

05th August 2019

The Manager-Listing
BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai-400001

The Manager-Listing
National Stock Exchange of India Ltd.,
Exchange Plaza, Bandra-Kurla Complex
Bandra (E)
Mumbai-400051

BSE Code-537291

NSE Code-NATHBIOGEN

Subject: Presentation on Unaudited Financial Results.

Please find the Attached herewith, Presentation on unaudited financial results for the quarter ended 30th June 2019.

This is for your information and record please.

Thanking You.

Yours faithfully, For Nath Bio-Genes (India) Limited

Devinder Khurana Chief Financial Officer

Nath House, Nath Road, Aurangabad - 431005 (MS) Tel: 0240-2376314/5/6/7
 Email: info@nathseeds.com www.nathbiogenes.com

■ 1, Chateau Windsor, 86 Veer Nariman Road, Mumbai - 400020 (MS) Tel: 022-22871001, 22875653/4/5









Nath Bio Genes (India) Limited

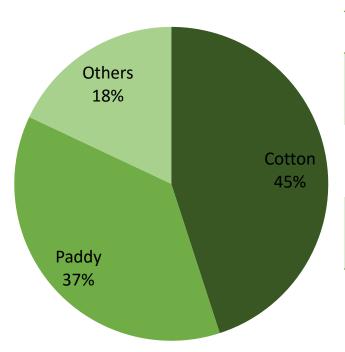
Earnings
Presentation
Q1FY20



Superior Products & Robust Distribution...

Q1FY20 Revenue INR 1.6 Billion

H1FY20 revenue comprises of Kharif crops: Cotton & Paddy, while Vegetable & Win-Chi-Win sales will be mapped in H2



On Track to Achieving Guidance

Key Revenue Contributor	Sales Forecasted for FY20	Actual Sales in Q1FY20*
Cotton	1,200,000 packets	1,014,613 packets
Paddy	60,000 Quintals	48,245 Quintals

^{*}Maintaining prudence in its accounting practices, NBIL has made a provision of 21% for Sales Return in Q1FY20



Drive Strong Q1FY20 Performance, Even Amid Weak Monsoons





Cotton – Strong Growth in Cotton Sowing

Top Variants

- NBC 102 (Rainfed)
 - Excellent Drought and sucking pest tolerance
 - 25-40 Q/Ha

- NBC 1111 (Irrigated)
 - Highest known sucking pest resistance
 - 50-60 Q/Ha

- NBC 1022 (Irrigated)
 - High resistance to sucking pests
 - 50-75 Q/Ha

State-Wise Progress of Bt-Cotton Sowing in India – Kharif (in Lk Hectares)

STATE	5th July 2019	12th July 2019	19th July 2019	26th July 2019	% Change (YoY)*
Maharashtra	4.1	20.5	29.9	38.6	+17%
Gujarat	11.5	15	17.1	20.3	+16%
Karnataka	0.6	1.1	2.1	2.6	-7%
AP	0.4	0.8	1.5	2.3	-28%
MP	2.4	4.1	5.4	5.7	+36%
Punjab	3.6	3.9	3.9	3.9	+50%
Telangana	7.7	10.6	13.3	15.6	-3%

^{* %} change of sowing area on 26th July 2019 vs 27th July 2018



Paddy – Gradual Uptick in Sowing with Progressing Monsoons

Top Variants

Gazab – Long Slender

Suitable for rainfed rice areas

Maturity: 120-125 days;Yield: 8-10 t/ha

Loknath - 505 Medium Bold

Suitable for low land areas

Maturity: 125-130 days;
 Yield: 8-10 t/ha

Super Duper: Long Bold

 Maturity: 120-125 days; Yield: 8-10 t/ha

Wide acceptability

State-Wise Progress of Rice Sowing in India – Kharif (in Lk Hectares)

STATE	5th July 2019	12th July 2019	19th July 2019	26th July 2019	% Change (YoY)*
Maharashtra	0.6	1.8	2.5	5.1	+4%
Gujarat	0.1	0.6	1.5	2.2	-37%
AP	0.75	1.4	2.1	3.7	-36%
MP	0.3	2.7	6.1	10.5	-11%
Chattisgarh	4.4	15.5	20.9	25.2	-10%
UP	3.2	14.6	26.9	40	+7%
Punjab	21	25.7	27.5	28.5	-3%

^{* %} change of sowing area on 26th July 2019 vs 27th July 2018



Vegetables – NBIL's Key Products & Outlook for Rabi Season

Top Variants

Okra

♦ NOH 05: Yield - 25-30 T/Ha

♦ NOH 03: Yield – 20-22 T/Ha

Tomato

♦ NTH 1831: Yield – 80-100 T/Ha

♦ NTH 1894: Yield – 100-120 T/Ha

Cucumber

♦ NCH-02 & 1061: Yield – 40-45 T/Ha

Bitter Gourd

♦ NBIH -274: Yield – 25-30 T/Ha

Hot Pepper

♦ NCH-811: Yield – 30-40 T/Ha

♦ NCH-1120: Yield – 30-35 T/Ha

In-Roads into the Future

Aim:

