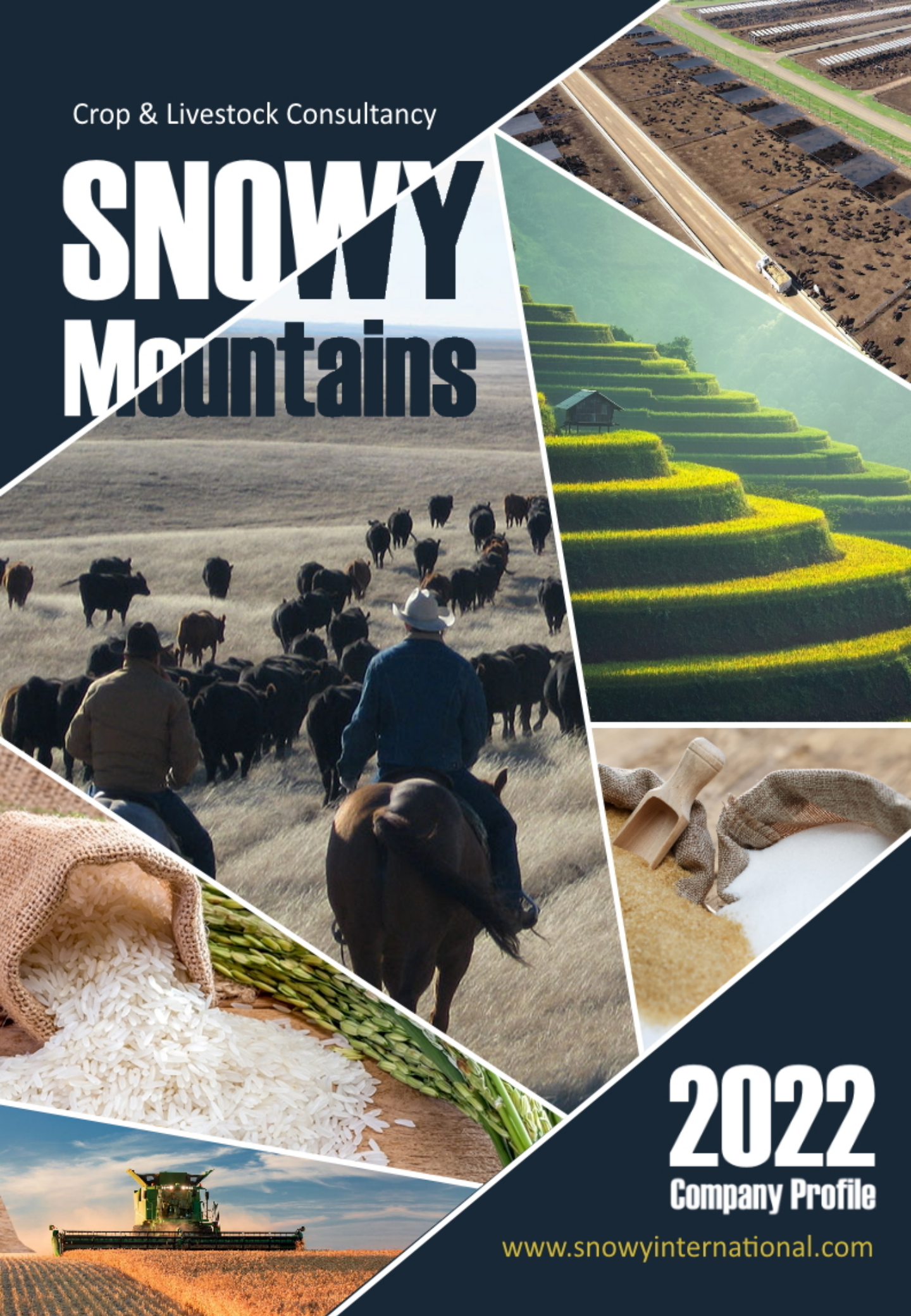


Crop & Livestock Consultancy

SNOWY Mountains



2022
Company Profile

www.snowyinternational.com

FIELDS OF EXPERTISE

LAND PREPARATION



MACHINERY ASSET MANAGEMENT



BROADACRE CROPPING



GRAIN COMMODITIES



FORAGES



ANIMAL FEED PRODUCTION



STORAGE FACILITIES



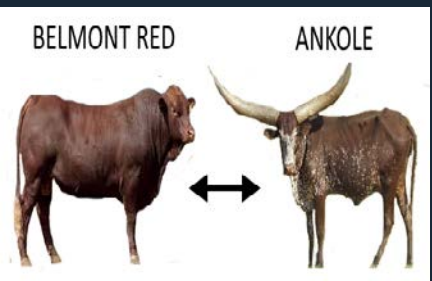
LIVESTOCK GRAZING



FEEDLOTS / FATTENING PROGRAMS



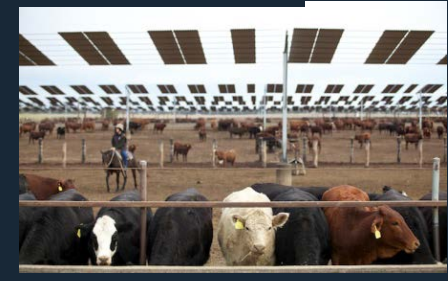
BREEDING PROGRAMS



HEALTH SERVICES



QUARANTINE STATIONS



ANIMAL EXPORT



MEAT PRODUCTION



MEAT EXPORTS





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OUR VISION

Our mission is to tackle the world's growing food security problem by introducing better knowledge, know-how, management and technologies to help under performing regions be more effective and transformative - while still prioritising how to best safeguard the well-being of our present and future generations.

Australian farmers face one of the most challenging farming environments on Earth, with relatively poor soils and recurring droughts, but because of these difficulties Australian farmers have to constantly look for better ways of doing things to improve their efficiency and productivity – which they have done.

Snowy Mountains is a specialist in agribusiness management, advisory and consultancy. We primarily provide independent farm management & advisory services to foreign and international clients, while focusing 100% on clean farming and maintaining the highest level of environmental friendliness and sustainability.

Snowy Mountain Limited is created by leading professionals in different fields of agriculture with the particular objective of assisting other farming operations across developing countries, by infusing highly efficient and long-achieved Australian farming experiences and knowledge as a support basis. We try sharing our gained knowledge in all-round large scale farming projects especially in areas that have suffered from technological deficiency.

Snowy Mountains will manage any types of farming operation i.e. on behalf of Governments, corporations and/or investors.





BROADACRE FARMING

Beyond our ambitions of getting our own farming project(s) started in Thailand and in parts of Africa, the farm advisory services we provide allow us to work with our clients in the inception, implementation, continuation and/or completion of any farming project. We undertake changes in farming practices, oversee the expansion of the farming program, convert the farm to non-chemical usage - and can also provide full farm management.

