

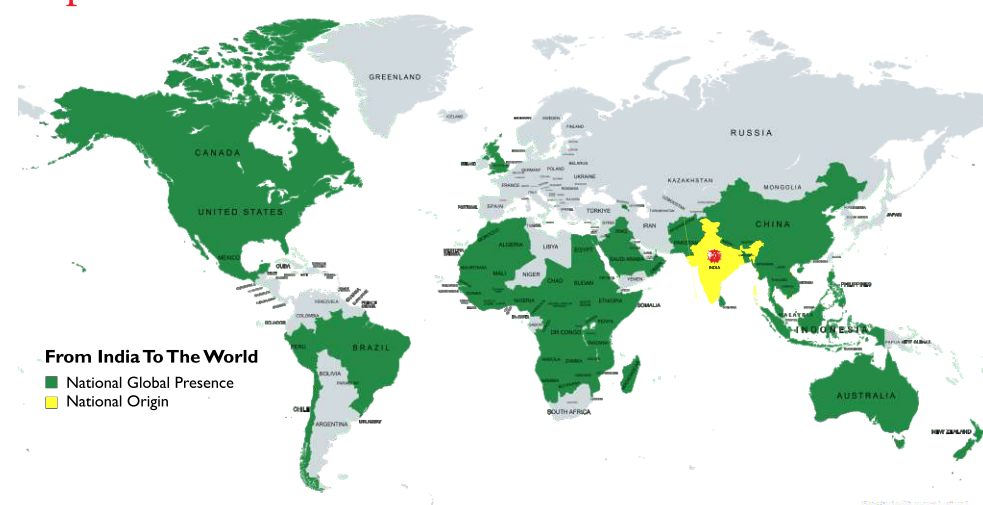


NATIONAL AGRO INDUSTRIES

About us

National Agro Industries was established in 1976 by Late S. Sukhdev Singh, followed by his sons, Manmohan Singh and Sukhsohan Singh. For more than four decades we are in a field of manufacturing business with specialization in seeding machines. Presently the company is managed by Fourth Generation. We have complete seeding solution for various crops such as Wheat, Maize, Rice, Barley, Chickpea, Sorghum, Peas, Cotton, Soyabean, Sunflowers, Sesame, Groundnut, Castor, Millets, Pulses and various vegetable seeds. We have innovated South Asia's First ever Zero Till Seed Drill, Maize Planter, Ridge Planter, Raised Bed Planter, Rice Grain Planter and recently Pneumatic Planter. We are the sole manufacturer of Vegetable Nursery Transplanter and Vegetable Seed Extractor. To excel in the field of Research and Development, We keep abreast with latest technology and also consult with agriculture universities and other govt. bodies such as PAU, HAU, GBPUAT, CIMMYT, IRRI/ICRISAT, ICARDA, ACIAR etc.

Export Countries



Members of the following organizations:-

- ✦ Bureau of Indian Standards (B.I.S.)
- ✦ Indian Society of Agricultural Engineers (ISAE) Corporate Membership
- ✦ EEPC (Engineering Export Promotion Council)

Appreciation from renowned Agriculturists, Institutions & Countries

- | | | |
|---|----------------------------------|--------------|
| ✦ Dr. Norman E. Borlaug
(Nobel Prize Winner) | ✦ Asian Inst. of Tech. THAILAND. | ✦ ARGENTINA |
| ✦ Univ. of Sask. CANADA. | ✦ INDONESIA | ✦ CHINA |
| ✦ Cornell Univ. U.S.A. | ✦ SOUTH VIETNAM | ✦ PAKISTAN |
| ✦ NEW ZEALAND. | ✦ Univ. of Adelaide, AUS. | ✦ MOROCCO |
| ✦ ARGENTINA. | ✦ CIMMYT, MEXICO. | ✦ BOTSWANA |
| ✦ IRRI, PHILLIPINES | ✦ Univ. of Melbourne AUS. | ✦ ALGERIA |
| ✦ ACIAR-AUSTRALIA | ✦ UNO | ✦ NEPAL |
| ✦ C.S.I.R.O. - AUSTRALIA | ✦ WORLD BANK | ✦ UZBEKISTAN |

