

ARCHITECTS OF THE WORLDS MOST ADVANCED SEEDING AND PLANTING TECHNOLOGY

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BOARD OF DIRECTORS

We are a proudly Canadian pioneer of agricultural technologies with a proven track record in intellectual property development with a qualified team of professionals with a strong track record of success in the agricultural development, production sectors, and capital markets. We built our team to be a cross functional group of dedicated professionals.





CHAIRMAN,CEO AND DIRECTOR

GRAEME LEMPRIERE

25 year leadership career in the public and private sector.

Founder and financier of Clean Seed Capital a Tier 1 disruptive frontrunner of agricultural technologies.

Lead initiatives with market evaluations north of \$500 million.



DR. ULRICH TROGELE

34 year leadership career in agribusiness.

COO and EVP of American Vanguard Corporation (NYSE: AVD).

Significant M&A experience.



DIRECTOROF CLEAN SEED

COLIN RUSH

20+ years experience in the North American agricultural equipment industry.

Held senior positions with John Deere, Case IH and JCB Canada.



INDEPENDENT **DIRECTOR**

GLENN GATCLIFFE

20+ years of investment banking expertise.

Former managing director, head of consumer, agriculture, chemicals and manufacturing at Raymond James.



DIRECTOROF CLEAN SEED

GARY ANDERSON

Cofounder of AG Growth International.

Co-founder, former COO and former CEO of Ag Growth International Inc. (TSX: AFN).

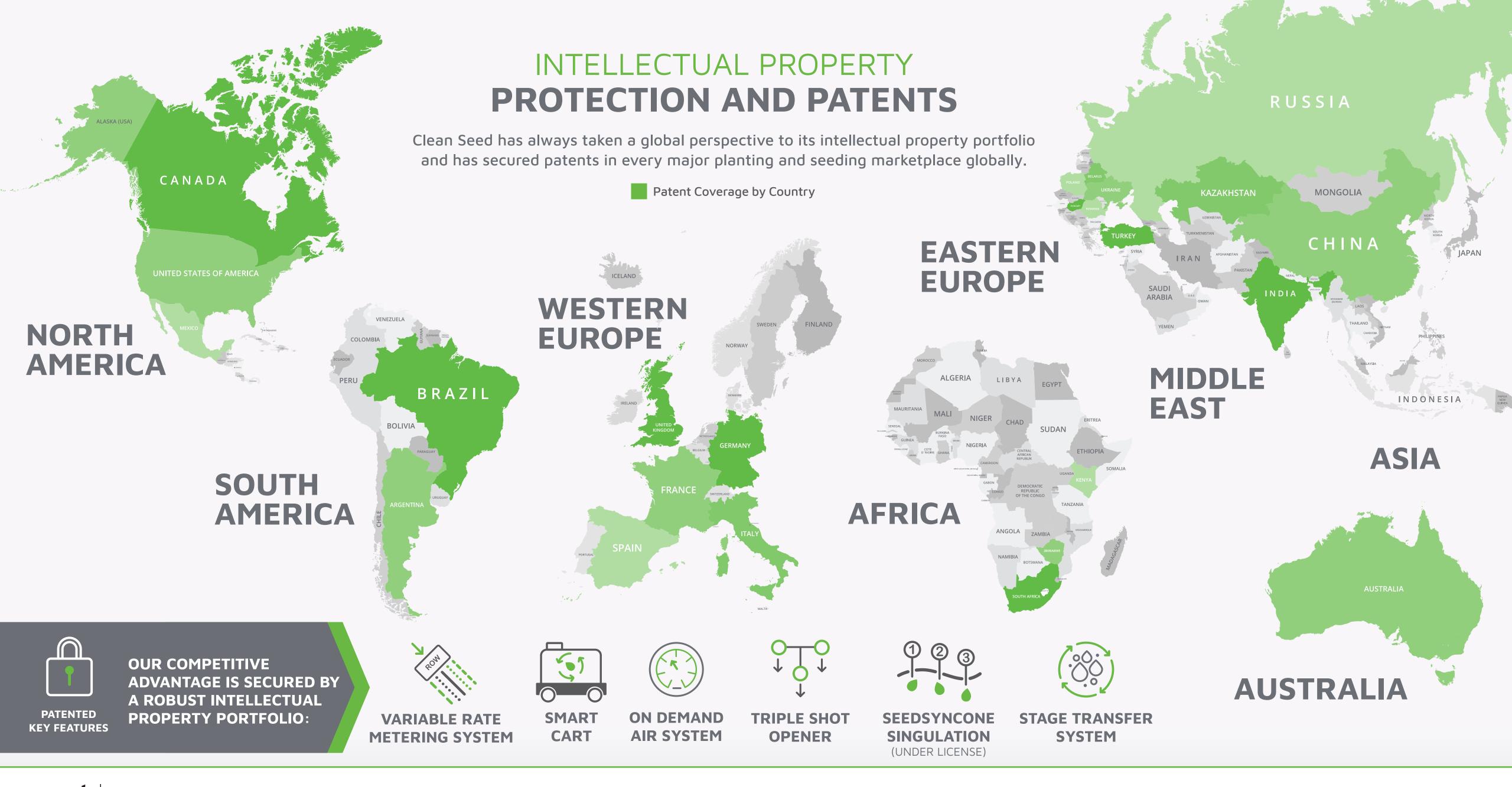
Manufacturing expert and early adopter of Lean Manufacturing practices. Member of the Manitoba Manufacturing Fall of Fame.







