## PRODUCTION TECHNOLOGY FOR NEUTRAL FLAVOR BURLEY TOBACCO CY 2015-2016

TECHNOLOGY COMPONENT					DE	TAILS		
1. Variety		Bacterial Wilt	RKN	Black Shank	Fusarium Wilt	TMV/CMV		
	TN 90	S	S	MT	S	R		
	CC812G	HR	S	R	MR	S		
	NC 7	S	HR	R	HR	R		
	KT 206	S	S	HR	S	R		
			istant; MR- m	oderately resista	nt; MT- moderat	ely tolerant; S- suscep	tible	
2. Sowing date	September to	November 30						
3. Transplanting Cut-off Date	January 15, 2	2015						
4. Transplanting Method	Ridge plantin	g						
5. Distance of planting	0.8 - 1.0m x 0.50 m							
6. Number of plants/ha	20,000 - 25,000							
7. Replanting	Within 5 days after planting							
8. Fertilizer Rate	ULPI	185-54-72						
(kg N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O/ha)	тмі	124-72-96						
	Conleaf	180-37.5-75						
9. Fertilizer Source &	Quantity	Rate & Source	Method and T	ime				
Time and Method	<u>ULPI</u>							
of Application	6 bags	10-18-24		ion along planting				
	4 bags	46-0-0		•		arring at 10-14 DAT		
	6 bags	21-0-0	Sidedress as	band along the fu	ırrows during hilll	ing -up at 25-28 DAT		
	<u>TMI</u>							
	5 bags	Organic Fertilizer	Rand an	plication along pla	antina furrows at	transplanting		
	8 bags	10-18-24			_			
	8 bags	21-0-0	Sidedress as	band along the fu	urrows after off-ba	arring at 18-21 DAT		

TECHNOLOGY COMPONENT					Γ	DETAILS							
	Conleaf 5 bags 4 bags 6 bags 1 bag	10-15-20 46-0-0 21-0-0 0-0-50		nd along the fund along the fundalong	ırrows after of ırrows during l	f-barring at 10-14 [ hillling -up at 25-28							
10. Irrigation Method and Schedule		at transplanting a 7 DAT at 2 li per				<u> </u>							
	2nd 3rd 4th	10 -18 DAT all fur 21-28DAT all fur 35 to 42 DAT all f After first priming After third or fourt	rows furrows , alternate furrows		isture, alternat	e furrows							
11. Crop Protection Agents Fungicide	NOTE: THE FARMERS ARE ENCOURAGED TO APPLY CPAs ONLY AS NEEDED. To avoid CPA residues on tobacco, reduce farmers' exposure to CPAs, and, prevent insect resistance development, spray only when the insect or population is beyond ETL.												
	NOTE: REFER	INSECT PESTS CUTWORM BUDWORM APHIDS LOOPERS LEAF MINERS KATYDID R TO ANNEX "H"	5 out of 100 plar 2 budworm larva 5 out 50 plants h Treat when 10 %	ne in 4 random nave at least 5 5 or more of the ydids are seel	ecent cutworm n sample grou 0 aphids in a e plants checi n per 50 plant	ups of 10 plants ea leaf ked are infested w s.	ith live worms o	·	s)				
	GROWTH STAGE	ACTIVE	BRAND NAME	TOXICITY CATEGORY	MODE OF ACTION	TARGET PESTS	DOSAGE PER 16 L	·	NO. OF	Maximum Tankload/(L for seedbed) per ha		RE-ENTRY PERIOD (hours)	
	Seedling	Propamocarb HCl Acephate	Proplant, Previcur-N Blackhawk	IV	systemic contact, systemic,	Pythium spp	30ml	57ml		1-2 liter/10		24	
			Compete 75 SP		systemic	cutworm	20g	37.5g		sqm bed	3	24	

ECHNOLOGY COMPONENT	DETAILS											
OIII ONEN	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-ENTF PERIOI (hours)
		Acephate	Blackhawk		contact, systemic,	cutworm, budworm,loopers	30ml	120ml	1	4		24
	Vegetative (10 - 34 DAT)		Compete 75 SP		systemic	cutworm, budworm,loopers	20g	80g	1	4	3	24
34		Chlorantraniliprole	Prevathon 5 SC	IV	systemic	cutworm, budworm,loopers	25ml	140ml	1	7	3	12
	Early Maturity (3: – 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
		Лоерпате	Blackhawk	III	contact, systemic, stomach	cutworm, budworm,loopers, aphids	30 ml	330 ml		11		24
	OR	Flubendiamide	Fenos 480 SC	IV	systemic	cutworm, budworm	4ml	50-75ml	1	13-19	5	24
	Juliu ule ulliu ol	Bt + Pyridalyl	Dipel + Pleo	IV	systemic	cutworm, budworm,loopers	30g+20ml	360g+240ml	1	12		
	fourth 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 Tar	nkloads	48-56		

TECHNOLOGY COMPONENT	DETAILS								
12. Harvesting	Harvest mature leaves, starting at 55-60 DAT, as indicated by the following: - leaf color changes from light green to yellow green - browning of the leaf tips - midrib turns light green								
	arvest and unload under the shade, using cheese cloth, bamboo slats, as matting material. outt ends down within the day								
13. Air-Curing Barn Dimension	Curing shed with black plastic cover Dimension (for 1/2 hectare):								
	Floor	L= 4.5 m; W= 20.0 m							
	Height	3.0 m							
	No. of Tiers	3							
	Distance between Tiers	0.75 m							
	Height of first Tier	0.85 m							
14. Sorting and Bundling									
	REMINDER: KEEP THE MOISTURE CONTENT OF THE LEAVES AT 18% OR LESS								
15. Straight Laid Open Bale (SLOB) System	Size of Bale Box: Size varies according to the requirement of the company in relation to the size of their grading ramp but the weight should not be more than 50 kg. Pre classify the leaves by leaf position Place 4 pieces of abaca twine inside the baling box just enough tie the leaves in the box. Put leaves of similar size and quality in a bale.								
	Tie leaves before removing the bale box.								
	REFER TO AN	NEX "I" FOR THE ELIMINATION OF NON-TOBACCO RELATED MATERIALS (NTRM)							