

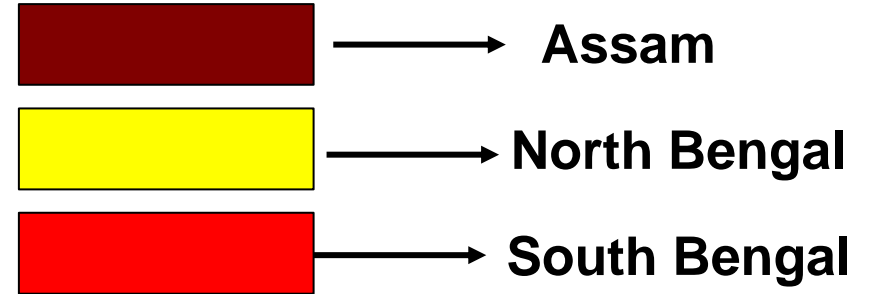
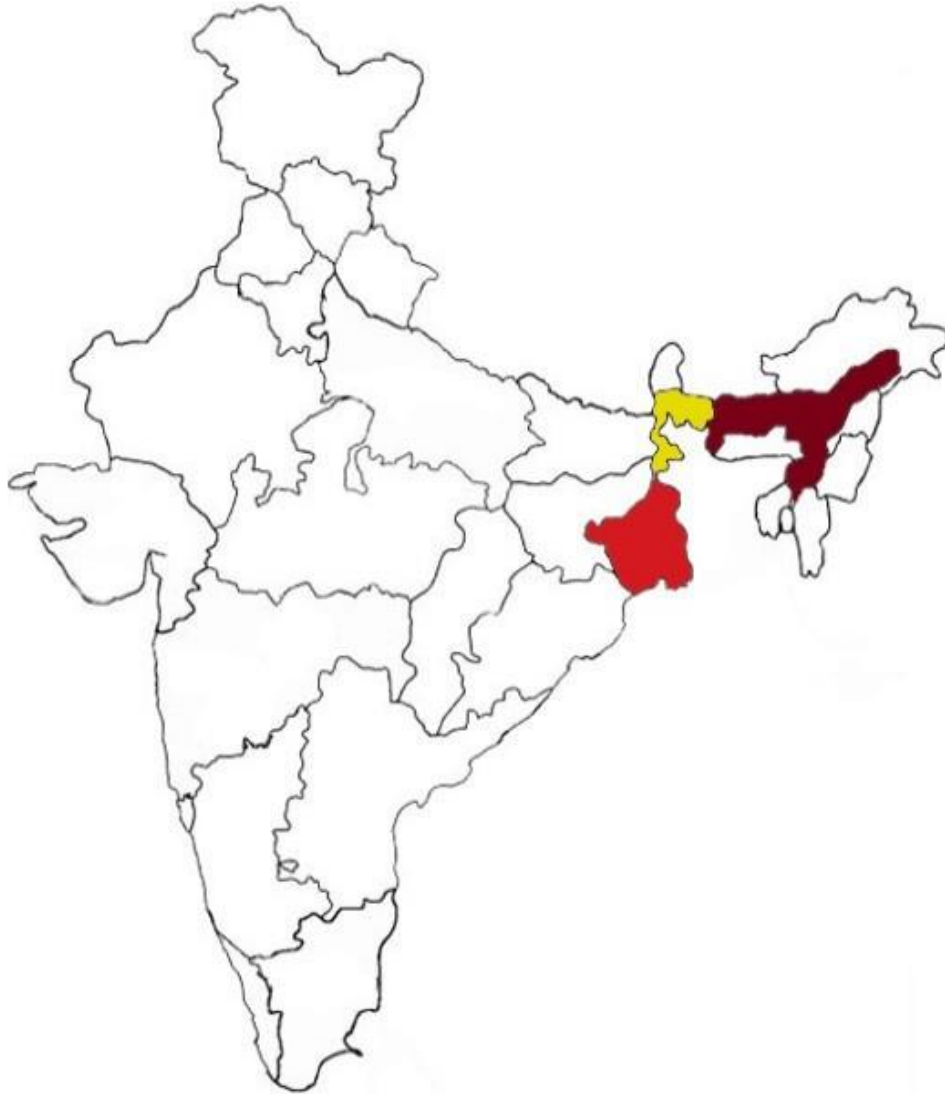


