Dark Purple	Dark Purple	Dark Purple	Dark Purple					
Brinjal			Light Green	Light Green	Light Green	Light Green			Light Green	Light Green	Light Green	
Ladies finger		Red	Red	Red								
ORCHARDS												
Mango												
Citrus												
Apple		Brown	Brown	Brown	Brown	Brown	Brown					
Grapes		Light Blue	Light Blue	Light Blue	Light Blue	Light Blue						
Strawberry												
Peaches			Light Purple	Light Purple	Light Purple							
Banana												
Pomegranate			Yellow	Yellow	Yellow	Yellow						
Guawa												



Crop Calendar for Balochistan:

GENERAL CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wheat	Yellow											Yellow
Cotton					Green	Green	Green	Green	Green			
Rice					Yellow	Yellow	Yellow	Yellow	Yellow			
Sugarcane												
Tobacco			Brown	Brown	Brown							
Corn												
Gram	Dark Blue	Dark Blue	Dark Blue									
Sunflower			Blue	Blue	Blue							
Sorghum			Blue	Blue	Blue							
Rape seed	Red	Red										
VEGETABLES												
Potato			Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink			
Tomato	Red	Red	Red	Red	Red	Red	Red	Red	Red		Red	Red
Cabbage				Light Green	Light Green	Light Green	Light Green	Light Green	Light Green			
Cauliflower												
Carrot												
Peas		Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Onion		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Melon		Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple
Cucumber	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Water-melon		Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue
Squash	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
Bitter Gold		Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple
Chillies			Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
Brinjal			Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
Ladies finger		Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
ORCHARDS												
Mango												
Citrus												
Apple		Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Grapes			Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Strawberry												
Peaches			Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple
Banana												
Pomegranate			Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Guava												