OTCQB: CLGPF





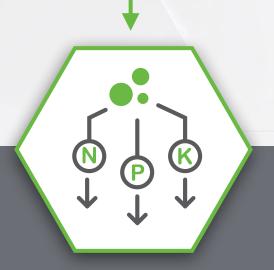


ADDRESSING THE CURRENT GLOBAL AGRICULTURAL CHALLENGES

All factors below represent challenges to the global food supply and farmer profits. Clean Seed addresses this with MAX™

SMART SEEDER





INPUT COSTS AND FLUCTUATING GLOBAL SUPPLY

CURRENT SITUATION

High cost of fertilizers due to high cost of production and a fluctuating supply chain causing instability in the supply.

THE MAX ADVANTAGE

Substantial reduction in the application of fertilizers as well as up to 80% efficiency on chemicals such a Nitrogen.



RISING FUEL COSTS FLUCTUATING GLOBAL SUPPLY

CURRENT SITUATION

Long term escalation of fuel prices has direct effect on operational consumption as well as production of fertilizers and chemicals required.

THE MAX ADVANTAGE

Conditions soil and places all products in a single pass, reducing input costs, labour costs and equipment requirements.



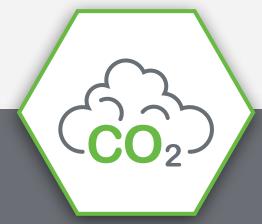
RISING OUTPUT NEEDS AND GLOBAL SHORTAGE

CURRENT SITUATION

Global shortages of wheat, and other grains, due to the current global crisis. In addition, rising populations require the need to grow more with far less.

THE MAX ADVANTAGE

Increases yield by improving the placement of seed and fertilizer, facilitating access to water for root structures and reducing mortality rates of planted seeds.



INCREASING CO² AND N₂O **EMISSIONS**

CURRENT SITUATION

Imprecise placement and rampant overuse of fertilizers and multiple pass operations, leads to higher emissions of agricultural greenhouse gases.

THE MAX ADVANTAGE

Our approach to "no till" allows for increased carbon sequestration as well as efficient fertilizer use significantly reduces N₂O emissions.



DECLINING SOIL BIODIVERSITY FROM OVER-TILLING

CURRENT SITUATION

Over-tilling, overuse of fertilizers and overconditioning farm soils reduces biodiversity and causes irreparable soil damage.

THE MAX ADVANTAGE

True "no till" machine that uses a saw tooth coulter and proprietary triple shot opener to cut through bio-matter on top of the soil and open a clean furrow.