Assam Tour Report

By-Ketan Raundal, PD



VNR Geographical Working Area

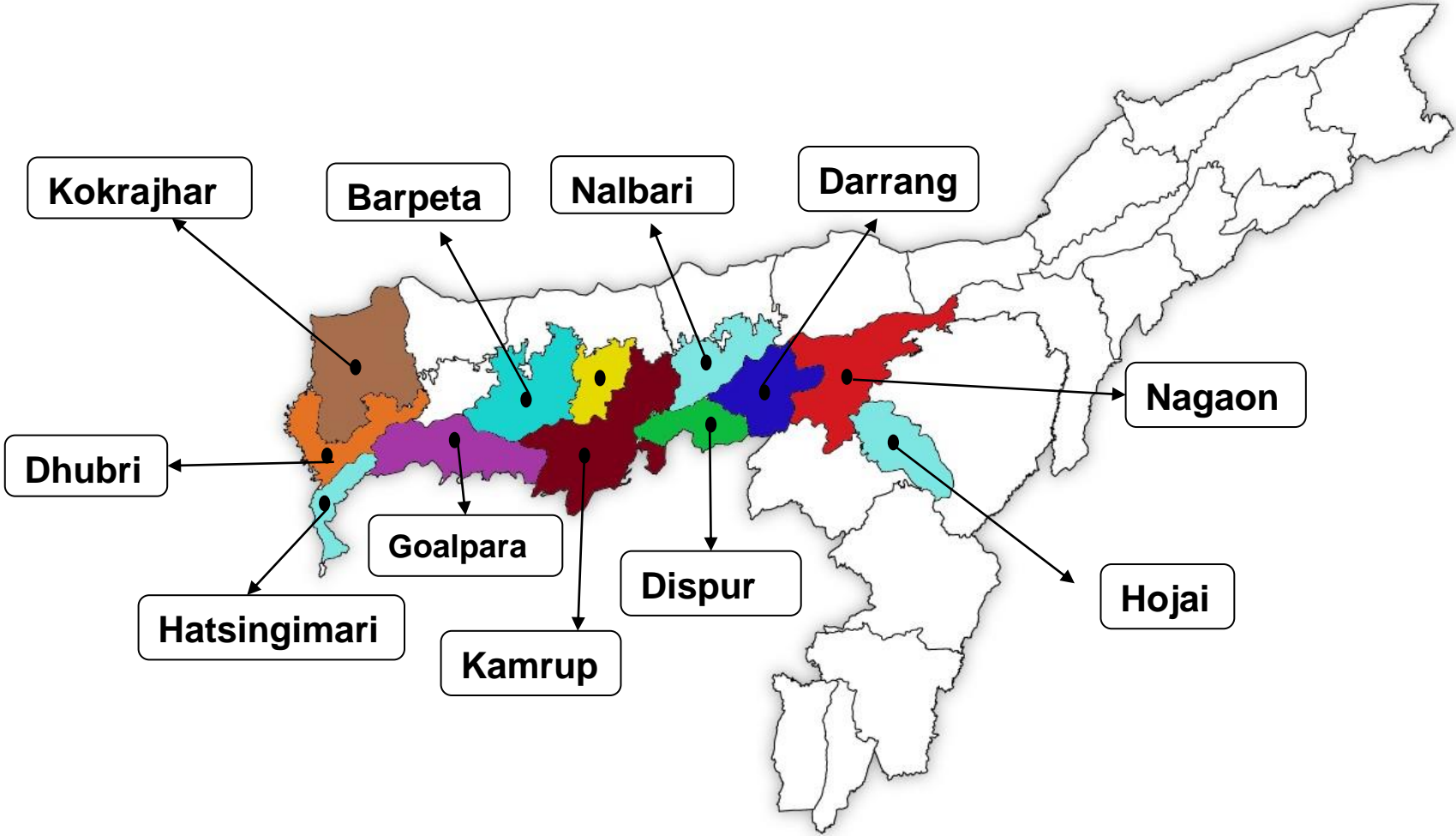


- North Bengal connect to the Assam region.
- Central & South Bengal Connect to the Jharkhand region



