

ARCHITECTS OF THE WORLDS MOST ADVANCED SEEDING AND PLANTING TECHNOLOGY

APRIL 2022

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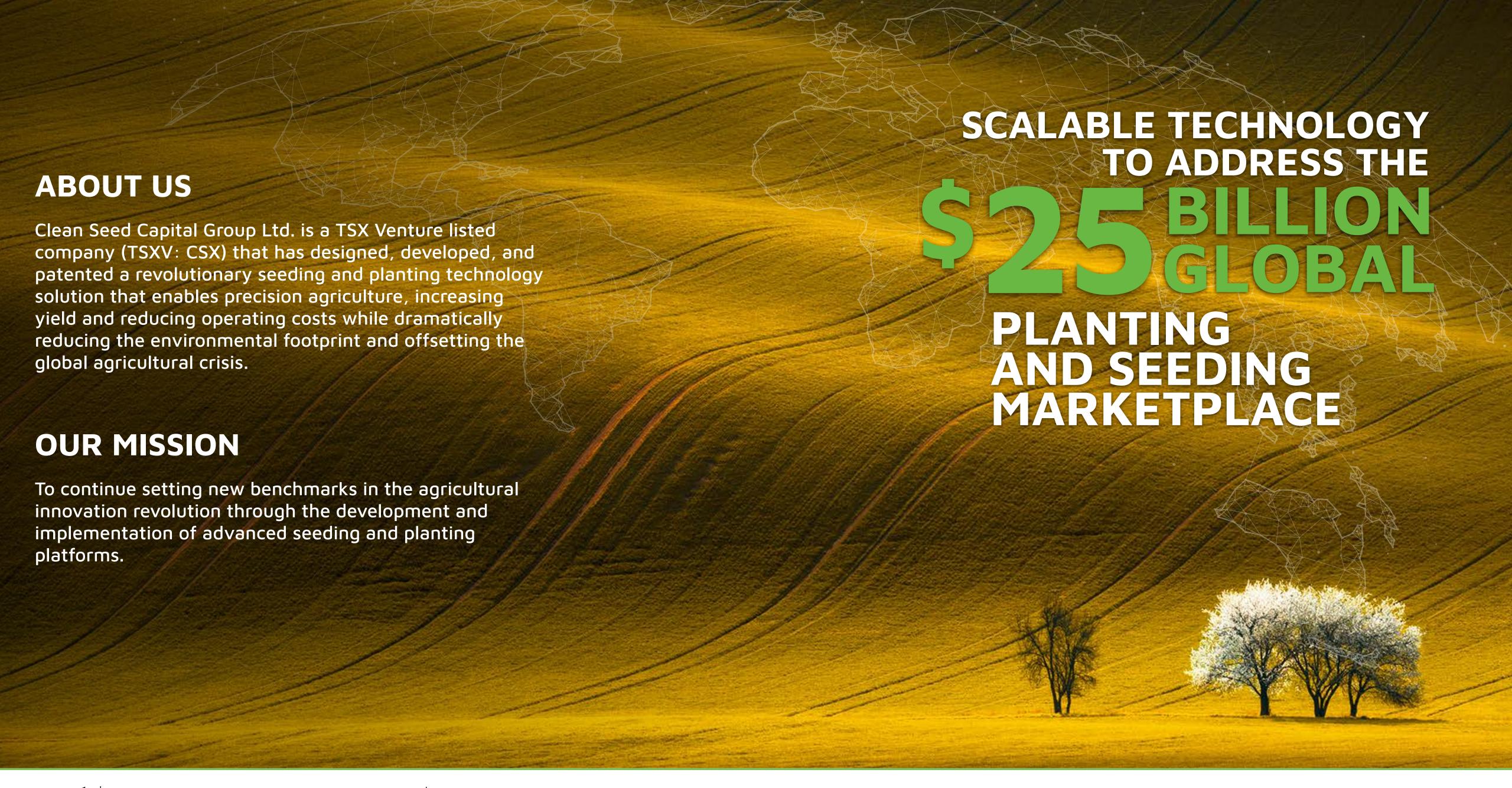
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CURRENT AGRICULTURAL **HEADLINES**

AS SANCTIONS BITE RUSSIA, FERTILIZER SHORTAGE IMPERILS WORLD FOOD SUPPLY

-CTV News

PRICES FOR FARM **MACHINERY ARE 'THROUGH THE** ROOF'