- To clock revenues of INR 350 Mn, making NBIL a serious player in this highly profitable vertical
- Revamp segment via dedicated SBU, allowing for pan-India & overseas reach

New developments:

Strengthening product pipeline with Value added traits & resilience for Heat & drought

Opportunities:

- Increase Grower Connect
- Dedicated Product Development
 Team for Data driven decisions



Win-Chi-Win – Benefitting from Shift to Organic Farming

Top States

- Gujarat
- Maharashtra
- Uttar Pradesh
- Rajasthan
- Bihar
- Madhya Pradesh
- Telangana & Andhra Pradesh

In-Roads into the Future

Aim:

70,000 litres in FY21

New developments:

- Introducing separate kit for 1 acre land as a tiffin dose
- New SKUs: 500, 1,000 & 4,000 ml
- New product testing on Biopesticide
 & Bio antivirus
- Soil conditioners(granular or liquid)

Opportunities:

Shift towards organic farming paving way for organic products like WCW

Challenge:

Huge competition from small companies



Q1FY20 At A Glance

Particulars (INR Mn)	Q1FY20	Q1FY19	% Change (YoY)
Total Revenue	1,653	1,276	29.5%
Gross Profit	816	616	32.5%
Gross Margin (%)	49.4%	48.3%	
EBITDA	375	280	33.9%
EBITDA Margin (%)	22.7%	21.9%	
Depreciation	4	4	0.0%
Finance Cost	17	11	54.5%
PBT	356	265	34.3%
Tax Rate (%)	0	1.90%	
PAT	353	259	36.3%
PAT Margin (%)	21.4%	20.3%	
EPS	18.6	13.7	35.8%



On Track for a Strong & Stable FY20...

Revenue by FY20	INR 2,800-3,100 Mn
Gross Margin	50%+
Long Term Debt	NIL

FY20 Revenue Drivers		
Key Segment	Sales Forecasted for FY20	
Cotton	1,200,000 packets	
Paddy	60,000 Quintals	
Vegetables	3,500 Quintals	
Win-Chi-Win	55,000 Litres	

Aggressive Marketing Targets

- 2 New States Entered: Odisha, West Bengal
- 2 New Verticals Created: Vegetables, Win-Chi-Win
- 400 New Nath Farm Advisors Hired



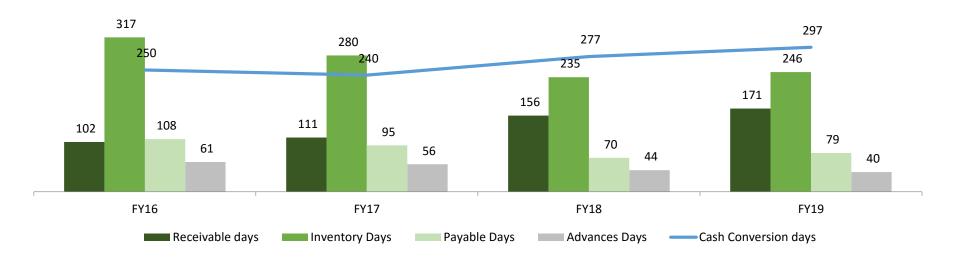
...Supported by a Solid, Sustainable History

Nath Bio-Genes' P&L Statement				
Particulars (INR Mn)	FY19	FY18	FY17	
Total Revenue	2,309	1,917	1,698	
Gross Profit	1,253	1,073	990	
Gross Margin (%)	54.3%	56.0%	58.3%	
EBITDA	433	404	289	
EBITDA Margin (%)	18.7%	21.1%	17.0%	
Depreciation	14	10	30	
Finance Cost	52	103	97	
PBT	389	300	166	
Tax Rate (%)	0.8%	2.1%	2.8%	
PAT	386	294	161	
PAT Margin (%)	16.7%	15.3%	9.5%	
EPS	20.3	15.5	10.1	



Working Capital Cycle: Increasing Inventory for Higher Sales

Particulars (INR Mn)	FY19
Revenue	2,309
Inventories	1,554
Trade Receivables	1,080
Advances for Future Sales	256
Trade Payables	502
Net Working Capital	1,875





Nath Bio Genes (India) Limited

Appendix



Nath: Gaining Grounds - Transformational Genes..

Market Leading Products

- Exceptional High Yielding Cotton Hybrids with High Level Biotic & Abiotic Stress tolerance
- Superior Worldwide Collection & Development of Trait Specific Elite Germplasm

Strong Balance Sheet; Diversified Revenue stream

- Zero Long Term Debt
- Working capital cycle improved



World-class R&D

- Biotech Integrated Crop Breeding Programs
- Redefining Product Development & Evaluation Technologies
- Best R & D Expertise of the Industry