Assam-Vegetable Market Survey Locations

Assam State





Vegetable Market Information Crop Wise



Chilli- Market Highlights

- Farmers want Small, Dark green and LCV tolerant hybrid.
- Phytophthora and Bacterial wilt issue observed in chili
- In Assam, VNR-Nutan performance good in terms of fruit quality and LCV tolerance. Need improvement in plant canopy and wilt tolerance.
- In Assam and North Bengal, VNR-Krishna can take good market share. In this segment we need Virus tolerance urgently.



Chilli- Market potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Chilli	Small	July -Aug	700	Mahyco- Yashwini
			Jan-Feb		Kalash-918
					Sem-2222
Goalpara	Chilli	Small	June - July	60	Kalash-Ojaswini
					Sem-2222
					Mahyco-Yashwini
		Upright	Nov-Jan	70	Kalsah-918
					Nun-2074
Dubri	Chilli				EW-Demon
		Small	July-Oct	200	Sy-Aakashi-10
					Nun-Josh
					Mahyco-Tejaswini
					Kalsh-918
Dhupguri	Chilli	Upright	Jan-Feb	20	Kalash-Normiti
		Small	July August	500	Nun-2074
					Tejaswini
					Indu
Kuchbihar	Chilli		Feb-March		Eagle
		Small	July-August	250	Clause- Fire Bomb
					Eagle
Siliguri	Chilli				Kalash-918
		Small	Dec-Jan	500	Clause-Fire Bomb
Barpeta	Chilli				Nongow-Flame
		Small	June-Sep	350	Kalash-918
		Upright	Nov-Dec	250	Sem-2222
					Nun-2074
					Sy-Aakashi
			Total Kg	2900	



Tomato- Market Highlights

- Oval segment is major, Early, high firmness and bacterial wilt tolerance hybrid require for this Assam & North Bengal
- Oval Segment majorly grow for export market and Round segment for local market.



Tomato- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Tomato	Round	Aug-Oct	100	Nun-Sampurna
			Jan-Feb		
		Oval	Jan-Feb	200	Sy-3041
					Sy-Trishul
					Sy-Rocky
Dubri	Tomato				Bejo-Nayak
		Oval	July-August	50	Sy-Trishul
					Sy-1143
					NS-Suraksha
Dhupguri	Tomato				Sem-Chiranjiv
		Oval	July-August, Feb-March	50	SY-1157
Kuchbihar	Tomato				SY-1156
		Oval	July-Oct	300	Sy-1157
					Sem-Abhimanyu
					Sy-Hard Rock
Siliguri	Tomato				Nun-3383
		Flat Round	June-July	300	Nun-Laxmi,
					US-440
Barpeta	Tomato				NS-585
		Oval	July-Sep	300	Sy-Trishul
					Sem-Garv
					Nun-1143
			Total Kg	1300	



Bitter Gourd-Market Highlights

- Market Segment share Small, Medium & Long respectively.
- Dark green, Early with good fruit quality and high yielding hybrids go in this market
- PM & LCV tolerance will be value addition in hybrids & it can takes good market share.
- GSB not observed therefore no any information about that.



Bitter Gourd- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Bitter Gourd	Small	Sep-Nov	2500	US-1315
					Shri Ram-Nano
					Kaveri-88
Goalpara	Bitter Gourd	Medium	Sep-Nov	40	Sy-106
					Indum-Kohinoor
		Small	Sep-Nov	60	US-1315
					EW-Nidhi
Dubri	Bitter Gourd	Small	July-Aug	300	US-1315
		Long	Nov-March	300	EW-Palee,
					Local-Bipasa
		Medium	Nov-March	25	Navdhan
					Aakash
Dhupguri	Bitter Gourd	Small	Dec-Jan	100	US-1315
					Kaveri-88
		Medium	June-Sep	600	Pan-1950
					Pan-1931
					Bipasa-2