-BNN BLOOMBERG

WHEAT PRICES HIT A 14-YEAR HIGH, FOOD SHORTAGE **FEARS ARISE**

-Fox Business

FIRST DROUGHT, NOW **WAR: GLOBAL WHEAT SUPPLIES IN PERIL**

-NBC News

WAR HAS BROUGHT THE WORLD TO THE BRINK OF A FOOD CRISIS

-CNN

HIGHER FOOD PRICES

NORTH AMERICAN FERTILIZER SHORTAGE SPARKS FEAR OF

-The Guardian

TIGHT SUPPLIES TO KEEP WHEAT PRICES HIGH

-The Producer

FERTILIZER SOURCE AS WORLD LOOKS FOR CANADA'S HELP IN POSSIBLE GLOBAL FOOD SHORTAGE

> **FOOD SECURITY GRABS WORLDS ATTENTION**

NITROGEN FERTILIZER SHORTAGE

EXPECTED TO DRIVE YIELDS DOWN

-Western Producer

-The Hill Times



TSX.V: CSX

OTC Markets

OTCQB: CLGPF



FARMERS SCRAMBLE FOR ALTERNATE

-Fortune

IT'S NOT JUST

ENERGY: THE

CONFLICT IS

COUNTRIES

HARDEST

SENDING WHEAT

PRICES SOARING,

POUNDING POOR

UKRAINE





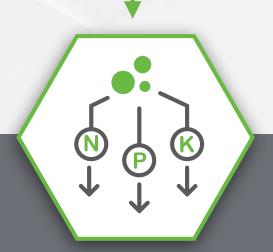


ADDRESSING THE CURRENT GLOBAL AGRICULTURAL CRISES AND BEYOND

All factors below represent an existential threat to the global food supply. Clean Seed addresses this with MAX™

SMART SEEDER





SKYROCKETING INPUT COSTS AND GLOBAL SHORTAGE

CURRENT SITUATION

Off the charts increases in the cost of fertilizers due to geopolitical tensions, war, economic sanctions and entrenched global shortages.

THE MAX ADVANTAGE

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



RAPIDLY RISING FUEL COSTS AND GLOBAL SHORTAGE

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 over-conditioning 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.







THE GLOBAL FOOD CRISES AND SOARING INPUT COSTS WILL AFFECT ESCALATING SHORTAGES IN AGRICULTURE

TO MEET FOOD DEMANDS, **GLOBAL AGRICULTURAL**

OUTPUT WILL NEED TO INCREASE AS MUCH AS

*Source: United Nations Dept

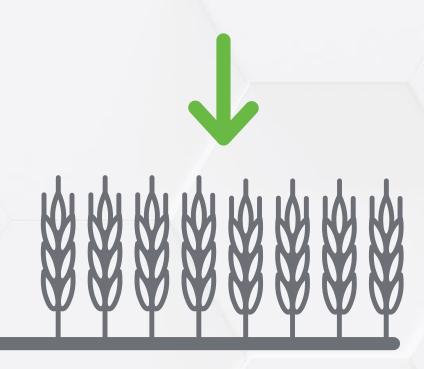
of Economic & Social Affairs **BY 2050**

THE NEED FOR PRECISION FARMING



THE AGRICULTURE COMMUNITY IS **UNDER PRESSURE TO IMPROVE ENVIRONMENTAL IMPACT WHILE BALANCING THE FOLLOWING FACTORS.**







INPUTS COSTS SUCH AS FERTILIZERS, SEEDS, FUEL **AND GLYPHOSATES ARE** INCREASING.



