PRODUCTION TECHNOLOGY FOR NATIVE BATEK TOBACCO CY 2015-2016

TECHNOLOGY COMPONENT			DETAILS
1. Variety	Tabije Simmaba		
2. Sowing date	September 15 to	October 30	
Transplanting Cut-off Date Transplanting Method	PANGASINAN LA UNION flat planting or fur	December 15 December 30 rows	
5. Distance of planting	Pangasinan 0.90 m x 0.90 m 1.00m x 0.80m		La Union 1.0 m x 1.0 m
6. Number of plants/ha	12,345 -12,500		10,000
7. Replanting	Within 5 days after	er transplanting	
8. Fertilizer rate (kg N-P₂O₅-K₂O/ha)	383-27-36		
9. Fertilizer Source & Time and Method of Application	Quantity 1 bag 2 bags 10 bags 3 bags 3 bags	Rate & Source 10-18-24 10-18-24 46-0-0 46-0-0 46-0-0	Method and Time AT transplanting hole (bedding) at 7 DAT (dibble) alternate side of the plant at 10-14 DAT after off-barring and to be followed by hilling up after to form a ridge Applied as fertigation method after 1st priming Applied as fertigation method after 2nd priming
10. Irrigation Method and Schedule	2nd- At 5-7 DAT Irrigation: Start at 10-14 da Repeat in alterna	•	eed arises
11. Topping Height	16-18 leaves	Remove the term	ninal bud when the leaves reach at least 5 cm long

TECHNOLOGY COMPONENT					DI	TAILS						
12. Suckercide	ART 78	Apply suckercid	re ART 78 to 30 ml w e just after topping f axils 7- 10 days a	starting at the		f. Apply						
13. Crop Protection Agents	residues on toba	acco, reduce farn	ICOURAGED TO ners' exposure to pulation is beyond	CPAs, and, p								
		INSECT CUTWORM BUDWORM APHIDS LOOPERS LEAF MINERS KATYDID	5 out of 100 plant 2 budworm larvae 5 out 50 plants ha	in 4 random	cent cutworm sample groups	•	ch					
	GROWTH STAGE	ACTIVE INGREDIENT	BRAND NAME	TOXICITY CATEGORY	MODE OF ACTION	TARGET PESTS	DOSAGE	PRODUCT VOLUME	NO. OF Sprayings	Maximum Tankload/(L for seedbed) per ha	PRE- HARVEST INTERVAL (days)	RE-ENTRY PERIOD (hours)
	Seedling	Propamocarb HCI	Proplant, Previcur-N	IV	systemic	Pythium spp						
		Acephate	Blackhawk	III	contact,	T yunum Spp	30ml	57ml		1-2 liter/10		24
			Compete 75 SP		systemic	cutworm	20g	37.5g		sqm bed	3	24
	Vegetative (10 - 34 DAT)	Acephate	Blackhawk		contact, systemic,	cutworm, budworm, loopers	30ml	120ml	1	4		24
			Compete 75 SP		systemic	cutworm, budworm. loopers	20g	80g	1	4	3	24
		Chlorantraniliprole	Prevathon 5 SC	IV	systemic	cutworm, loopers	25ml	140ml	1	7	3	12

TECHNOLOGY COMPONENT	DETAILS												
	GROWTH STAGE	ACTIVE INGREDIENT	BRAND NAME	TOXICITY CATEGORY	MODE OF ACTION	TARGET PESTS	DOSAGE PER 16 L	PRODUCT VOLUME	NO. OF Sprayings	Maximum Tankload/(L for seedbed) per ha	PRE- HARVEST INTERVAL (days)	RE-ENTRY PERIOD (hours)	
	Early Maturity (35 – 50 DAT)	Bt + Pyridalyl	Dipel + Pleo	IV	systemic	cutworm, budworm, loopers	30g+20ml	330g+220ml	1	11			
	OR	Acephate	Compete 75 SP	- III	systemic	cutworm, budworm,loopers, aphids	20g	220g	1	11	3	24	
			Blackhawk		contact, systemic, stomach	cutworm, budworm,loopers, aphids	30 ml	330 ml		11		24	
	OR	Flubendiamide	Fenos 480 SC	IV	systemic	cutworm,	4ml	50-75ml	1	13-19	5	24	
	Maturity (60 DAT) until the third or fourth	Bt + Pyridalyl	Dipel + Pleo	IV	systemic	cutworm, budworm,loopers	30g+20ml	360g+240ml	1	12			
	harvest depending on insect population and crop stand	Indoxacarb	Steward 30 WDG	III	contact, stomach, ovicidal	cutworm, budworm,loopers, leaf miners	4g sachet	40g=10 sachet	1	10	7	12	
								Total Ta	nkloads	48-56			
14. Harvesting		1st priming, harv	ting 5-6 leaves est 3-4 leaves (mor iming, harvest bate		lective manner								
15. Air-Curing Barn Dimension (for 0.5 ha farm)	Curing shed with black plastic cover Dimension: Floor 4.5 m x 20.0 m Height 3 m No. of tiers 3 Height of first tier 0.85 m Distance between tiers 0.75 m												

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16. Curing	Hang the sticked leaves directly under the sun for 10-14 days or until the lamina turns brown but						
	cover them with black plastic at night time or when it rains.						
	Unload the leaves and put weight on top to press the leaves for 2-4 hours before hanging them again						
	inside the shed until fully dried (about 14-18 days under normal condition).						
	To hasten midrib drying, sundrying is allowed						
	Unload and pile the dried leaves early in the morning or when these are soft and pliable.						
	Cover the pile with mat or cheesecloth.						
	If not disposed within a week, turn the leaves once a week to prevent fermentation and pile burn.						
17. Marketing	Option 1Straight weighing						
	Remove the stick before bundling according to:						
	Leaf position Leaf position						
	Length						
	Color						
	Injury/damage						
	Option 2Selling of Batek leaves by Pardo						
	A pardo is equivalent to 120 sticks at 28-30 leaves per stick						
	REMINDER: KEEP THE MOISTURE CONTENT OF THE LEAVES AT 18% OR LESS						
	REFER TO ANNEX "I" FOR THE ELIMINATION OF NON-TOBACCO RELATED MATERIALS (NTRM)						