INABILITY TO LEVERAGE AGRONOMIC DATA

CURRENT SITUATION

Existing technology provides low resolution seeding and planting prescriptions, ignoring differences in moisture and other soil characteristics.

THE MAX ADVANTAGE

Software leverages existing agronomic data and prescription models to provide actionable insights on a high resolution foot-by-foot basis.











INTRODUCING SMART SEEDER MAX/MAX-S™

THE SMARTEST SEEDER ON EARTH™



INDEPENDENT SEEDER/PLANTER IN EVERY ROW

The SMART Seeder provides a high-resolution, variable rate control row by row, with metering over each individual row. Decisions such as seed singulation, metering, furrow placement, and fertilizer placement can be controlled on a very detailed basis



NEW SINGULATION METER OPTION

Proprietary vacuum seed meter saves seeding costs by counting each individual seed

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UP TO 5 PRODUCTS TO CONTROL PER ROW

Each opener can apply precise rates of up to five different products (e.g. fertilizer) into the furrow through Cushion Drive Digital Metering™ system

7505



MAXIMIZE ACRE PRODUCTIVITY AND REDUCE LOGISTICS

760 total bushel capacity — five tank, stainless steel integrated bulk transfer cart, with individual load cells, and calibration on the go



5 INDIVIDUAL TANKS

Hold five products at one time



PRECISION PLACEMENT

Clean Seed is working with a 3rd party to develop onboard sensors connected to an Al system which will analyze soil conditions and make seeding and planting decisions in real time



Ability to cut cleanly through bio-matter on top of soil, creating a clean and deep furrow to place seeds without mixing in crop residue. This helps retain bio-matter for better soil and higher carbon sequestration



The SMART Seeder's triple shot opener allows precise and meaningful placement of products in the furrow, with up to 6 different options. This allows seeds to be placed in the optimal area of the furrow, and products such as fertilizer to be placed optimally to maximize seed safety



High-speed, single point, bulk tank clean out



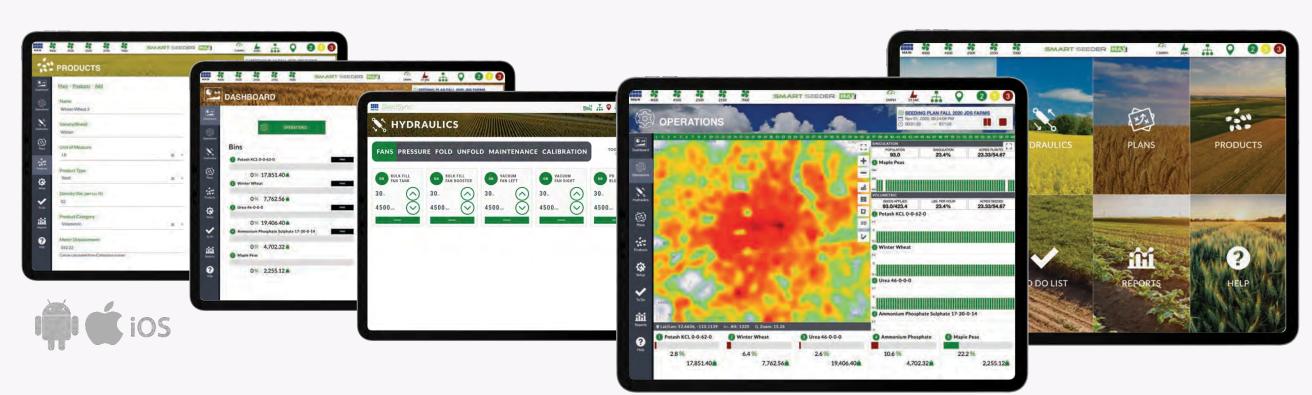


SMART SEEDER MAX™

A SEEDING UNIT LIKE NO OTHER

Our technology parallels the rise of agriculture's digital age. It's the only seeding and planting platform offering finite variable rate control of up to 5 independent products per row.