- Putting in place a plan to minimize the weaknesses and enhance the strengths.
- Plan includes setting achievable physical and financial targets.
- Implementation through regular farm visits, office meetings and telephone communication.
- Evaluating financial performance with management accounts. Physical performance with monthly performance analysis and comparison with targets.
- Precision farming.
- Site specific crop management (SSCM)
- Regulate grass land management.
- Oversee soil fertility,
- Grass budgeting.
- Breeding policy and cattle selection.
- Animal health
- Disease protocol
- Nutrition preparation
- Detailed diets and analysis of inputs.
- Assessment of chemical footprint.
- Incorporation of non-chemical inputs.
- Convergence to clean sustainable farming where effectively possible.

Our packages can be tailored to whatever the client requires, but usually we take an a management approach, which includes boots on the ground at all times.

CATTLE RANCHING & FEEDLOTS

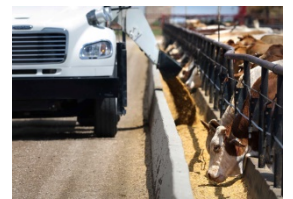
The goals of planning cattle feedlots are to minimize animal and worker stress during handling, feed cattle in an adequate and efficient manner, provide well drained cattle space, maintain efficiency and profitability of feeding operations and protect the surrounding environment.

Extensive engineering (and cost) can go into the building of a professional feedlot in Australia, but the process that ensures the proper location selection, handling of cattle and application of fattening techniques is primarily based on standards, management and solid know-how - assets can be secondary.

It is Snowy Mountains' business to make the best possible custom recommendations when it comes to the integration of fattening plans that will work well and be cost effective even in developing countries and lately especially Africa.

The number of cattle in a pen varies from 60 to 150 head. If cattle are 130 to 180 kilos upon arrival, then a typical pen can hold up to 120 heads and if cattle are in the 230 to 270 kilo range then the pens should hold 80 to 100 heads. Naturally, a feedlot utilizes the straight lines of a basic rectangular design to make feeding much easier, but most important is it for our consultants to find the most cost-effective feeding means, which could produce the required superior meat quality.