Bitter Gourd- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Kuchbihar	Bitter Gourd	Medium	July-Sep, Jan-March	700	Sy-106
					Pan-1931
					EW-Nikita
					Bharat Nursery-Bipasa-2
		Long	Jan-Feb	300	Pan-1911
					EW-Palee,
	Small	Jan-Feb	Just Introduced		
Siliguri	Bitter Gourd	Medium	June-August	600	Bipasa-2
					Pan seed
					Navdhan
Barpeta	Bitter Gourd	Medium	April-July	800	Sy-106
					Rushan
					Aakash
					NT-222
		Small	June- July	Just Introduced	
			Total Kg	6325	



Bottle Gourd- Market potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Bottle Gourd	Cylindrical	Sep-Nov	900	Gadda Type
Dubri	Bottle Gourd	Cylindrical	June-August	500	EW-Gadda
					Sri Ram- Kokila
Kuchbihar	Bottle Gourd	Cylindrical	June-Sep	500	EW-Gadda
Barpeta	Bottle Gourd	Cylindrical	August-Oct	1200	EW-Gadda
			Total Kg	3100	



Cucumber –Market Highlights

- There is two sowing season, Sep-Oct & Feb-March
- In Sep-Oct season, Need cold & PM tolerance hybrid with green mottle color. Sem-Malini in this season performing very good. It's having good foliar & Cold tolerance.
- In Feb-March, need DM and high yielding hybrid with green mottle color.
- In Summer, color fading issue observed in commercial hybrids.
- Medium virus tolerance hybrid can go in the market.



Cucumber- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Cucumber	Green Mottle	Sep-Jan	700	Sem-Malini
			April-June		Sy-Tasty
					EW-Kamini
					Sem-Encounter
					Sy-Clara
Goalpara	Cucumber	Green Mottle	Sep-Oct	50	Sem-Malini
			Feb-March	40	EW-Saira
					Sy-Tasty
					Sy-Glossy
Dubri	Cucumber	Green Mottle	Oct-Nov	300	Sem-Malini
			Feb-March	200	EW-Saira
					Sy-Tasty
					Sy-Glossy



Cucumber- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Dhupguri	Cucumber	Mottle Green	Nov-Dec	800	Malini
					Belle
					Local-Shalini
Kuchbihar	Cucumber	Mottle Green	Sep-Oct	300	Sem-Malini
			Feb-March	400	EW-Saira
					EW-Nandini
Barpeta	Cucumber	Mottle Green	Sep-Oct	1300	Malini
					Nun-447
					Encounter
			Feb-March	1700	EW-Nandita
					EW-Saira
				Sri Ram -Garima Super	
			Total Kg	5790	



Okra- Market Highlights

- In Dec-Jan, low price Rs.800-2000/Kg segment hybrid or OP Okra go in the market.
- In Feb-March up to May-June hybrid Okra go in the market because virus tolerance (YVMV) and high produce price.
- Green, Short internode, Dwarf plant and high yielding hybrid preferred in the market.



Okra- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Okra		Early-Dec-Jan	6000	EW-Chameli
					Mahyco-10
			Late-May-June	4000	Radhika
					Nun-Samrat
Dubri	Okra	OP	Sep-Jan	10000	Super Green
		Hybrid	Jan-March	100	Radhika
					Nun-Shakti
Dhupguri	Okra	Hybrid	March-May	7000	Radhika
					Nun-Samrat
		OP	Nov-Dec		Nuzi-Karishma
					EW-Shamili
Kuchbihar	Okra	Hybrid	Feb-March	10000	Radhika
					M-10
					Gunjan
					Chameli
Siliguri	Okra	OP	Dec-Jan		
		Hybrid	Feb-March	10000	Radhika
					Shivansh
					NS-862
Barpeta	Okra	Hybrid	Feb-March	2500	Radhika
			Total Kg	49600	



Pumpkin- Market Highlights

- In Pumpkin, Dark green & flat round with yellow flesh color, 2 to 3 kg fruit weight, high yielding hybrid go in the market.
- EW-Arjuna has good market share in pumpkin because it's dark green skin, yellow flesh with low cavity help in long transportation.
- EW-Leela in Small segment up to 2.5 kg fruit weight , newly introduced in the market. It is dark green & flat round fruit.
- Second major hybrid is Sakata-Bhima in Arjuna segment.



