

Proposed term sheets for Mango

Annexure 1

Restructured Weather Based Crop Insurance 2018-19

State	J&K
Division	jammu
District	
Crop	mango
Unit	Tree

Age Group of trees	>5-10	>10-40	>40
Sum assured per tree (Rs)	700	1000	900
Farmers Share in Premium (5% of)	35	50	45

Cover 1: Low Temperature

Cover Index: Sum of the deviation in daily minimum temperature below the trigger

From	01-Dec		
To	28-Feb		
Strike (>)	4° C		
Exit	16° C		
Age group	>5-10	>10-40	>40
Rate (Rs)	17.5	25	22.5
Maximum Payout	210	300	270

Trigger 4 ° C

Cover 2: Temperature Fluctuation

(Cover Index: Cumulative deviations of mean temperature more / less 3° C +/- SD from the trigger)

From	01-Feb		
To	15-Apr		
Strike (>)	22° C		
Exit	85° C		
Age group	>5-10	>10-40	>40
Rate (Rs)	3.33	4.76	4.28
Maximum Payout	210	300	270

Sub Phase	Start date	End date	Trigger
I	01-Feb	14-Feb	14° C
II	15-Feb	28-Feb	15° C
III	01-Mar	15-Mar	17.5° C
IV	16-Mar	31-Mar	20° C
V	01-Apr	15-Apr	25° C

Cover 3: Unseasonal/ Excess rainfall

Cover Index: No of rainy days

From	01-Feb		
To	31-Mar		
Strike (>)	20 mm		
Exit (total rainfall during the period)	140 mm		
Age group	>5-10	>10-40	>40
Rate (Rs)	1.17	1.67	1.5
Maximum Payout	140	200	180

A day is rainy when rainfall received on that day is greater than 2.5 mm.

#### Cover 4: High Wind Speed

Cover Index: Cumulative upward deviation of daily maximum wind speed from the Trigger Point.

From	01-May		
To	30-Jun		
Strike (>)	20 km/h		
Exit	40 km/h		
Age group	>5-10	>10-40	>40
Rate (Rs)	7	10	9
Maximum Payout	140	200	180

Trigger: 20 KMPH

## Proposed term sheets for Litchi

## Annexure 2

## Restructured Weather Based Crop Insurance 2018-19

State	J&K
Division	jammu
District	
Crop	Litchi
Unit	Tree

Age Group of trees	>5-10	>10-40	>40
Sum assured per tree (Rs)	800	1500	1400
Farmers Share in Premium (5% of)	40	75	70

## Cover 1: Low Temperature

Cover Index: Sum of the deviation in daily minimum temperature below the trigger

From	01-Dec
To	28-Feb
Strike (>)	4° C
Exit	20° C

Trigger 4 ° C

Age group	>5-10	>10-40	>40
Rate (Rs)	15	28.12	26.25
Maximum Payout	240	450	420

## Cover 2: Temperature Fluctuation

(Cover Index: Cumulative deviations of mean temperature more / less 3° C from the trigger)

From	01-Feb
To	15-Apr
Strike (>)	25° C
Exit	85° C

Sub Phase	Start date	End date	Trigger
I	01-Feb	14-Feb	14° C
II	15-Feb	28-Feb	15° C
III	01-Mar	15-Mar	17.5° C
IV	16-Mar	31-Mar	20° C
V	01-Apr	15-Apr	25° C

Age group	>5-10	>10-40	>40
Rate (Rs)	5.33	10	9.33
Maximum Payout	320	600	560

Cover 3: Rainfall Requirement/ deficit Rainfall

Cover Index: Aggregate Rainfall

From	01-Apr		
To	30-Jun		
Strike (>)	300 mm		
Exit	100 mm		
Age group	>5-10	>10-40	>40
Rate (Rs)	1.2	2.25	2.1
Maximum Payout	240	450	420

**REVISED WEATHER BASED CROP INSURANCE SCHEME ( 2018-19)- TERM SHEET**

	State	District	Crop	Reference Weather Station	Unit	
	Jammu & Kashmir	Pulwama, Budgam, Srinagar and Kishtwar	Saffron	Pampore	Hectare	
S. No	Weather Parameter		Phase I	Phase II	Phase III	Phase IV
1	Deficit Rainfall Volume	Period	Bud Sprouting (15th August to 2nd September)	Shoot Elongation & Flower initiation ( 3rd September to 20th October)	Initial Vegetative phase(11th November to 4th December)	
		Index	Aggregate of rainfall over respective phases			
		Strike I (<)	66 mm	114 mm	46 mm	
		Strike II (<)	30 mm	70 mm	20 mm	
		Exit	0 mm	0 mm	0 mm	
		Rate I (Rs/mm)	351	390	200	
		Rate II (Rs/mm)	2878	1612	740	
		Maximum payout (Rs)	100000	130000	20000	
		Total Payout (Rs)	250000			
		2	Excess Rainfall Volume	Period	Phase I Flower initiation & blooming ( 15 october to 10 november)	Phase II Vegetative phase ( 1st March to 31 March)
Index	Maximum of Three (03) consecutive days cummulative rainfall in respective phases					
Strike I (>)	25 mm			50 mm	50 mm	50 mm
Strike II (>)	50 mm			125 mm	125 mm	125 mm
Exit	100 mm			150 mm	150 mm	150 mm
Rate I (Rs/mm)	425			240	240	240
Rate II (Rs/mm)	1488			480	480	480
Maximum payout (Rs)	85000			30000	30000	30000
Total Payout (Rs)	175000					
3	Decrease in Day Temperature (DDT)			Period	Phase I Bud Sprouting ( 26th Aug to 09th Sep)	Phase II Shoot Elongation ( 10th Sep to 30th Sep)
		Index	Highest of consecutive days having day temperature less than benchmark			
		Benchmark	22°C	22°C	18°C	
		Strike I (>)	5°C	5°C	5°C	
		Strike II (>)	10°C	10°C	10°C	
		Exit	15°C	15°C	15°C	
		Rate I (Rs/ °C)	1500	1500	9000	
		Rate II (Rs/°C)	3500	3500	21000	
		Maximum payout (Rs)	25000	25000	150000	
		Total Payout (Rs)	200000			

4	Increase in day Temperature	Period	Phase I	Phase II	Phase III		
			26th Aug to 09th Sep	10th Sep to 30 Sep	1st Oct to 10 Nov		
		Index	Highest of consecutive days having day temperature greater than benchmark				
		Bench value	27°C	25°C	20°C		
		Strike I (>)	5°C	5°C	5°C		
		Strike II (>)	10°C	10°C	10°C		
		Exit	15°C	15°C	15°C		
		Rate I (Rs/ °C)	1500	1500	9000		
		Rate II (Rs/°C)	3500	3500	21000		
		Maximum payout (Rs)	25000	25000	150000		
		Total Payout (Rs)	200000				
		Sum Insured	825000				
		Premium	99000				
		Premium (%)	12.00				