Most people often don't recognize that cattle are eating grains and forage, which by right should be grown locally, if possible, as it greatly reduces production and transportation costs.



CHANCE HAS NO PLACE IN A FEEDLOT OPERATION

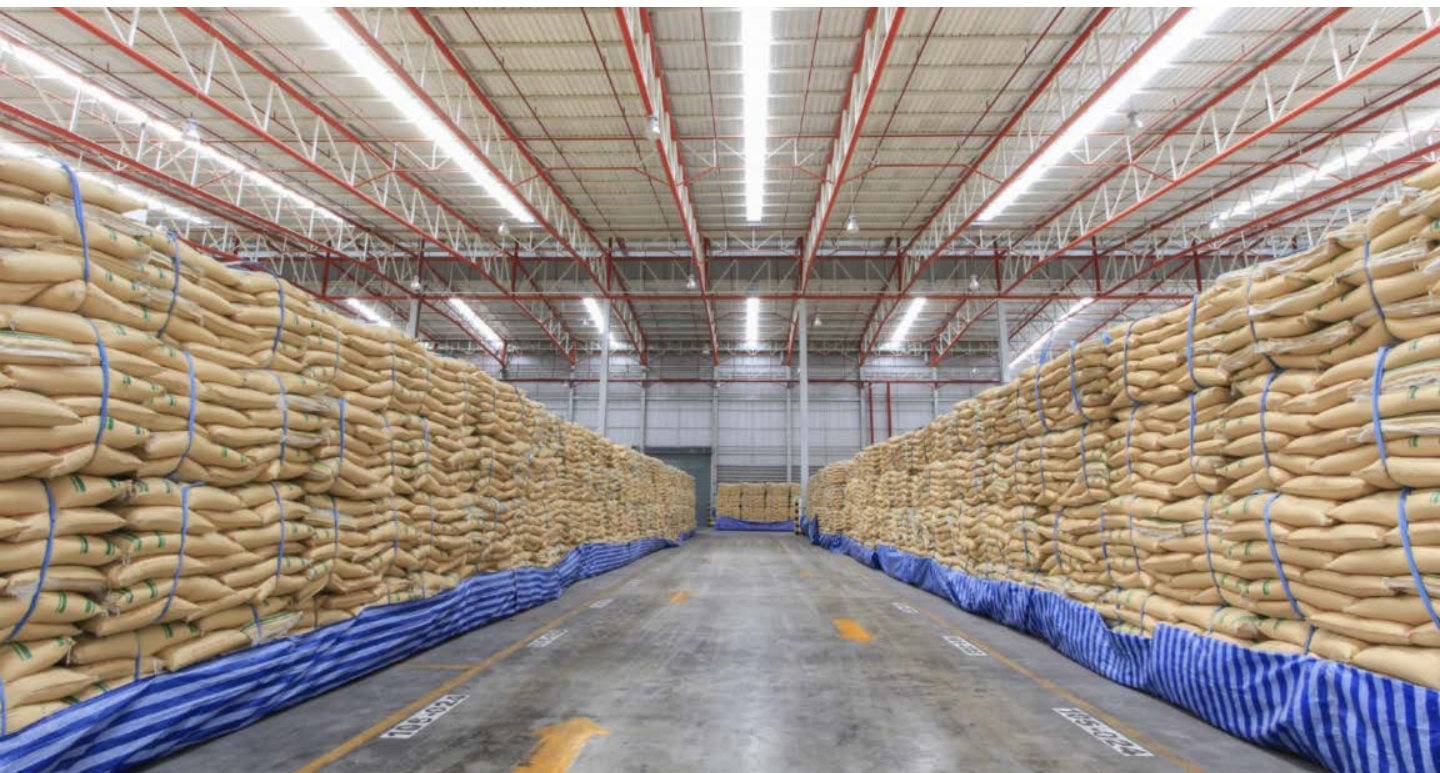
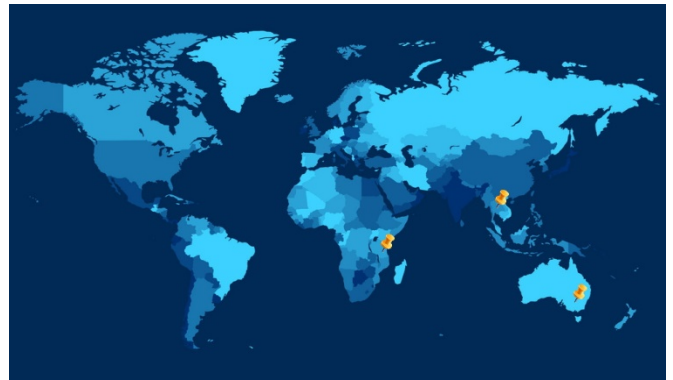