Driven by our robust proprietary software, SMART Seeder MAX™ combines precision with accuracy by delivering high resolution seed and fertilizer prescriptions. In essence the machine puts down what you want where you want it making for a picture perfect seed to nutrition planting outcome on every square foot of land.

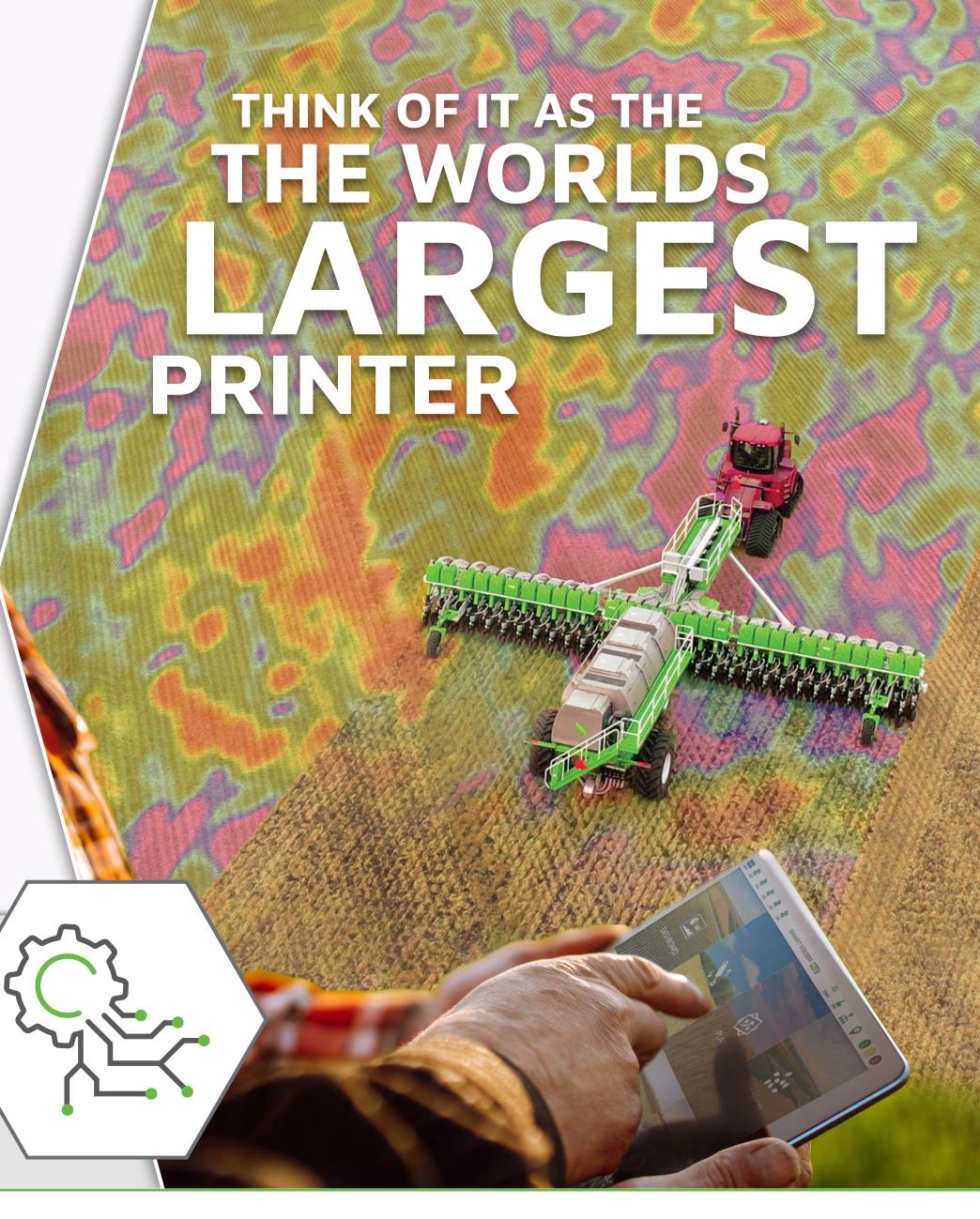






KEYLEATURES

POWERFUL PROPRIETARY SOFTWARE CONTROL SUITES AND CLOUD SYSTEMS
HIGH RESOLUTION SEEDING AND PLANTING STRATEGY/PRESCRIPTION DELIVERY
PUSH BUTTON INTERCROPPING AND COVER CROPPING
60 ROWS OF INDEPENDENT VARIABLE RATE SEEDING
5 UNIQUE PRODUCTS, OPTIONAL SINGULATION, 1 MACHINE, 1 PASS, UNRIVALLED CONTROL
UNIQUE DX OPENER, SIX PRODUCT PLACEMENT OPTIONS, NEAR ENDLESS POSSIBILITIES







AGING CURRENT TECHNOLOGY CREATING GLOBAL OPPORTUNITY

INNOVATION HAS BEEN LIMITED, LEAVING CURRENT AIR SEEDING AND PLANTING EQUIPMENT WITH MANY LIMITATIONS.

The most common seeding and planting equipment on the market relies on aging air seeder technology that is both inconsistent and inefficient. The market is dominated by large incumbents.























NEW ENTRANT AS A KEY AWARD WINNING INNOVATOR IN PRECISION AGRICULTURAL TECHNOLOGY DEVELOPMENT

A paradigm shift in the needs of modern farming and lagging innovation by the entrenched majors has opened opportunity for Clean Seed to disrupt the marketplace with revolutionary technology.













SCALEABLE SMART SEEDER PRODUCTS FOR THE WORLD



MAX-4

4 Product Capability Aligns with Classic Air Seeder

MAX-5

5 Product Capability
Provides for Increased Product
Flexibility, Switching and Intercropping



MAX-S

5 Product Capability Includes Singulation Provides Planter Level Precision