ARABLE FARM LAND IS DECLINING



GROWING GLOBAL POPULATION WILL REACH 9.7 BILLION BY 2050



DAILY CALORIC INTAKE IS CONTINUING TO INCREASE GLOBALLY









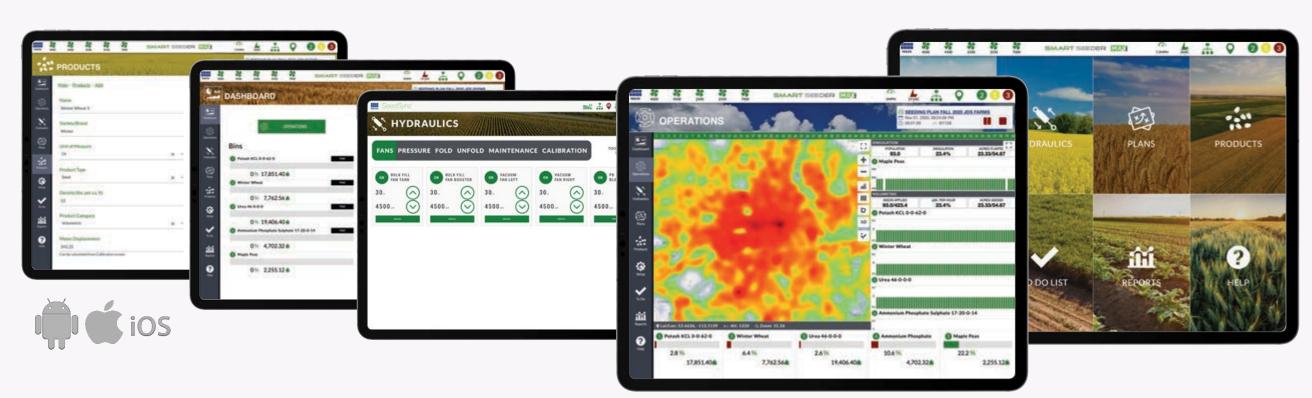
Clean Seed
CAPITAL GROUP

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 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.

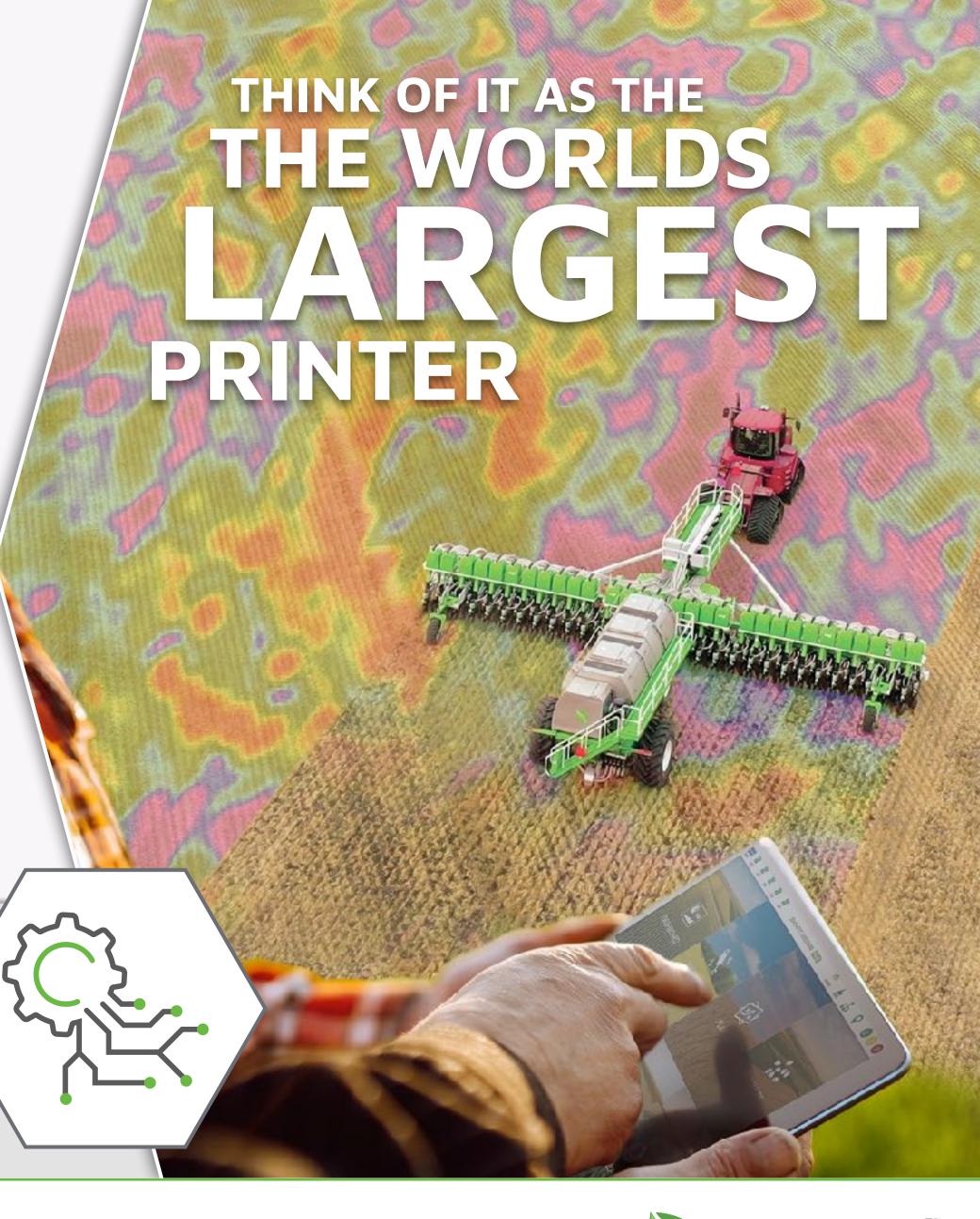






KEYLEATURES

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









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



5 Product Capability **Includes Singulation Provides Planter Level Precision**

MINI-MAXTM









SCALEABLE TO SUIT GLOBAL MARKET PLACE DRILL SIZE



Clean Seed

OTCMarkets OTCQB: CLGPF

SMART SEEDER MAX™ NORTH AMERICAN MARKET



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.