INR 2,309 Mn FY19 Revenue

54.3%Gross Margins

INR 433 Mn FY19 EBITDA

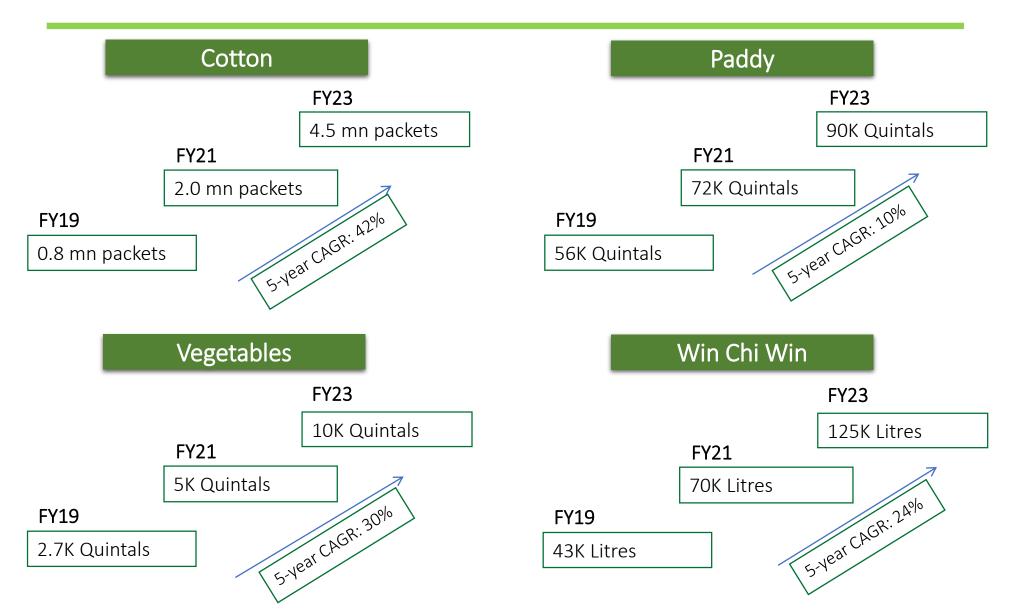
16.7% FY19 PAT Margin

Revitalised Marketing

- Led by Seed Marketing Veterans;
 Diversifying in new geographies
- Venturing into new markets like Philippines, Bangladesh, Africa



..To Deliver Bumper Harvest..

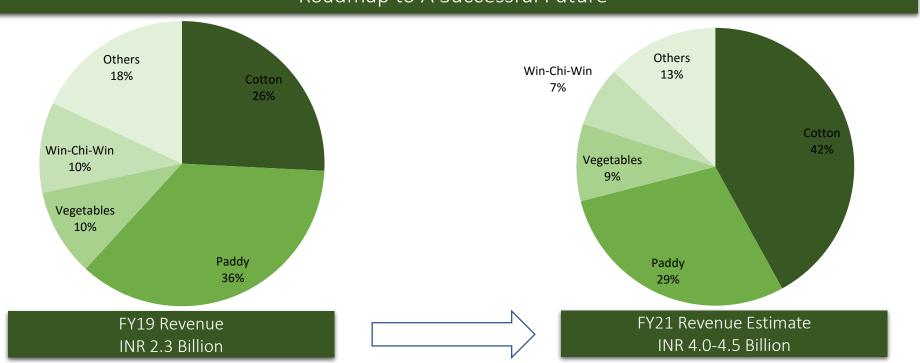




..Resulting in Multi-Fold Value Creation..

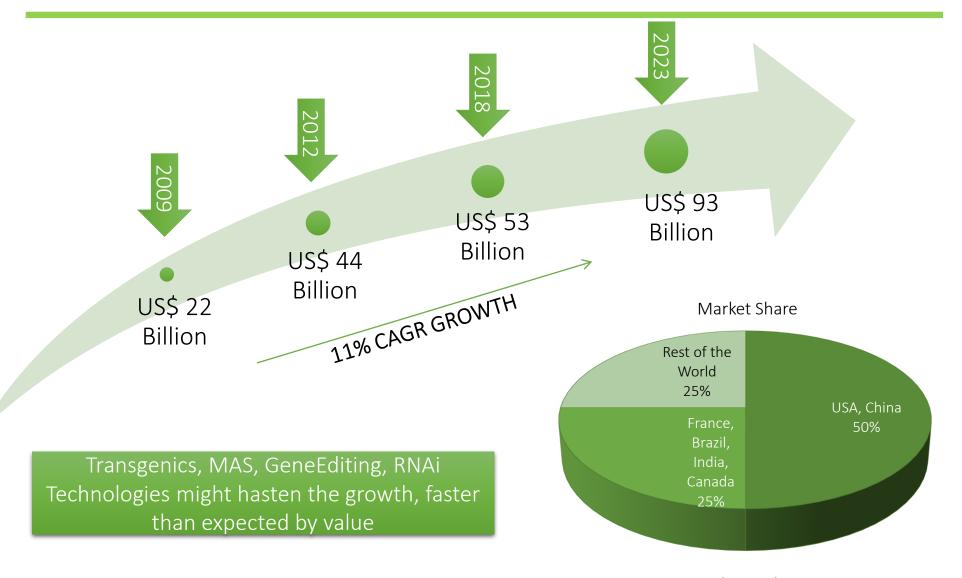
Revenue by FY20	INR 2,800-3,100 Mn
Revenue by FY21	INR 4,000-4,500 Mn
Gross Margin	50%+
Long Term Debt	NIL