MINIMAXTM





SCALEABLE TO SUIT GLOBAL MARKET PLACE DRILL SIZE

5_{FT.}



Clean Seed CAPITAL GROUP

OTCMarkets OTCQB: CLGPF

WHAT IS SMART SEEDER MINI-MAXTM

LARGE SCALE ADVANTAGES. COMPACT FOOTPRINT.

In the years prior to the public unveiling of SMART Seeder MAX™ here in North America, Clean Seed has been working on pathways to progress our technologies in compact purpose-built seeding equipment for international markets.

We have now leveraged our comprehensive intellectual property portfolio, innovative and field-tested SMART Seeder MAX technologies to develop the SMART Seeder MINI-MAX™ for initial launch in India.











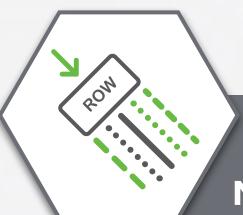




PROPRIETARY SMART SEEDER™ TECHNOLOGIES

AVAILABLE TO MINI-MAXTM





METERING SYSTEMS

Each product is an independently controlled, variable-rate seeder which can meet ever changing soil conditions. Our metering systems are zero-delay, gravity fed. The MINI-MAX™ can feature both volumetric and singulation metering systems.





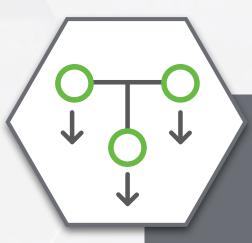
SOFTWARE AND CONTROL

MINI-MAX™ leverages and analyzes existing agronomic data to provide actionable insights at a very granular level, allowing for the true execution of high-resolution prescriptions on seed and input use / placement to optimize input application and crop yields.



Unleash the power of agronom





OPENER AND ROW UNITS

Unique coulter shank opener with cutting action that allows for true no-till seeding. The optional front cutter ensures direct seeding even through heavy paddy stubble. The opener offers capability of paired or side band seeding options for three different products.