OUR TRADING EXPERIENCE

Being part of the agro-industry, we have for decades had direct access to many worldwide products and producers of agro-products. This has led Snowy Mountains to develop strong contacts across the industry and close ties to various international producers providing essential commodities such as sugar, rice, palm oil and much more.

Over time, Snowy Mountains has built a Joint Venture partnership in Thailand, with whom Snowy Mountains is registered as the official sales arm for a series of large rice producing cooperatives, rice millers as well as sugar producers in the North of Thailand.

Together with its Thai partners, Snowy Mountains holds a number of exclusive export rights to the African market for Thai products and also manages all international agro trading activities of the company. **Feel free to contact us.**



RICE TRADING

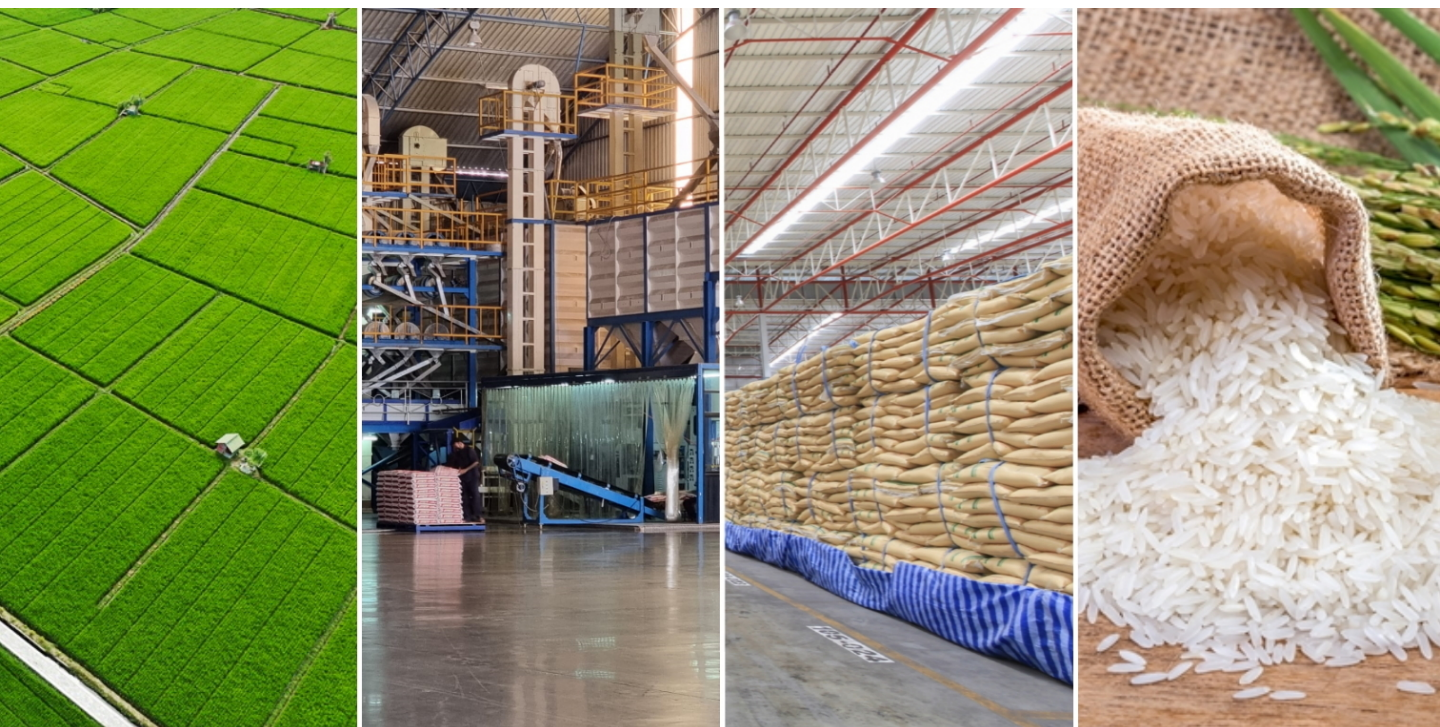
We are supplying global food manufacturers, exporters, commodity wholesalers, private retailers and suppliers with premium class Thai rice and we can offer wholesale, customized and/or premium rice products under a variety of brands. We have access to about 500,000 tons of rice per year and we can do so from a few containers to bulk loads of 50K MTs. Our team in Thailand is well capable of loading very large quantities to any ports of the world where there should be a demand.