AVERAGE MONTHLY PRICES OF ESSENTIAL FOOD ITEMS FOR THE MONTH OF JANUARY 2020

Description	Unit	Islam- abad	Rawal- pindi	Lahore	Faisal- abad	Karachi	Sukkur	Larkana	Pesha- war	Bannu	Quetta	Average Prices			%change Jan 20 over	
												Jan 20	Dec 19	Jan 19	Dec 19	Jan 19
Wheat Flour Bag	20 Kg	942.2	906.56	808.00	807.00	1197.67	1052.9	1030.32	1025.03	1099.8	1105.50	944.44	906.46	788.33	4.19	19.80
Rice Basmati Broken (Average)	1 Kg	101.5	92.86	74.71	90.00	90.99	63.16	94.91	86.53	54.85	109.92	81.57	81.84	76.13	-0.33	7.15
Rice IRRI-6/9 (Sindh/Punjab)	1 Kg	73.19	74.01	56.66	63.16	65.61	54.77	45.50	61.30	60.00	81.98	61.48	61.38	54.92	0.16	11.94
Bread plain (Small Size)	Each	55.00	55.00	55.00	55.00	35.00	60.00	50.00	50.00	40.00	50.00	48.52	48.32	43.17	0.41	12.39
Beef with Bone (Avg. quality)	1 Kg	501.8	485.25	450.00	421.91	534.33	400.00	424.51	397.38	400.00	419.92	430.61	428.70	392.90	0.45	9.60
Mutton (Average Quality)	1 Kg	1034	1025.4	966.38	1000.0	968.73	800.00	874.76	860.53	706.60	889.96	890.01	887.77	806.60	0.25	10.34
Chicken Farm Broiler (Live)	1 Kg	172.5	162.72	157.71	162.50	185.08	180.60	170.59	170.62	165.68	184.07	170.86	147.44	133.54	15.88	27.95
Milk fresh (Un-boiled)	1 Ltr	109.05	111.49	80.00	93.22	108.74	100.00	109.70	103.64	93.22	110.00	93.76	93.51	85.88	0.27	9.18
Curd (Dahi) Loose	1 Kg	121.4	118.26	100.00	100.00	160.00	110.00	120.00	116.28	103.23	120.00	107.78	107.65	101.14	0.12	6.57
Powdered Milk NIDO 390 gm Polyba	Each	460.0	460.00	451.89	457.96	441.98	453.84	460.00	447.89	441.89	481.78	453.38	440.65	395.62	2.89	14.60
Eggs Hen (Farm)	1 Dozen	130.4	125.52	125.76	130.54	131.79	131.78	126.71	129.93	131.63	138.93	128.22	121.34	115.95	5.67	10.58
Mustard Oil (Average Quality)	1 Kg	254.9	259.17	202.34	212.53	199.41	191.90	249.87	242.07	195.27	219.85	214.14	204.39	187.36	4.77	14.29
Cooking Oil DALDA or Other Similar B	Each	1185	1185.00	1170.0	1214.2	1172.08	1170.0	1191.96	1194.92	1180.0	1172.9	1185.01	1166.39	1001.1	1.60	18.37
Vegetable Ghee DALDA/HABIB 2.5 kg	Each	575	575.00	577.83	596.21	564.81	560.00	590.00	577.83	575.00	590.00	578.51	561.55	491.26	3.02	17.76
Vegetable Ghee DALDA/HABIB or Ot	Each	223.2	223.00	235.32	227.17	222.03	220.00	230.00	226.41	220.00	229.96	226.17	215.65	181.94	4.88	24.31
Bananas (Kela) Local	1 Dozen	127.3	104.15	86.52	61.01	70.04	69.00	71.62	71.60	68.75	80.97	73.62	64.15	66.07	14.76	11.43
Pulse Masoor (Washed)	1 Kg	156.7	139.10	138.50	164.59	139.68	131.18	138.83	132.22	140.00	159.79	145.85	136.91	119.15	6.53	22.41
Pulse Moong (Washed)	1 Kg	240.6	233.31	200.51	235.17	241.28	241.26	225.02	215.52	235.86	255.74	229.68	197.02	124.10	16.58	85.08
Pulse Mash (Washed)	1 Kg	235.0	230.26	228.31	249.29	216.22	206.46	181.97	224.95	228.49	269.88	224.58	207.20	151.24	8.39	48.49
Pulse Gram	1 Kg	171.2	166.25	148.18	167.19	158.56	156.50	143.73	163.53	149.22	187.57	158.61	138.36	124.82	14.64	27.07
Potatoes	1 Kg	60.99	53.67	45.52	47.31	41.72	39.29	38.44	42.78	50.61	43.65	45.04	46.11	22.10	-2.32	103.80
Onions	1 Kg	78.08	68.64	54.47	57.04	54.82	49.13	49.03	70.22	54.64	72.77	59.50	72.73	27.07	-18.19	119.80
Tomatoes	1 Kg	128.8	118.89	106.66	93.41	93.21	86.97	94.59	99.76	87.42	102.72	102.18	126.89	48.71	-19.47	109.77
Sugar Refined	1 Kg	80.57	77.39	75.97	75.47	74.53	73.96	73.29	77.56	76.41	78.78	75.77	71.08	58.41	6.60	29.72
Gur (Average Quality)	1 Kg	130.6	122.54	125.14	129.50	130.66	113.11	108.51	118.39	103.23	114.93	118.70	109.72	84.21	8.18	40.96
Salt Powdered (NATIONAL/SHAN) 80	Each	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	29.73	0.00	0.91
Chilies Powder NATIONAL 200 gm Pa	Each	150.0	150.00	155.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.29	150.29	144.54	0.00	3.98
Garlic (Lehsun)	1 Kg	317.8	312.51	299.58	275.75	328.29	284.75	241.93	295.71	311.60	373.61	294.00	284.22	163.72	3.44	79.57