PLANTER MARKET

There are 7,000 PLANTERS
SOLD ANNUALLY and more than
70,000 planters currently in use in
Canada and the US.



TMX TSX.V: CSX

OTCMarkets OTCQB: CLGPF

VALUE PROPOSITION **INCREMENTAL COST SAVINGS**

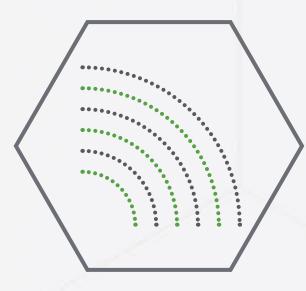


VS COMPETITIVE MODELS

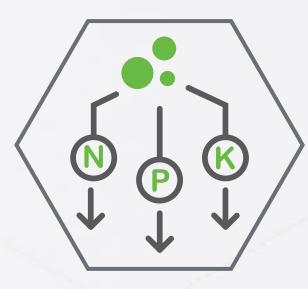
PREMIUM 19% MID-RANGE 38% COMPETITIVE MODEL S BASIC 65% **COMPETITIVE MODEL**



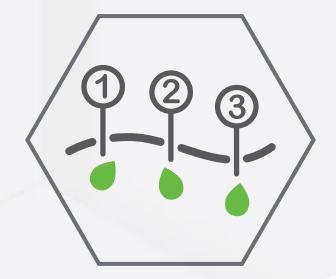
OVERLAP PROTECTION



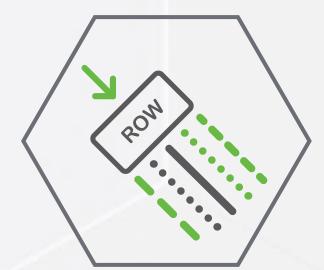
TURN COMPENSATION



FERTILIZER EFFICIENCY



SEED EFFICIENCY



ONE

DO THE MATH **GRAIN AND OIL** SEED FARM ACRE

> PER ACRE **PLANTING COST** FOR CANOLA*

\$1,525,000

(Total Planting Cost)

(Apply MAX™ Savings)

(Planting Cost Reduction)

*Government of Manitoba ** Forward Looking Information





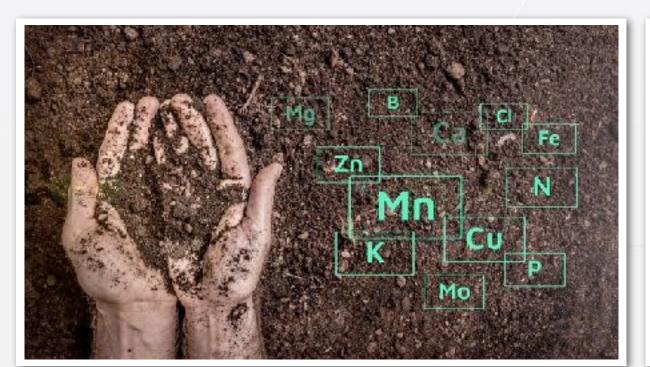


VIDEO GALLERY

CLICK TO PLAY



SMART SEEDER MAX - THE SMARTEST SEEDER ON EARTH™



EARTH ON THE EDGE -A CLEAN SEED CAPITAL DOCUMENTARY



CLEAN SEED CAPITAL GROUP: THE SEED OF AN IDEA - GROWS THE NEXT GENERATION





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

TBD

\$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.