Roadmap to A Successful Future



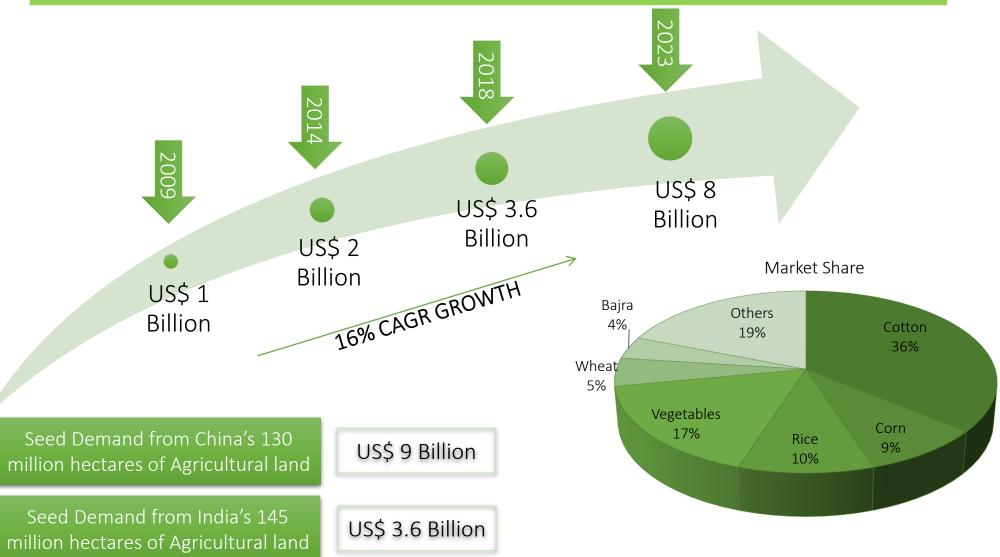


..In a Fast Growing Industry – Global Seed Market..





Indian Seed Market At an Inflection Point..



Source: Research & Markets



..Through an Organisation Focused on R&D; With Best-in-Class Infrastructure..

- High quality standards and compliance
- 18 Breeding and Evaluation R&D Stations in different Agro-Climatic conditions
- More than 300 acres of land dedicated to Research and Development, across the nation
- ✓ Collaboration with reputed International and National Centres of Excellence (NRCPB, CIMMYT, IRRI, ICRISAT Etc.)
- Team of hand picked plant breeders and biotechnologists, located at key R&D stations, across the country, guided by R&D veterans.



Dr Satish Raina: *PhD;*4 decades of experience; NRCPB,
IARI & IRRI. International Expertise &
Recognition for Transgenic and Biotech
R&D programs



Dr Ish Kumar; *PhD*; 5 decades of experience; One of the top leaders in Hybrid Rice. Syngenta, Rasi, Bayer, IRRI



Dr Chandra Pathak; *PhD*; 4 decades of experience; Seminis, Monsanto, ICAR and World Vegetable Centre Taiwan. Renowned Expertise in Vegetables R&D

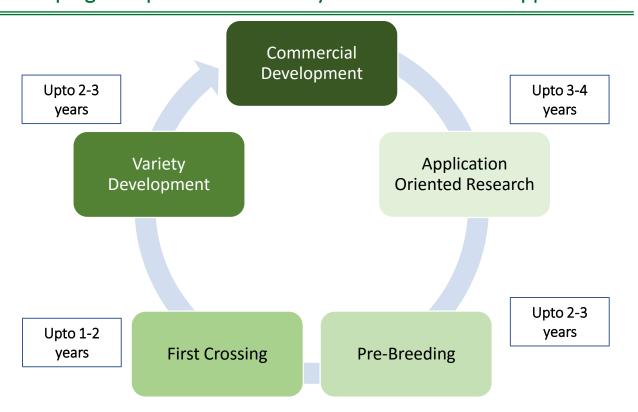


Dr Venkatesh Kulkarni; PhD; Plant Breeder of Proven Track Record in India and Abroad. Experience at JK Agritech, ICRISAT & ICAR



..R&D Focused Technologies to Boost Breeding..

Developing new product takes 6-8 years: Conventional Approach



At NBIL, We are Re-Engineering Traditional Plant Breeding with tools of RGA (Rapid Generation Advance), Modern Biology/Molecular Biology/Bio-informatics, so as to Breed Crops of Choice with High Yield Potential and Superior Adaptability



..R&D Beyond Compare..

Cotton



- Designed for major agro climatic conditions
- High level resistance to Sucking Pests & Water Stress (Drought)

Paddy



- Widely adapted Heterotic Hybrid with High Yield
 Potential and resistance to diseases
- Breeding Speciality: Open Pollinated Varieties (OPV)
- Qualities: Long cylinder, aromatic and non-aromatic,
 Long and medium bold, even for the Poha segment

Vegetables



- Breeding for resistance to the most notorious viruses & pests
- High yield, appropriate size, shape and colour, and maturity key factors
- Heat, virus tolerant Tomato and Okra at Marketing
 Stage
- Virus Tolerant Hot Pepper Hybrids at Advance Testing
 Stage



..R&D Infrastructure of International Standards...