Pumpkin- Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Pumpkin	DG Flat	Aug-Sep	4000	EW-Arjuna
					Sakata-Bhima
Goalpara	Pumpkin	DG-Flat	Sep-Nov	500	EW-Arjuna
					Sakata-Bhima
					EW-Leela
Dubri	Pumpkin	DG-Flat	Sep-Oct	600	EW-Arjuna
					Sakata-Bhima
					EW-Leela
Dhupguri	Pumpkin	Flat Round	Dec-Jan	1000	Arjuna
					Sakata-Bhima
					Hyveg-Krishna
Kuchbihar	Pumpkin	Flat Round	Dec-Jan	3000	EW-Arjuna
					EW-Leela (Small 2.5 kg)
Barpeta	Pumpkin	Flat Round	Sep-Dec-Jan	3000	Arjuna
					Bhima
					EW-Leela
			Total Kg	12100	



Ridge Gourd- Market Highlights

- In Ridge Gourd, medium segment is major & in this segment EW-Mallika and NS-3 this two hybrids major in the market.
- EW-Mallika is major in this medium segment due to its size, shape & color uniformity and yield also.
- Wilting issue observed in Ridge Gourd commercial field.



Ridge Gourd- Market potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Ridge Gourd	Small	Jan-Feb	500	EW-Rama
		Medium	Nov-Dec	500	EW-Mallika
					NS-3
Goalpara	Ridge Gourd	Small	Nov-Feb	No major market	EW-Rama
		Medium	Nov-Feb		EW-Mallika
					NS-3
Dubri	Ridge Gourd	Medium	Nov-March	400	EW-Mallika
					NS-3
Dhupguri	Ridge Gourd	Medium	Nov-Dec	400	EW-Mallika
					NS-3
					Sakata-Deepika
Kuchbihar	Ridge Gourd	Medium	Nov-Feb	600	EW-Mallika
					NS-3
Siliguri	Ridge Gourd	Medium	Nov-Feb	200	Mallika
					NS-3
Barpeta	Ridge Gourd	Medium	Nov-Feb	500	Mallika
					NS-3
		Small	March-April	200	EW-Rama
			Total Kg	3300	



Sponge Gourd - Market Potential

Location	Crop	Segment	Sowing time	Market Potential (Kg)	Competitor
Nagoan	Sponge Gourd	Dark Green	Sep-Nov	10	Small Desi type
		White Seeded	Jan-March	30	
		DG-	Jan-March	10	
Dubri	Sponge Gourd	White Seeded	Sep-Oct, Feb-March	700	White Seeded
					Kalash-928
		DG	Sep-Oct, Feb-March	70	Kalash-Aditi
Dhupguri	Sponge Gourd	White Seeded	Feb-March	600	Clause- White Seeded
Kuchbihar	Sponge Gourd	White Seeded	Jan-March	800	Clause-White Seeded
					Bi0-Maya
					Dhawal
					Mohini
Siliguri	Sponge Gourd	White Seeded	Jan-March	400	White Seeded
Barpeta	Sponge Gourd	DG	Dec-March	100	Aalok
		White Seeded	Dec-March	200	White Seeded
			Total Kg	2920	



Vegetable Business of Assam & North Bengal

Crop	Market size (Kg)	Average price Rs./Kg	Total Amount Rs.
Chilli	3000	30000	90000000
Tomato (Oval)	900	60000	54000000
Tomato (Round)	500	30000	15000000
Cucumber	6000	15000	90000000
Okra (Hy)	20000	3000	60000000
Okra (OP)	30000	400	12000000
Bitter Gourd (Small)	3000	11000	33000000
Bitter Gourd (Med)	4000	8000	32000000
Ridge Gourd	3300	9000	29700000
Bottle Gourd	3100	3000	9300000
Sponge Gourd	3000	3000	9000000
Pumpkin	12500	5000	62500000
		Total Amount	49,65,00000

Note- Cabbage, Cauliflower, Raddish, Carrot, Brinjal and Beans not included.



Thank You