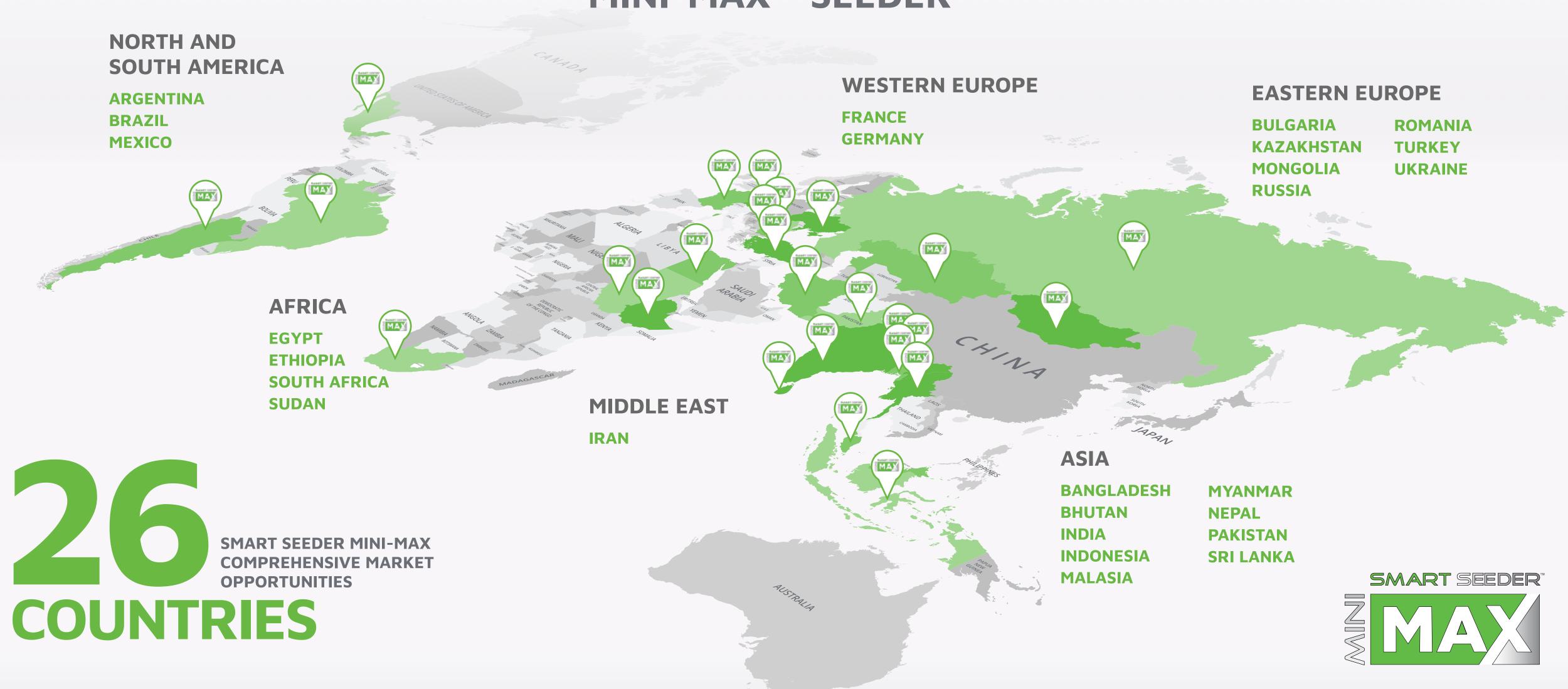
Estimated at 80% of the value of the Canadian air seeder marketplace.

2023





TARGETED MARKETS FOR MINI-MAXTM SEEDER







SMART SEEDER MAX™ **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 RELATIONSHIPS