Cotton & Other Field Crops



- 200 acres of R&D farm at Isarwadi, Aurangabad for major field crops: Cotton, Maize, Millets, Wheat, Oil Seeds crops
- Cold Storage, Seed Increase, Innovative Breeding Experimental Studies, Administrative and Technical Support Systems

Paddy



- Specialised R&D Centre at Hyderabad exclusively for Rice R & D
- o 20 acres of dedicated Paddy Research Farms and parental line seed production

Vegetables



- Exclusive 30 acres facility established only for Vegetable Crops near Aurangabad
- o Includes several acres of Poly-houses and net houses



Cotton: Jewel in the Crown



Best range of Bt-Cotton Hybrids in India



NBL's premium cotton hybrid seed will ensure market leadership in cotton for next 5 years



Developing Seeds which meets farmers' Needs



Enhanced Drought Resistance



Assured Yield in varied climatic conditions

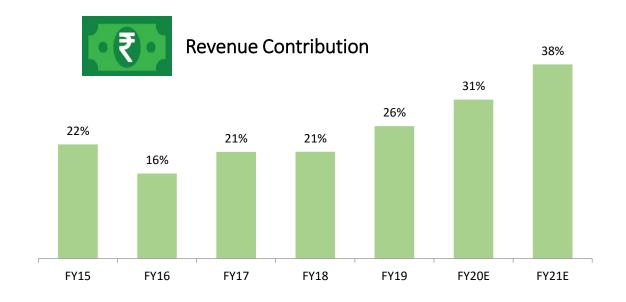


High Resistances to Sucking Pests



Growth Projection

Sales Projection	Million Packets
FY17-18	0.5
FY18-19	0.8
FY19-20	1.2
FY20-21	2.0





Cotton: Differentiated Products to drive Market Share

Zone Wise Product Performance vs Peers All India Coordinated Trials (ICAR and Min. Agriculture, New Delhi)

South Irrigated			
Product	Yield*	Rank	
NBC 111	20.8	1	
JK 15551	14.4	8	
KCH 302	13.1	15	

Yield*: Quintal/Hectare

Product	Yield*	Rank
NBC 1111	21.8	3
JK 15551	18.8	12

Central Irrigated

South Ra	South Rainfed			
Product	Yield*	Rank		
KCH 301	1 19.1	1		
NBC 1103	18.2	3		

Central Namieu				
Product	Yield*	Rank		
NBC 1103	14.6	1		
KCH 301	12.9	8		

Central Rainfed

o NBC: Nath Bio

o JK: JK Agri

o KCH: Kaveri Seeds

Latest versions of Above Highly Ranked Cotton Seeds

NBC-10

- Early to medium maturity (140-150 days) product
- Ideal for rain-fed conditions and has superior tolerance to dehydration stress
- Enhanced resistance to sucking pests
- Better volume-weight with lower physical dropping
- Best assured yielder in this segment, even under entirely Rain-fed conditions

NBC-1022

- Full maturity (170-180 days) product, highest yielder
- Ideal for irrigated conditions
- High level resistance against sucking pests and highest bolls bearing G. hirsutam hybrid

Source: AICCP, 2018



Cotton Industry Outlook

Domestic Cotton Industry

- Bt Cotton seed market is of 50 mn packets per annum and around 30% of the total seed market.
- India's 2018-19 forward cotton export contract up 100% YoY
- In 2017-18, India could not sign as many forward contracts since cotton availability was restricted

Monsanto Lawsuit in India

- ✓ Monsanto has received BG II technology patent
- ✓ Royalty rates have been reduced from INR 39 per packet of 450 gms in FY19 to INR 20 per packet in FY20.
- ✓ Will mean lower domestic competition due to high cost of royalty to Monsanto



Paddy: Focus on Hybrids – Exceeding the Yield Barrier



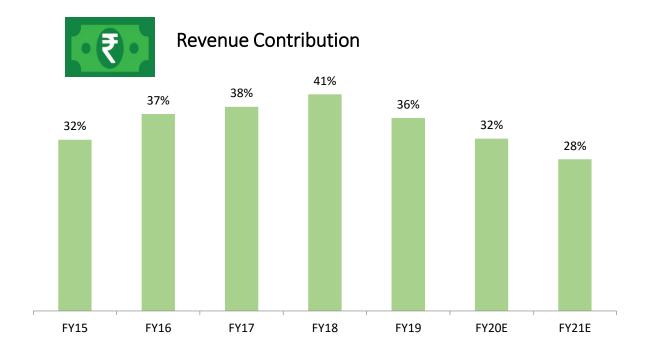
NBIL already has significant presence in high-yielding, disease-resistant hybrid paddy seeds

We have now come up with a new range of Super Hybrids and an exceptional collection of speciality OPV products.



