ANNEX 10: *DATA SHEET TO RECORD FLOWERING PHENOLOGY IN AN ORCHARD CROP WITH POLLENIZER*

Flowering phenology

COUNTRY: **INDIA** SITE : **MOHAL, KULLU** FOCUS CROP : **APPLE (*Malus x domestica*)** YEAR :

Orchard number & size (ha)	**Location**	**TREATMENT**	**Date & observer**	**Recording number**	**Tree type***	**Plot number** (2 adjacent trees / plot*)	**Branch number in each tree****	**Total number of flower buds on branch** (to be recorded only once at or prior to onset of bloom)	**Number of opened flowers on branch**	**Remarks**
1 to 10		Honey bee colony brought or not*		1, 2, 3, 4	**Indicate the variety**	**1** or **2** or **3** or **4**				

** For pollenizer trees, use tree closest to the two production trees of the plot surveyed

** Select & tag one representative branch on each opposite side of each tree; each branch should be large like about 2 thumbs at its base & record all buds & opened flowers on each branch at each reading

				0 ≈ prior to colony introduction (if applicable)	production	1	1			
							2			
					pollenizer	1	1			
							2			
					production	2	1			
							2			
					pollenizer	2	1			
							2			
					production	3	1			
							2			
					pollenizer	3	1			
							2			
					production	4	1			
							2			
					pollenizer	4	1			
							2			

SHEET NUMBER ___

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Flowering phenology

COUNTRY: **INDIA** SITE : **MOHAL, KULLU** FOCUS CROP : **APPLE (*Malus x domestica*)** YEAR :

Orchard number & size (ha)	Location	TREATMENT	Date & observer	Recording number	Tree type*	Plot number (2 adjacent trees / plot*)	Branch number in each tree**	Total number of flower buds on branch (to be recorded only once at or prior to onset of bloom)	Number of opened flowers on branch	Remarks
1 to 10		Honey bee colony brought or not*		1, 2, 3, 4	**Indicate the variety**	**1** or **2** or **3** or **4**				
					production	1	1			
							2			
					pollenizer	1	1			
							2			
					production	2	1			
							2			
					pollenizer	2	1			
							2			
				1	production	3	1			
							2			
					pollenizer	3	1			
							2			
					production	4	1			
							2			
					pollenizer	4	1			
							2			

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Orchard number & size (ha)	Location	TREATMENT	Date & observer	Recording number	Tree type*	Plot number (2 adjacent trees / plot*)	Branch number in each tree**	Total number of flower buds on branch (to be recorded only once at or prior to onset of bloom)	Number of opened flowers on branch	Remarks
1 to 10		Honey bee colony brought or not*		1, 2, 3, 4	**Indicate the variety**	**1** or **2** or **3** or **4**				

** For pollenizer trees, use tree closest to the two production trees of the plot surveyed

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				2	production	1	1			
							2			
					pollenizer	1	1			
							2			
					production	2	1			
							2			
					pollenizer	2	1			
							2			
					production	3	1			
							2			
					pollenizer	3	1			
							2			
					production	4	1			
							2			
					pollenizer	4	1			
							2			

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Flowering phenology

COUNTRY: **INDIA** SITE : **MOHAL, KULLU** FOCUS CROP : **APPLE (*Malus x domestica*)** YEAR :

Orchard number & size (ha)	Location	TREATMENT	Date & observer	Recording number	Tree type*	Plot number (2 adjacent trees / plot*)	Branch number in each tree**	Total number of flower buds on branch (to be recorded only once at or prior to onset of bloom)	Number of opened flowers on branch	Remarks
1 to 10		Honey bee colony brought or not*		1, 2, 3, 4	**Indicate the variety**	**1** or **2** or **3** or **4**				

** For pollenizer trees, use tree closest to the two production trees of the plot surveyed

** Select & tag one representative branch on each opposite side of each tree; each branch should be large like about 2 thumbs at its base & record all buds & opened flowers on each branch at each reading

				3	production	1	1			
							2			
					pollenizer	1	1			
							2			
					production	2	1			
							2			
					pollenizer	2	1			
							2			
					production	3	1			
							2			
					pollenizer	3	1			
							2			
					production	4	1			
							2			
					pollenizer	4	1			
							2			

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ANNEX 10: *DATA SHEET TO RECORD FLOWERING PHENOLOGY IN AN ORCHARD CROP WITH POLLENIZER*

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COUNTRY: **INDIA** SITE : **MOHAL, KULLU** FOCUS CROP : **APPLE (*Malus x domestica*)** YEAR :

Orchard number & size (ha)	Location	TREATMENT	Date & observer	Recording number	Tree type*	Plot number (2 adjacent trees / plot*)	Branch number in each tree**	Total number of flower buds on branch (to be recorded only once at or prior to onset of bloom)	Number of opened flowers on branch	Remarks
1 to 10		Honey bee colony brought or not*		1, 2, 3, 4	**Indicate the variety**	**1** or **2** or **3** or **4**				
					production	1	1			
							2			
					pollenizer	1	1			
							2			
					production	2	1			
							2			
					pollenizer	2	1			
							2			
				4	production	3	1			
							2			
					pollenizer	3	1			
							2			
					production	4	1			
							2			
					pollenizer	4	1			
							2			

** For pollenizer trees, use tree closest to the two production trees of the plot surveyed

** Select & tag one representative branch on each opposite side of each tree; each branch should be large like about 2 thumbs at its base & record all buds & opened flowers on each branch at each reading

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