JOINT VENTURE PARTNER FRAME AND TANK MANUFACTURING



THIRD PARTY PLASTICS & ELECTRONICS MANUFACTURING



IN-HOUSE SOFTWARE AND TECHNOLOGY DEVELOPMENT



SASKATOON, **SASKATCHEWAN AUTOMOTIVE STYLE FINAL ASSEMBLY FACILITIES**



HIGHLY SCALABLE

TO MEET **HIGH GROWTH DEMANDS**

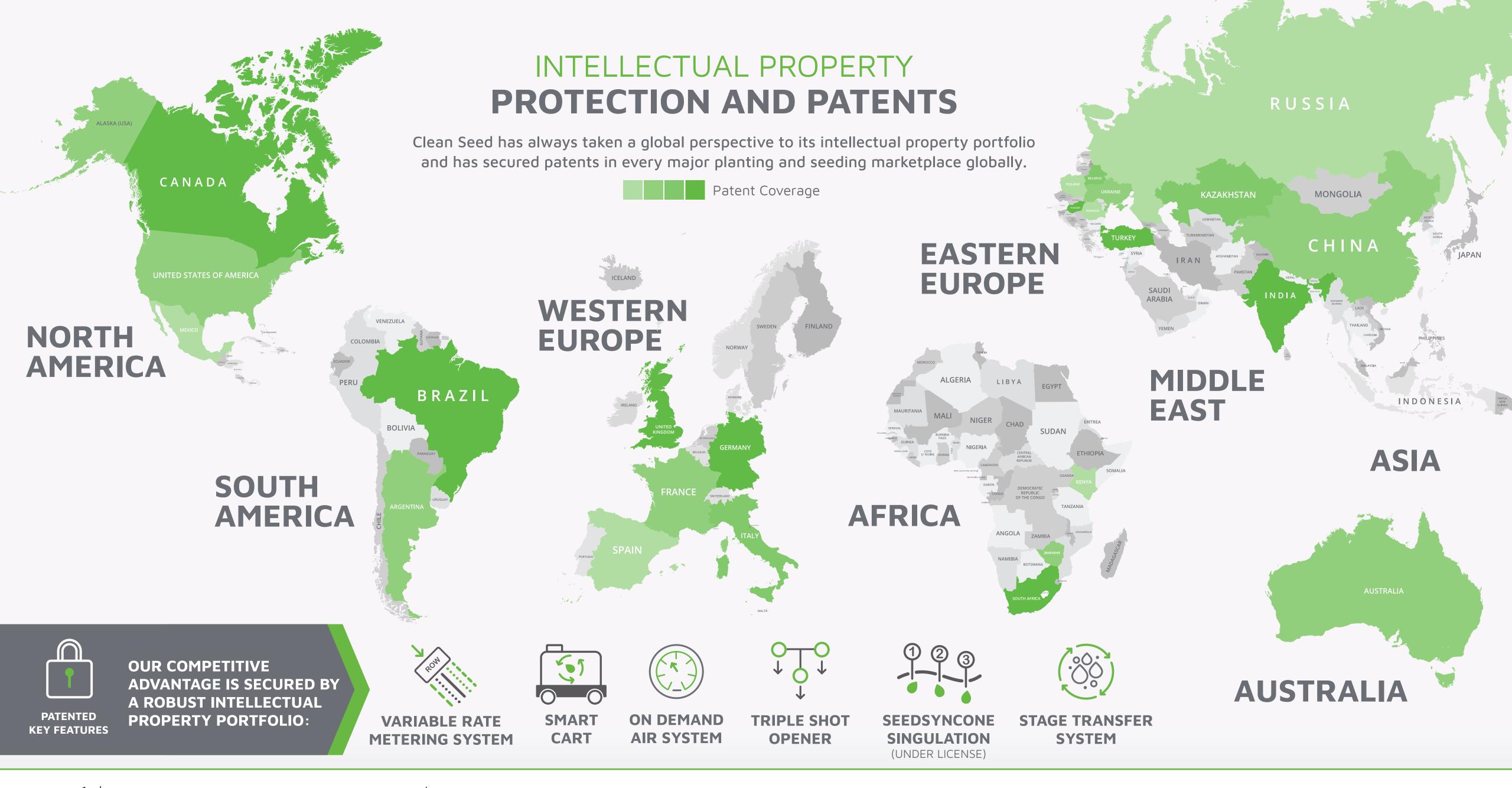
LOW CAPEX REQUIREMENTS

INTEGRATED SUPPLY CHAINS HELPS TO DISRUPTION













INITIAL MULTI-STORE TIER ONE DISTRIBUTION PARTNERS



Canada West Harvest Centre

"We are very excited to join the Clean Seed distribution network. As we explored this decision and got to know Colin and his team in Saskatoon, their commitment to being leaders in the seeding industry shone through immediately.

Further, the SMART Seeder™ MAX is easily one of the most innovative seeding tools in the market as it provides unmatched agronomic benefits that drives increased financial returns for agricultural producers. Clean Seed is a group of passionate ag equipment professionals with industry leading technology so naturally they're a perfect complement to our existing CLAAS lineup."

MIKE MALMGREN GENERAL MANAGER OF CANADA WEST HARVEST CENTRE





DEERLAND

"The Clean Seed SMART Seeder™ MAX provides game-changing technology not yet offered in the precision seeding market today. The SMART Seeder™ MAX focuses on accuracy in high resolution seeding and fertility as well as individual row section control with turn compensation technology.

We feel that our customers are well suited to take advantage of this seeding solution that will be changing the seeding equipment and technology marketplace moving forward. This partnership with Clean Seed will complement our current core John Deere seeding products by adding another layer of technological offerings."