Growth Projection

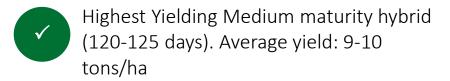
Sales Projection	Quintals
FY17-18	50K
FY18-19	56K
FY19-20	60K
FY20-21	72K

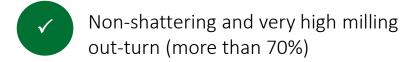




Paddy: Market Leaders; Super Hybrids

Gazab

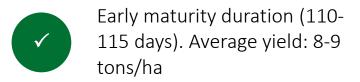


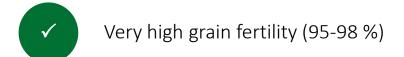


High degree tolerance for BLB and sheath blight



Super Duper





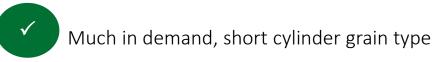
Disease-free expression in addition to high yield potential

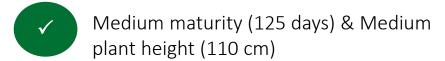


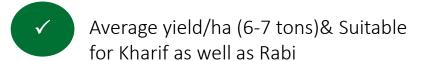


Paddy: New OPVs for New Emerging Market Segments

Shweta-43

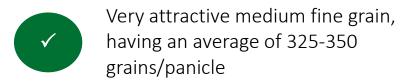


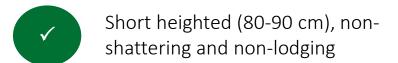






Khushi-27





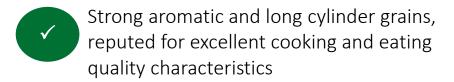
Maturity: 120-125 days; Tolerant to blast and BPH with Average Yield: 25-30 qtls/ha

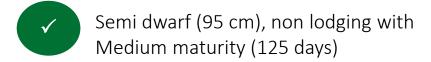




Paddy: New OPVs for New Emerging Market Segments

Kasturi-09

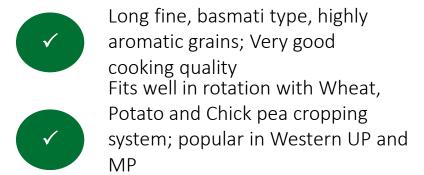


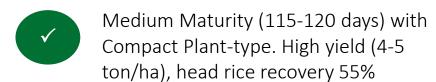


Grain quality characteristics similar to the famous Basmati 1121; shows resistance to BLB



Menka









Hybrid Rice to help meet India's Food Security Mission

National Food Security India Rice Requirement by 2020: Mission (NFSM) 122 million tonnes Rice o Wheat Million Tonnes **Current Rice Production:** Pulses 100 million tonnes **Hybrid Rice** Boost productivity levels Higher Profitability to Early & Medium Maturity to > 10 T/Ha Farmers



Vegetables: Multiple High Value Products



Multiple crops per year provide sustainable revenue stream



Diversified Portfolio of high value & highly competitive products



Hybrid Vegetables hold Significant Potential



Higher Yield



Disease and Pest Resistance

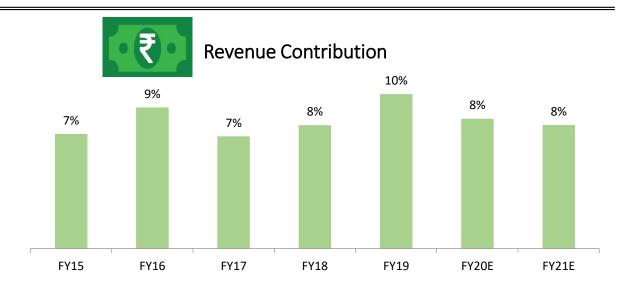


Better Quality



Growth Projection

Sales Projection	Quintals
FY17-18	3,200
FY18-19	2,700
FY19-20	3,500
FY20-21	7,000





Vegetables: Supplying India's Best Hybrid Products

High Value Products



Tomato

- Unique high level virus resistant
- Highest market share



Okra

- Resistant to virus with better quality& yield
- Large product pipeline



Chilli

- Very good hybrid vigour and profuse fruit branching
- Novel source of high level tolerance to viruses

Other Vegetable Products

- o Brinjal
- Bottle Gourd
- o Bitter Gourd
- Sponge gourd
- o Ridge gourd
- o Cucumber