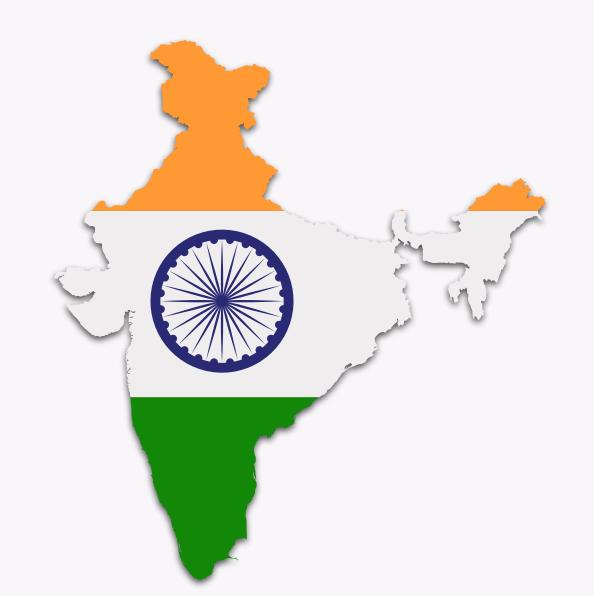




CURRENT MINI-MAX OPPORTUNITY INDIA

WHY INDIA?

The goal of SMART Seeder™ technology and collaborations in India are to eradicate stubble burning, reduce input costs, boost crop production, enhance water conservation, and protect agricultural soils from further deterioration caused by the overuse of chemical fertilizers and extreme tilling.











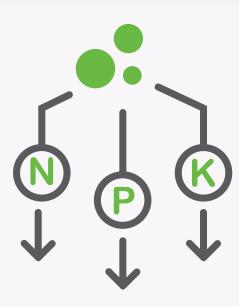




MINI-MAX™ INDIA TRIALS REPORT 26% YIELD INCREASE



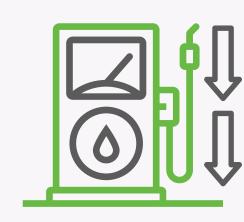
19% REDUCTION IN COST PER ACRE



67% REDUCTION OF CHEMICAL FERTILIZER USE



26% INCREASE IN PER ACRE CROP YIELD



67% REDUCTION OF DIESEL CONSUMPTION







The results from utilizing the SMART Seeder MINI-MAX™ in a side-by-side comparison to the most current and most utilized seeding equipment available in India shows an overall increase to farm cash flows of 36% using SMART Seeder MINI-MAX™!







INDIA CATALYTIC EVENTS MOU WITH MAHINDRA & MAHINDRA

WHO IS MAHINDRA?

Part of the Mahindra Group, Mahindra's Farm Equipment Sector (FES) is the world's largest tractor company by volume and owns India's two largest selling tractor brands. With a presence in over 50 countries, Mahindra FES has technology centers in Japan, Turkey, Finland and India, with a wide range of tractors and a growing presence in farm machinery for crops across the value chain.





Memorandum of Understanding with Mahindra and Mahindra Limited to bring SMART Seeder™ technology to India and to collaborate on other related opportunities to benefit each other's business interests.







INTERNATIONAL SUPPORT AND COLLABORATION

INSTITUTIONAL AND GOVERNMENT











Honourable Scott Moe the Premier of the province of Saskatchewan, Canada, The Right Honourable Stephen Harper, former Prime Minister of Canada and Honourable JP Dallal at Pehowa, Minister of Agriculture, Haryana, to discuss our efforts to bring our Canadian SMART Seeder™ technology and MINI-MAX™ to India and aid in ushering in a new era of sustainable farming in the region.