Excellence Awards



Udhmi Award From Governor of Our State



Honourary Fellowship From Indian Society of Agricultural Engineers (ISA)



Progressive Punjab Award from Chief Minister of Punjab Sh. Parkash Singh Badal for the contribution to Agri. Machinery

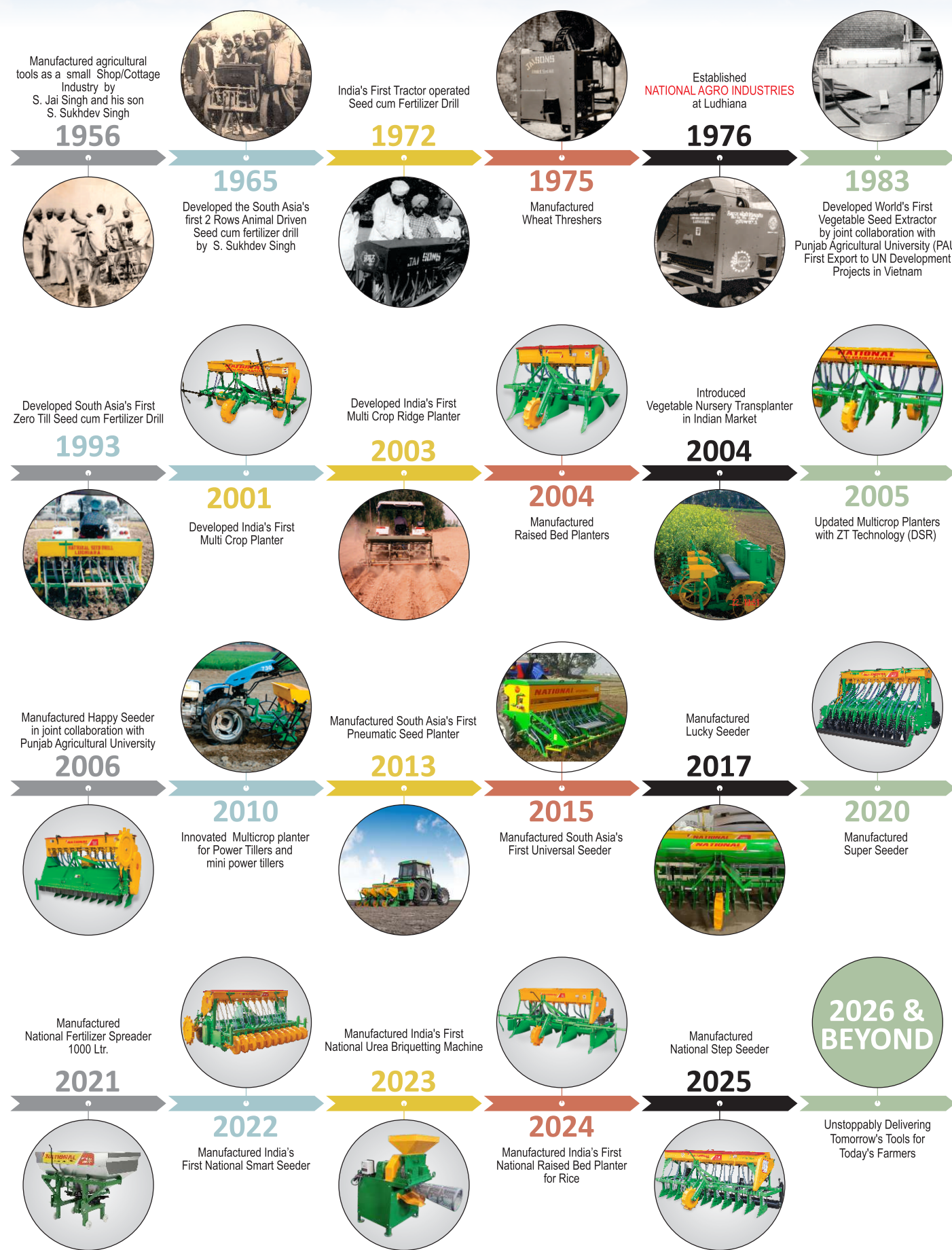


ZEE TV Award for Excellence in contribution to the Agri Machinery



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IMPORTANT TIMELINE





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NATIONAL ZERO TILL FERTI-SEED DRILL