Source: <http://www.pbs.gov.pk/>



NEWS & TRENDS

- A new high cane and sugar yielding sugarcane variety YT-55-Thatta developed by scientists of National Sugar and Tropical Horticulture Research Institute(NSTHRI), PARC, Thatta has been approved by Provincial Seed Council, Sindh for commercial cultivation in Sindh in its 33rd meeting of the council held at Agriculture, Supply and Prices Department, Government of Sindh Karachi. The said variety was already approved by Variety Evaluation Committee (VEC), Islamabad in 2018, therefore, it can be cultivated all over Pakistan. The variety YT-55-Thatta was tested at PARC-NSTHRI, Thatta then acclimatized and adopted to varying agro-climatic zones of Pakistan. The said variety has yield potential of 1500-1800 Mnds/acre and CCS 13%. The other attractive features are: rapid and excellent germination, fast growth habit in all growth stages, profused and uniform tillering ability, resistant to insect pests and diseases. It is the fourth addition by NSTHRI in the pool of commercially cultivated sugarcane varieties.
- Pakistan Agricultural Research Council (PARC) and Livestock and Dairy Development Board (LDDDB) has signed MoU to develop and implement joint research and for exchange of scientific and technical expertise in livestock and dairy development sector. A delegation from Livestock and Dairy Development Board (LDDDB) visited PARC HQs for the purpose.
- The United States Agency for International Development (USAID) hosted the first-ever 'Modernising Agriculture through Innovative Technologies Conference 2020' in Islamabad . The event showcased the transformational impact of the US-Pakistan partnership to advance agricultural commercialization in Pakistan through strategic partnerships with 30 dynamic agricultural technologies businesses. The conference is part of USAID's four-year Pakistan Agricultural Technology Transfer Activity (PATTA). This initiative enables the private sector to give Pakistani farmers access to innovative agricultural products and management practices, which improve productivity and enhance competitiveness.

زرعی سفارشات برائے کسان

کماڈ

- ☆ کماڈ کی کاشت کموزوں میں وقت فروری کے پہلے ہفتے سے مارچ کے وسط تک ہے۔
- ☆ کماڈ کی اچھی پیداوار کے حصول کے لیے اچھے نکاس کے لیے بھاری میرا زمین کا انتخاب کریں اور کاشت کھیلوں پر کریں۔
- ☆ ہمیشہ صحت مند بیماریوں اور کیڑوں سے پاک مندرجہ ذیل بیج استعمال کریں:

اگتی پکنے والی اقسام: سی پی ایف 400-77، سی پی ایف 237، ایچ ایس ایف 240 اور ایچ ایس ایف 242، سی پی ایف 250

اور سی پی ایف 251۔

درمیانی پکنے والی اقسام: ایچ ایس ایف 240، ایس پی ایف 213، ایس پی ایف 234، سی پی ایف 246، سی پی ایف 247،

سی پی ایف 248، سی پی ایف 249 اور سی پی ایف 253۔

پچھلی پکنے والی اقسام: سی پی ایف 252

- ☆ بروقت کاشت اور دیگر کموزوں میں دو آنکھوں والے 30 ہزار سے یا تین آنکھوں والے 20 ہزار سے فی ایکڑ ڈالنے چاہئیں۔
- ☆ گنے کی کاشت کھیلوں میں کرنے کے لیے ہموار زمین میں گہرا اہل چلائیں اور مناسب تیاری کے بعد سہاگہ دیں اور رجر کے ذریعے 10 تا 12 انچ گہری کھیلیاں 4 فٹ کے فاصلہ پر بنائیں۔

مکئی

- ☆ بہار یہ مکئی کی کاشت تمام میدانی علاقوں میں فروری کے آخر تک مکمل کر لیں۔ کموزوں میں وقت آخر فروری ہے۔
- ☆ بہار یہ مکئی کی کاشت کے لیے قطاروں کا درمیانی فاصلہ سوادوتا اڑھائی فٹ رکھیں۔ ڈرل کاشت کی صورت میں شرح مکئی کے لیے 12 تا 15 کلوگرام فی ایکڑ استعمال کریں۔ ٹوں پر کاشت کے لیے 8 سے 10 کلوگرام بیج فی ایکڑ استعمال کریں۔
- ☆ دوغلی اقسام کے لیے کمزور زمینوں میں 3 بوری ڈی اے پی اور 2 بوری پونا شیم سلفیٹ، درمیانی زمینوں میں اڑھائی بوری ڈی اے پی، ڈیڑھ بوری پونا شیم سلفیٹ اور زرخیز زمینوں کے لیے 2 بوری ڈی اے پی اور 1 بوری پونا شیم سلفیٹ فی ایکڑ استعمال کریں۔
- ☆ عام اقسام کے لیے آپاش علاقوں کی درمیانی زمینوں میں 2 بوری ڈی اے پی، ڈیڑھ بوری پونا شیم سلفیٹ، جبکہ کمزور زمینوں میں اڑھائی بوری ڈی اے پی + ڈیڑھ بوری پونا شیم سلفیٹ فی ایکڑ بوائی کے وقت استعمال کریں۔