Confederation of Indian Industry













INITIAL ORDER IN PLACE LAUNCH OF 1000 MINI-MAX™ UNITS

CLEAN SEED CAPITAL TEAMS WITH NORTHERN FARMERS PRODUCER MEGA FPO TO LAUNCH 1,000 SMART SEEDER MACHINES IN INDIA







WHO IS NORTHERN FARMERS

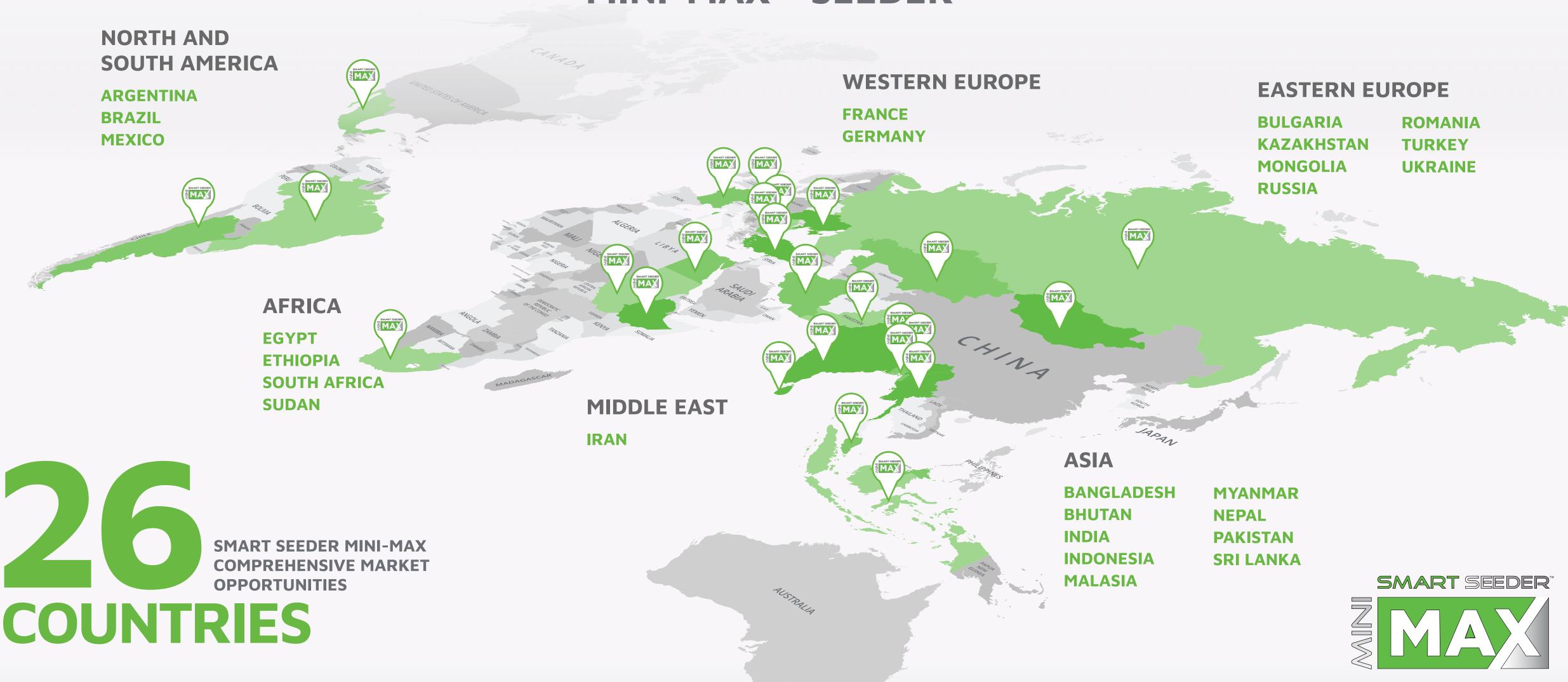
Northern Farmers Mega FPO is a leading organization of 43 Farmer Cooperatives (FPOs) involving more than 12,000 farmer members from 4 States in North India. They work closely with respective State Governments, Industry Chambers, Agriculture Universities & Industry Partners, as well as Farmers Collectivization, Agri-Input Supplies, Farm Solutions, Market Linkages, Industry Engagement Programs and other agribusiness initiatives.





ADDITIONAL TARGETED MARKETS FOR

MINI-MAXTM SEEDER







SMART SEEDER MAX™ NORTH AMERICAN MARKET





EXISTING US\$700M AIR SEEDER MARKET

There are 1,000 AIR SEEDERS

SOLD ANNUALLY and more than 10,000 air seeders currently in use in Canada and the US.