BRETT YAKIMETZ, **GENERAL MANAGER OF DEERLAND**





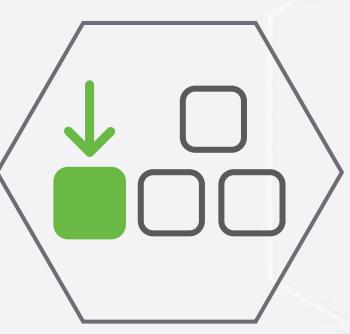
AGRICULTURAL CRISES DRIVE INDUSTRY WIDE UNPRECEDENTED SALES DEMAND



NET FARM INCOME PROJECTED TO BE HIGHEST ON RECORD



PRE-PURCHASED INPUTS AT UP TO 50% BELOW **CURRENT RETAIL FOR 2022 ONLY**



MAJOR SHORTAGES IN NEW AND USED EQUIPMENT



FARMS TO BE HIT WITH CURRENT INPUT INFLATION FOR 2023 CROPS



OVERALL MARKET FACING SIGNIFICANT ENVIRONMENTAL AND CLIMATE PRESSURES





PRODUCTS THAT CAN OPTIMIZE INPUT APPLICATION WILL BE CRITICAL TO FARM PROFITABILITY.





CURRENT AND FUTURE RECURRING 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 5,000 acres)



MULTI-TIER

AND FARM DATA **SUBSCRIPTION SERVICES**



ROYALTY

AGREEMENTS ON SMART SEEDER AND SEEDSYNC TECHNOLOGIES





DECISION GATE **OPPORTUNITY KNOCKS**

After completing our 2022 – 2024 corporate milestones Clean Seed will have arrived at a decision gate. Our success over the coming 24 months should generate multiple opportunities for consideration to maximize shareholder value.