Conventional sowing of wheat crop after paddy harvesting is quite difficult & costly affair. Because it takes about 5-7 tilling operations before a seedbed is prepared. This delays the crop sowing, which consequently affects the crop yield and eats into the margins. Now this problem can be tackled with "National Zero Till Ferti- Seed Drill". This machine enables us to sow directly after paddy harvest without prior seedbed preparation. This saves the diesel, tractor's working time, labour and most important it gives higher yield.



Technical Specifications*

Name	National Zero Till Ferti Seed Drill				
Model	NZTD-9	NZTD-11	NZTD-13	NZTD-15	NZTD-17
Rows	9	11	13	15	17
Tractor H.P.	35-40	40-45	45-50	50-55	55-60
Row to Row Spacing	7" and Adjustable				
Fertilizer Metering	Agitator & Sliding Orifice Type				
Seed Metering	Fluted Roller				

NATIONAL MULTICROP SEED CUM FERTILIZER DRILL & PLANTER

This machine is used for planting different seeds such as Wheat, Paddy, Maize, Peas, Pea Nuts, Soyabean, Grams and cotton Seeds etc in unprepared pre-harvesting fields. And it is also known as ALL-IN-ONE machine. By this machine also maintain Seed Rate and Fertilizer rate with the help of Handle.



Technical Specifications*

Name	National Multicrop Seed cum Fertilizer Drill & Planter	
Model	NMSFD&P (11+9)	NMSFD&P (13+11)
Rows	11	13
Tractor H.P.	40-45	45-50
Row to Row Spacing	7" Standard & Adjustable	
Fertilizer Metering	Agitator & Sliding Orifice Type	
Seed Metering	Fluted Roller and Inclined Plate	



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NATIONAL SEED CUM FERTILIZER DRILL

National Seed Cum Fertilizer Drill is used for seeding various crops in prepared (tilled) fields.



Technical Specifications*

Name	National Seed cum Fertilizer Drill					
Model	NSFD-7	NSFD-9	NSFD-11	NSFD-13	NSFD-15	NSFD-17
Rows	7	9	11	13	15	17
Tractor H.P.	20-30	35-40	40-45	45-50	50-55	55-60
Row to Row Spacing	7" and Adjustable					
Fertilizer Metering	Agitator & Sliding Orifice type					
Seed Metering	Fluted Roller					



NATIONAL PNEUMATIC PLANTER

This planter is used for planting one seed at a time with no missing or doubling and causes no damage to seed during sowing process. It gives ideal seed to seed spacing for Optimum Crop yield. This machine works efficiently even if the seed sizes varies from each other. Proper Germination can be achieved with the depth control wheels which also acts as the press wheels.



NATIONAL PNEUMATIC BED PLANTER

This machine saves costly labour and costly seeds. And this machine can work with high planting speed than other planters and seeders. Crop Yield increases due to precise planting.



Technical Specifications*

Name	National Pneumatic Planter	
Model	NPP	
Rows	4	6
Tractor H.P.	50-60	70-90
Fertilizer Metering	Agitator & Sliding Orifice Type	
Seed Metering	Vacuum Rotating Disc	



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NATIONAL MAIZE / MULTI CROP PLANTER



This planter is used for planting different seeds such as Maize, Peas, Pea Nuts, Sunflower, Soyabean, Grams and Cotton Seeds etc. in prepared fields and it also maintains plant to plant spacing in a row.