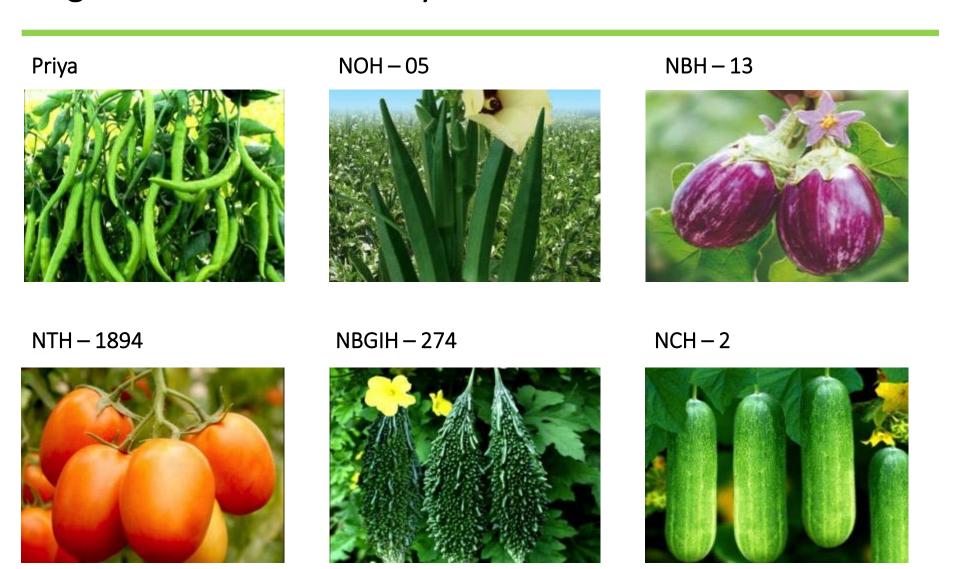


Hybrid Vegetable Market Size: INR 25 – 30 Bn

Hybrid Vegetable Industry: Market Break-up				
Okra	14%			
Chilli	9%			
Tomato	10%			
Onion	9%			
Gourds	9%			
Cucumber	6%			



Vegetables: Hot Favorite Hybrids





Plant Nutrient Supplement: Exclusive Tie-Up for Win Chi Win



Exclusive Tie up with a Chinese company to market Win chi Win in India Proven Performance: Visible & quantifiable gains



Round-the-year: High demand in Vegetables, Field and Horticulture Crops & even Plantation Crops



Negligible Competition in this segment



Enhances Growth



Protects & Nourishes crop, especially under abiotic stress conditions

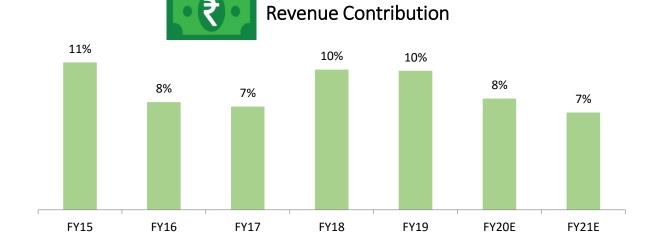


Easy application



Growth Projection

Sales Projection	Litres
FY17-18	38K
FY18-19	43K
FY19-20	55K
FY20-21	70K





Revamped Marketing: Direct Reach Substantially Enhanced

16

131

2000+

Business Centres

Territories

Distributors



Improving Direct Reach



Increase contract farmers



Add Nath Farm Advisors

- Current direct retailers 7,000+
- 20,000+ Direct Retailers by FY21

- 1,50,000 contract farmers
- 15,000 villages

400 Nath Farm Advisors

Each Managing:

- 30 Villages
- 10 Retailers
- 30 Acres Crop Show/Village



Exports: A Huge Opportunity Unfolding



Exploring opportunities in countries with similar agronomical conditions



Testing completed; Trial marketing commenced

Products Being Exported

- Hybrid corn
- Hybrid millet
- o Grain sorghum
- Forage sorghum
- Hybrid paddy
- Hybrid cotton
- Vegetable seeds

Export Destination

- Philippines
- o Pakistan
- Bangladesh
- o Nepal

Export Destination

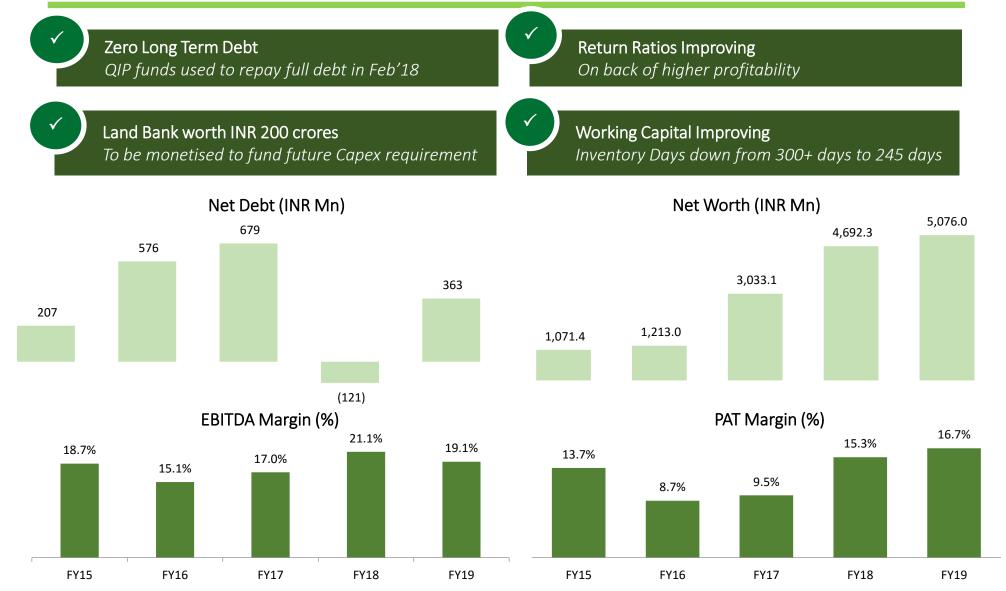
- Egypt
- o Saudi Arabia
- Myanmar
- o Sudan