* Market data compiled by AEM ending Dec 2022

EXISTING US\$4.0B PLANTER MARKET

There are 7,000 PLANTERS

SOLD ANNUALLY and more than 70,000 planters currently in use in Canada and the US.

* Market data compiled by AEM ending Dec 2022







INTERNATIONAL

MARKETPLACE

Our technology is scalable for all major planting and seeding equipment marketplaces. We estimate that based on the value of the North American market, the remaining global market for air seeders and planters will be approximately USD \$18.5B.

SMART SEEDER





WESTERN EUROPE 2025

Estimated at 100% of the value of the Canadian air seeder marketplace.



EASTERN EUROPE 2025

KAZAKHSTAN

TDB

\$18.5 BILLION MARKET OPPORTUNITY

WE ARE TARGETING THE FOLLOWING COUNTRIES FOR INITIAL EXPORT AND EVALUATION:

SOUTH AFRICA

2024

Estimated at 40% of the value of the Canadian air seeder marketplace.





AUSTRALIA

2023

Estimated at 80% of the value of the Canadian air seeder marketplace.





SMART SEEDER MAXTM HOW ITS MADE

Manufacturing partnerships with top tier firms in Canada and the United States. Clean Seed's fully Integrated Supplier Model and JIT (Just in time) assembly facilities allows Clean Seed to focus on assembly and final quality control.



SMART SEEDER MAX™ MANUFACTURING PARTNERSHIPS



THIRD PARTY
STEEL
MANUFACTURING



THIRD PARTY
PLASTICS &
ELECTRONICS
MANUFACTURING



IN-HOUSE SOFTWARE DEVELOPMENT





SASKATOON, SASKATCHEWAN FINAL ASSEMBLY FACILITY



HIGHLY SCALABLE

TO MEET
HIGH GROWTH
DEMANDS

LOW CAPEX REQUIREMENTS

SUPPLY
CHAINS
HELPS TO
REDUCE
DISRUPTION





CURRENT AND FUTURE REOCCURING REVENUE STREAMS

SMART SEEDER



UP TO **ANNUAL CUSTOMER INVESTMENT IN PARTS/ COMPONENTS AND TECHNOLOGY UPGRADES**

(Of total smart seeder sales)



ARTIFICIAL INTELLIGENCE, **MACHINE LEARNING** AND REAL-TIME SENSING **SUBSCRIPTIONS AT UP TO**



(Avg. Target Farm is 5000 Acres)



MULTI-TIER AND FARM DATA

SUBSCRIPTION SERVICES



AGREEMENTS ON SMART SEEDER AND SEEDSYNC TECHNOLOGIES





WHY INVEST IN CLEAN SEED? OPPORTUNITY TO INVEST IS NOW







ADVANCED TECHNOLOGIES
TO DRAMATICALLY REDUCE
INPUT COSTS



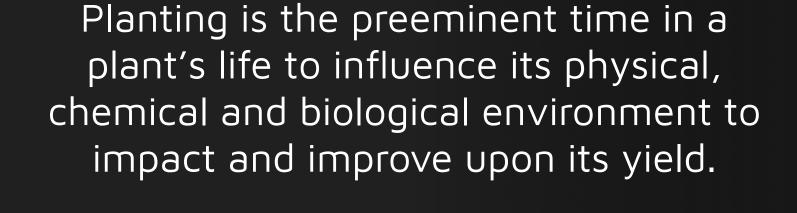
INCREASE CROP YIELDS AND SIGNIFICANTLY REDUCE ENVIRONMENTAL IMPACT



ROBUST INTELLECTUAL PROPERTY PROTECTION IN PLACE TO 2041



MANAGED BY AGRIBUSINESS
AND AGRI-TECHNOLOGY
PROFESSIONALS WITH A
STRONG TRACK RECORD
OF GROWTH









OTCQB: CLGPF



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