Technical Specifications*

Name	National Multi Crop Planter			
Model	NMCP-3	NMCP-4	NMCP-5	NMCP-6
No. of Rows	3	4	5	6
Tractor H.P.	30-35	35-40	40-50	50-65
Row to Row Spacing	24" Standard (Max) & Adjustable			
Fertilizer Metering	Agitator & Sliding Orifice Type			
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)			

NATIONAL MULTI CROP RIDGE PLANTER

This planter is used for singulated seeding of various crops on the top of ridges. The ridge making and seeding is done in the single pass only.

Water conservation can be practised by sowing on ridges in comparison to sowing on flats as there is no need to flood whole field, irrigate only in the furrows.



Technical Specifications*

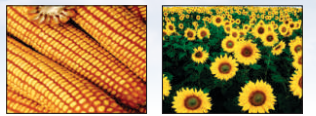
Name	National Multi Crop Ridge Planter		
Model	NMCRP-3	NMCRP-4	NMCRP-5
No. of Rows	3	4	5
Tractor H.P.	40-50	50-60	60-75
Row to Row Spacing	24" Standard (Max) & Adjustable		
Fertilizer Metering	Agitator & Sliding Orifice Type		
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)		



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NATIONAL RAISED BED PLANTER - WIDE BED

This planter is used for singulated seeding of various crops on the top of beds. The bed making and seeding is done in the single pass only. Highest water saving as compared to flat and ridge planting. Instead of heavy irrigation, just irrigate the furrows only. This will provide moisture on the both adjacent beds



Technical Specifications*

Name	National Raised Bed Planter - WIDE BED
Model	NRBP-WB
Rows	4 Rows
Tractor H.P.	45-55
Row to Row Spacing	24" and Adjustable
Fertilizer Metering	Agitator & Sliding Orifice Type
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)

NATIONAL RAISED BED PLANTER - NARROW BED

This planter is used for singulated seeding of various crops on the top of beds. The bed making and seeding is done in the single pass only. Highest water saving as compared to flat and ridge planting. Instead of heavy irrigation, just irrigate the furrows only. This will provide moisture on the both adjacent beds.



Technical Specifications*

Name	National Raise Bed Planter - Narrow Bed
Model	NRBP-NB
Rows	4 Rows
Tractor H.P.	45-50
Row to Row Spacing	7" and Adjustable
Fertilizer Metering	Agitator & Sliding Orifice Type
Seed Metering	Fluted Roller & Inclined Plate



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NATIONAL DIRECT SEEDER FOR RICE (Multi Crop Planter)



This planter is used for direct seeding of rice grains without growing nursery and also without puddling and water logging. This machine also used for sowing other crops as well.



NATIONAL STEP SEEDER

Optional Attachment : DSR attachment also available for the owner of Zero Till Ferti - Seed drill.

NATIONAL LUCKY SEEDER WITH SPRAY PUMP



NATIONAL UDP FERTILIZER APPLICATOR

The National Lucky Seeder with Spray Pump is designed for efficient rice sowing and simultaneous weed control. This machine combines precise seed placement with a built-in chemical spray system, ensuring healthier crop growth and reduced labor.

NATIONAL RAISED BED PLANTER FOR RICE - SRB (Mulit Crop)

The National Raised Bed Planter is designed for efficient rice sowing on raised beds, ensuring uniform spacing and better crop establishment. Each single bed allows sowing of two rows of rice, optimizing land use and improving irrigation efficiency.