Philippines & Sudan – Significant Growth Expected; Final Approvals Pending

- NBL team spent significant time to conduct Multi Location Trials, jointly with Govt. of Philippines, carry-out elaborate Regulatory and Agronomic Trials.
- Multi Location & Agronomic Trials with Govt. of Sudan also in process
- NBIL's selected Bt-cotton hybrids are on the verge of commercialisation
- NBIL is set to receive approvals for Fusion Bt-Cotton seeds in the Philippines; Bt-Cotton & Vegetable seeds in Sudan



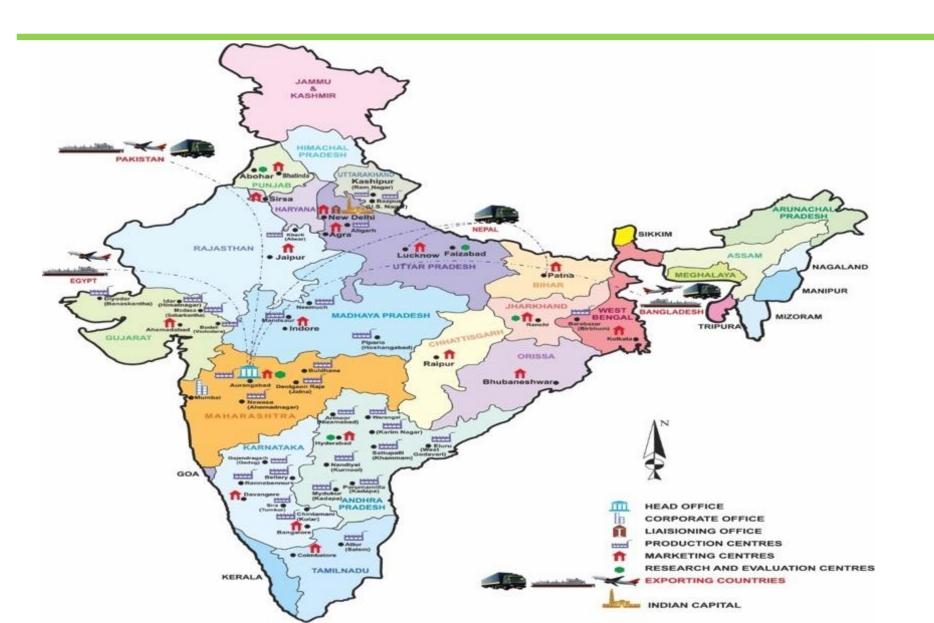
Improving Profitability; Strong Balance Sheet



36



Outreach





Leadership Team



Mr. Nandkishor Kagliwal – Chairman

Founder chairman of
Nath Group. He is a Post
Graduate in management
from Mumbai and USA.
He was the President of
Maharashtra Economic
Development Council
(MEDC) and also served
as a member of
Maharashtra's planning
board, western regional
council of Industrial
Development Bank of
India (IDBI), State Bank of
Hyderabad and SICOM.



Mr. Satish Kagliwal – MD

Managing Director of the Nath Bio-Genes (India) Limited. He is also the trustee of Nath Agro Research Foundation. He is a Management Post Graduate and has studied at BITS. Pilani. He has been actively involved in the agri sector for over three decades. Founder President of National Seeds Association of India (NSAI) and Seed Association of Maharashtra (SIAM)



Mr. Devinder Khurana
– CFO

CFA (US), CAIIB, he is a finance professional with more than 30 years of experience, He started his career in Indian Army. Thereafter, he joined State Bank of Hyderabad and accumulated an indepth understanding of the banking and finance sectors. He has been instrumental in getting the entire operations of the Company online through the implementation of a cutting-edge ERP system.



Mr. Madhav Dhande – Business Lead

M.Sc. in Entomology from PVK Akola University, he is one of the foremost names in the marketing of agro inputs and has a rich experience of 43 years working for numerous renowned MNCs & Indian Seed companies. He has been associated with rapidly expanding Cotton business in highly competitive market.



Historical Financials – Balance Sheet

Assets (INR Mn)	FY19	FY18	FY17	Liabilities	FY19	FY18	FY17
Fixed Assets	2,317	2,109	2,073	Share Capital	190	190	160
Financial Assets	52	61	60	Reserves & Surplus	4,885	4,502	2,873
Other Non-current Assets	20			Long-Term Borrowings	5	4	201
Inventories	1,554	1,235	1,302	Long-term Provisions	19	19	20
Trade Receivables	1,080	820	518	Short Term Borrowings	572	320	486
Cash & Bank Balances	214	447	58	Trade Payables	502	366	444
Loans & Advances	1,208	1,025	477	Other Current Liabilities	278	278	364
Other Current Assets	15	15	63	Short Term Provisions	9	29	4
Total	6,460	5712	4551	Total	6,460	5712	4551



Thank You!

For further information, please get in touch with:

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Tanya Khosla <u>tanya@GoIndiaAdvisors.com</u> M:+91 97693 87813