سورج کھسی

- ☆ شمالی اور وسطی پنجاب میں کاشت کا وقت فروری کے آخر تک ہے۔ جبکہ جنوبی پنجاب میں 10 فروری تک کاشت مکمل کر لیں۔

☆ ترقی دادہ اقسام میں ہائی سن 33، ٹی 40318، اگورا 4، آکسن 5264، آکسن 5270 اور این کے ارنی کاشت کریں۔
 ☆ اچھے اگاؤ کے لیے 2 تا 2.5 کلوگرام نیج فی ایکڑ استعمال کریں۔ فصل قطاروں میں کاشت کریں۔ قطاروں کا درمیانی فاصلہ سواد و فٹ سے اڑھائی فٹ رکھیں اور پودوں کا درمیانی فاصلہ آپاش علاقوں میں 9 انچ اور بارانی علاقوں میں ایک فٹ رکھیں۔
 ☆ 1.75 بوری ڈی اے پی اور ایک بوری پوٹاشیم سلفیٹ فی ایکڑ کاشت کے وقت استعمال کریں۔

گندم

☆ گندم کی اگتی کاشتہ فصل کو دوسرا پانی 80 تا 90 اور پچھتی کاشتہ فصل کو دوسرا پانی 70 تا 80 دن بوائی کے بعد گوبھ کے وقت جبکہ تیسرا پانی اگتی کاشتہ گندم کو 125 تا 130 اور پچھتی کاشتہ فصل کو 110 تا 115 دن بوائی کے بعد دانے کی دو دھیا حالت کے وقت لگائیں۔
 ریتلی زمینوں میں نائٹروجن کی کھاد چار برابر اقساط میں ڈالیں۔ کیونکہ ایسی زمینوں میں نائٹروجن کھاد کے ضائع ہونے کا احتمال ہوتا ہے۔

سبزیات و باغات

☆ موسم گرما میں اگائی جانے والی سبزیوں میں کریلہ، گھیا کدو، گھیا توری، بھنڈی توری، بیٹنگن، ٹماٹر، سبزمیرچ، شملہ مرچ، تر اور کھیرا کی کاشت کا وقت فروری تا مارچ ہے۔
 ☆ سبزیوں کی کاشت کے لیے اچھی نکاس اور نامیاتی مادے والی زرخیز میرا زمین ہونی چاہیے۔
 ☆ ٹماٹر اور مرچ کی کاشت بذریعہ پیڑی کریں۔ جب پیڑی کی عمر 30 تا 35 دن ہو جائے تو اس پیڑی کو پٹرپوں پر سفارش کردہ فاصلے کے مطابق منتقل کریں۔
 ☆ ٹٹل کے اندر لگائی گئی سبزیوں کی آپاشی اور کھاد کا استعمال جاری رکھیں۔
 ☆ سپرے اور کھاد ڈالنے کے بعد ٹٹل کا منہ بند نہ کریں تاکہ گیس پیدا ہو کر فصل کو نقصان نہ پہنچ سکے۔
 ☆ آم کے پودوں میں نائٹروجن، فاسفورس، پوٹاش اور چسپم کی کھاد ڈالیں اور بعد میں آپاشی کریں۔
 ☆ ترشاوہ باغات میں تیار پھل کی برداشت جاری رکھیں۔ پھل سے خالی ہونے والے پودوں کی شاخ تراشی جاری رکھیں۔ اور وسط فروری کے بعد پودے لگائیں۔

Source: Zarat nama, Government of Punjab (Farmers' Advisory)

Fauji Fertilizer Company Limited (Farmers' Advisory Services)

پلاننگ اینڈ ریسرچ ڈیپارٹمنٹ
 ہیڈ آفس، زرعی ترقیاتی بینک لمیٹڈ،
 اسلام آباد



Editorial Board

Mr. Muhammad Rashid, AEVP (P&RD)

Mr. Muhammad Ayaz, SVP (P&RD)

Mr. Ijaz Hussain, AVP (P&RD)

Ms. Iqra Mazhar, OG-III (P&RD)

Mr. Ahmed Hussain, OG-III (P&RD)

Ms. Sadia Noureen, OG-III (P&RD)