Technical Specifications*

Name	National Direct Seeder for Rice (DSR) / LUCKY SEEDER / STEP SEEDER			National Raised Bed Planter for Rice-SRB		
Model	NDSR-9	NDSR-11	NDSR-13	NSRB-4	NSRB-6	NSRB-8
No. of Rows	9	11	13	4	6	8
Tractor H.P.	40-50	50-60	60-75	40-50	50-60	60-75
Row to Row	8" Standard (Max) & Adjustable			8" Standard		
Fertilizer	Agitator & Sliding Orifice Type			Agitator & Sliding Orifice Type		
Seed Metering	Rotating Disc with cells on its periphery (Inclined Plate)			Rotating Disc with cells on its periphery (Inclined Plate)		



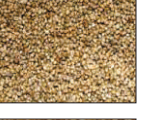
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NATIONAL ZERO TILL HAPPY SEEDER



This machine enables users to sow directly after paddy harvest without prior seedbed preparations. The machine is equipped with straw managing chopper which enables the seeding in the residue of previous crop. And when this straw decays on the soil as mulch layer (organic matter) it increases the fertility of soil. This saves the diesel, tractor's working time, labour and most importantly it gives higher yield.

It also comes in Multicrop attachment for singulated seeding.



Technical Specifications*

Name	National Zero Till Happy Seeder	
Model	NZTHS-9	NZTHS-10
Rows	9	10
Tractor H.P.	40-45	45-50
Row to Row Spacing	10" and Adjustable	
Fertilizer Metering	Fluted Roller	
Seed Metering	Fluted Roller	

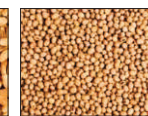
NATIONAL SMART SEEDER

Designed for wheat sowing after paddy harvest without stubble burning, supporting conservation agriculture. It uses a double disc furrow opener for precise seed placement and allows one-pass sowing while incorporating paddy residues. Equipped with a rotary tiller with half-cut blades to prepare only the seed zone, seed covering press wheels, and separate press wheels for residue management. Optional multi-crop planter attachment enables sowing of various crops efficiently.



Technical Specifications*

Name	National Super Seeder
Model	NSS-11
Rows	11
Tractor H.P.	50 and Above
Row to Row Spacing	8"
Fertilizer Metering	Fluted Roller
Seed Metering	Fluted Roller





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NATIONAL MULTICROP PLANTER (FOR MINI TRACTOR)

This planter is used for sowing different crops. By this machine sowing singulated seeding.



NATIONAL ZERO TILL MULTI CROP PLANTER FOR 2 WHEEL TRACTOR (DIRECT HITCH)



NATIONAL SEED CUM FERTILIZER DRILL (PARTITION BOX - KTK MODEL)



NATIONAL SEED CUM FERTILIZER DRILL (FOR MINI TRACTOR)

National Seed cum Fertilizer Drill is used for seeding various crops in prepared (tilled) field.



NATIONAL MULTI CROP PLANTER FOR MINI POWER TILLER



NATIONAL MULTI CROP PLANTER (Bar Tine Model)



NATIONAL

NATIONAL VEGETABLE NURSERY TRANSPLANTER



This is a two row Vegetable Nursery Transplanter for transplanting different Vegetable Nurseries such as Cauliflower, Chilies, Brinjal etc. Plant to Plant distance is adjustable. A water tank is also mounted on transplanter to avoid drying off nursery plants while transplanting.

NATIONAL GROUNDNUT DIGGER

This machine is used for uprooting /digging groundnuts from soil. The digging operation is done very efficiently and windrower is provided for organising the produce in a row after digging. It is a PTO driven Machine



NATIONAL AXIAL FLOW VEGETABLE SEED EXTRACTOR



National Axial Flow Vegetable Seed Extractor is used for wet/dry extraction of different vegetable seeds such as tomato, brinjal, chilies, summer squash, squash melon, water melon and cucumber etc.

NATIONAL FERTILIZER SPREADER



This machine is used for spreading granular fertilizer in the fields with the help of P.T.O. of tractor



Note : More detailed specifications are available on request.

*Specifications are subjected to change without prior notice for further development of products

**SERVING FARMERS
SINCE 1956**



NATIONAL AGRO INDUSTRIES

1ST Manufacturer of
SEED DRILLS
IN INDIA.



AN ISO 9001 : 2015 CERTIFIED CO.

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NATIONAL AGRO INDUSTRIES

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