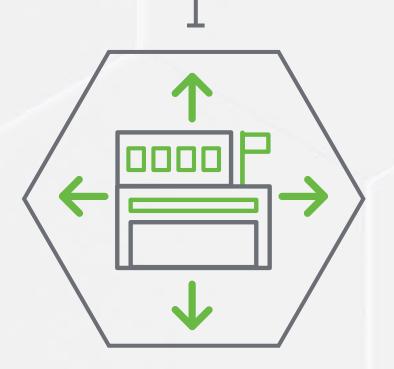




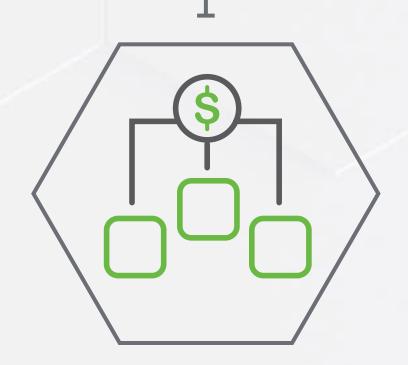








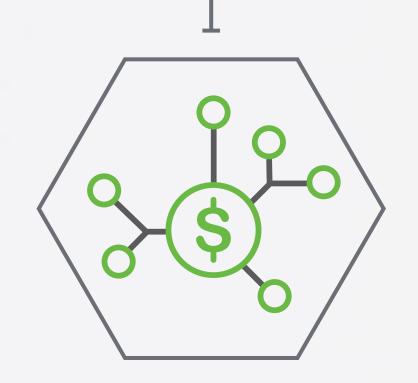
EXPAND LEAN ASSEMBLY FACILITIES TO MANAGE DEMAND AND GROWTH FOR 2027 AND BEYOND



OPPORTUNITIES TO ACQUIRE SYNERGISTIC BUSINESS MODELS FOR GROWTH



LICENSE THE SMART SEEDER **MAX TECHNOLOGY TO MAJOR OEM'S WITH GLOBAL REACH**



SELL THE SMART SEEDER MAX PRODUCT LINES AND IP PORTFOLIO TO MAJOR OEM'S



EXPAND SEEDSYNC SOFTWARE/CLOUD/ANALYTICS **SUBSIDIARY**



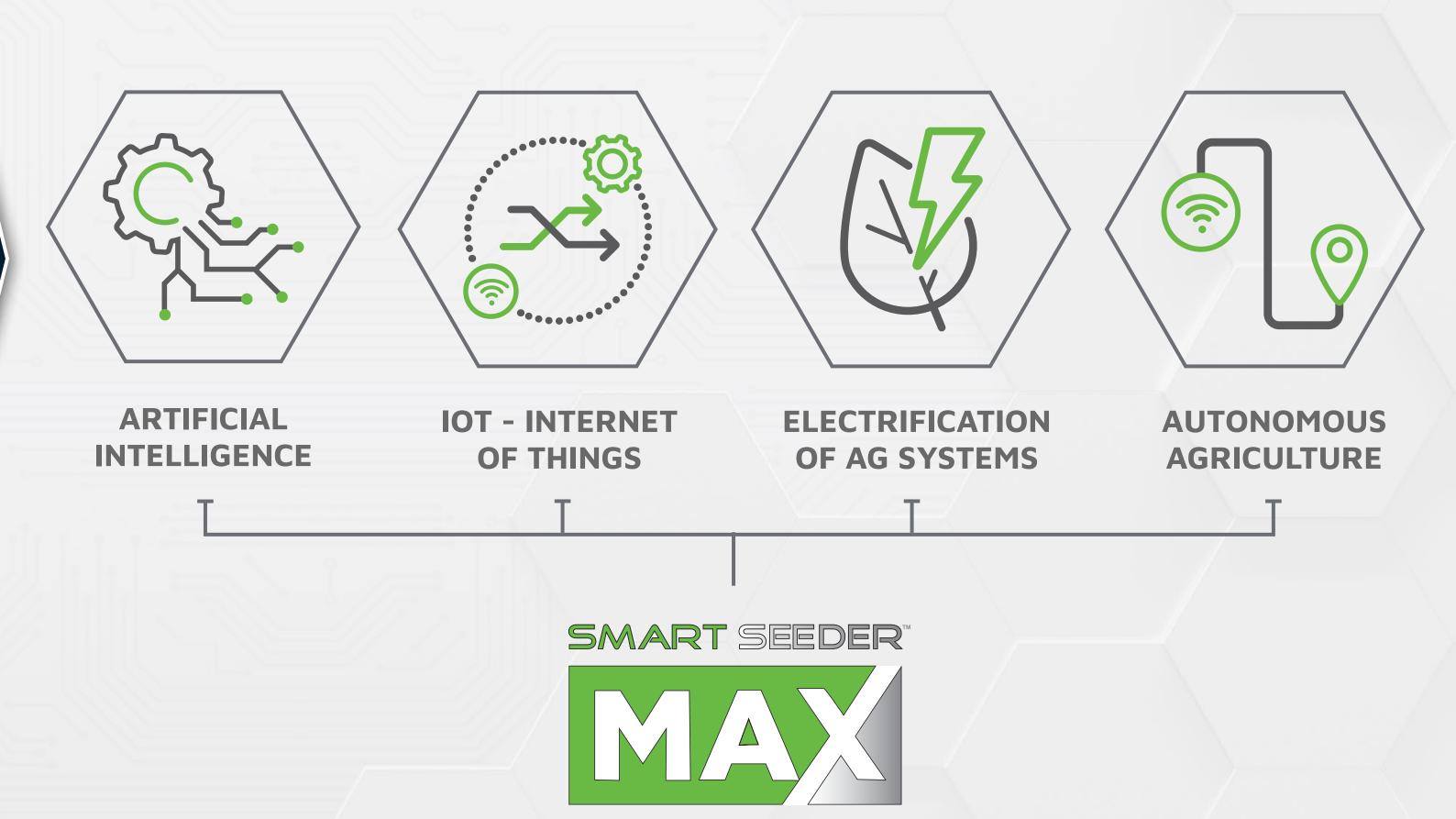






FUTURE PROOFED FOR THE RISE OF INDUSTRY TRENDS

Clean Seed and SMART Seeder technology stands to benefit from the rise of the pillars of technology development below. SMART Seeder MAX and other SMART Seeder related technologies and products will be enhanced by progression in these areas.









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.



INDEPENDENT **DIRECTOR**

STEVE SOMMERFELD

Original CFO of Ag Growth International Inc. 1997-2020.

25 acquisitions that resulted in the company internationalizing its business and increasing revenues from \$2 million in 1997 to \$1 billion in 2020.



PRESIDENT AND DIRECTOR

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**

DR. ULRICH TROGELE

34 year leadership career in agribusiness.

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

Significant M&A experience.



DIRECTOR

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.



INDEPENDENT
DIRECTOR

GLENN GATCLIFFE

20+ years of investment banking expertise.

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





TSX.V: CSX

OTC Markets 0

CAPITAL STRUCTURE INFORMATION

STOCK SYMBOL

TSX.V:CSX

OTCQB:CLGPF

STOCK EXCHANGE

TSX VENTURE









Planting is the preeminent time in a

plant's life to influence its physical,

chemical and biological environment to

impact and improve upon its yield.

WHY INVEST IN CLEAN SEED? OPPORTUNITY TO INVEST IS NOW









INCREASE CROP YIELDS AND SIGNIFICANTLY REDUCE ENVIRONMENTAL IMPACT



ROBUST INTELLECTUAL
PROPERTY PROTECTION IN
PLACE TO 2041



MANAGED BY AGRIBUSINESS
AND AGRITECHNOLOGY
PROFESSIONALS WITH A
STRONG TRACK RECORD
OF GROWTH









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