We pack generally our rice in 50KG bags, but we also offer OEM services to our customers when orders exceed 2,500 tons.

Thai rice has maintained its edge for decades due to a notable superiority in quality compare to Chinese, Vietnamese, Indian or Bangladeshi long grain or fragrant rice. This superior quality is essential when it comes to international food production, manufacturing and brands - but also for direct consumption.

There are many different types and colors available, it can be hard to know what rice to choose - but if you have ever sampled the various types of rice on the market - from Chinese short grain to Indian Basmati, Italian Arborio (used for “Risotto”), or even the Native North American Wild Rice - you would have to agree that Thai Jasmine rice is one of the best-tasting - not to mention one of the most nutritional of all types of rice in the world.

We sell “Fragrant Rice”, “Jasmine Rice”, or “Scented Rice” – but also white rice and long grain rice. Jasmine-scented rice has natural fragrant properties and with it’s good-taste and high-quality it is no wonder that Thailand is the number one premium rice exporter in the world. In fact, if you were to venture via river boat out of Bangkok toward the Central Plains, you would see nothing but rice paddies for miles and miles - all the way into the Northern hills were we work with the local rice grower co-ops and rice mills.



SUGAR TRADING

We focus on prime granulated Thai sugar. It is made by crystallizing purified and filtered thick juice from premium Thai sugar cane, then dried and screened to produce the most popular ICUMSA sugar grades. If you are looking for sugar, then we can offer a great variety of package sizes, strong price points and custom options to meet our customer's needs.

ICUMSA (International Commission for Uniform Methods of Sugar Analysis) is an international body that has sought to standardize the measurements, which are used to describe Sugar. Usually, the whiter a sugar is, the more refined it is. ICUMSA 45 - which is the grade we focus on - is a sugar that is sparkling white and highly refined. It is easily recognizable by its distinctive color and pure sucrose taste. It is suitable for human consumption and used in a wide range of food applications. It is perpetually in high demand as it is the highest quality sugar available in the market today. ICUMSA 45 is the world's leading consumer sugar and also the safest form of sugar as the refining process removes all the bacteria and contaminants present in the raw sugar.

Sugarcane production in Thailand was only at 63.8m tons in 2007 and grew to 106m tons in 2015. Come 2026, the target set by Thailand's Ministry of Industry is to produce 180m tons of cane, an ambitious 70% increase in 10 years. The plan is to expand the current 1.6m hectares of sugar cane planting area to 2.56m hectares, by converting existing rice fields into cane plantations, as well as increasing sugar yields by using better sugarcane varieties.

In order to complement this growth, the Thai government has approved the building of 12 new sugar factories, as well as issuing new licenses for some of the current mills to upgrade their current capacity.

Together with our partners in Thailand we have been very busy improving our position within the sugar industry in Thailand, but if all licenses were fully utilized and fully developed it would increase annual cane crushing production capacity to 1.1m tons of cane per day (TCD) from the current 883,000 TCD and provide ourselves and our Thai partners with even more access to sugar.





OUR NON-CHEMICAL INPUTS

Unfortunately, current farming practices damage the way of letting the soil do its thing – leaving our soils around the world unhealthy. Not only does it produce worse and worse yields, to the extent whereby we end up with more and more soil devastation, acidic soils and PH levels hostile to plant growth, but it also erodes and dries our lands - and that makes our lands unfit for farming.

"Chemicals are a burden to our farmland and soils". Not only do they represent a serious health hazards, but they have been proven to go against nature. Chemical fertilizers might be able to boost plant growth, but they also destroy all other life in our soil at the same time – and that is what today prevents yields from rising in many parts of the world.

It is not yet clear what a sustainable future will look like, but with emerging technologies and the improvement of cleaner fuel sources, many people now look to a post fossil fuel world and it is for that reason Snowy Mountains keeps developing its own range of clean soil inputs.

Maintaining healthy soil demands care and effort from farmers, because farming is not benign. Where the soil has received heavy treatments of pesticides, chemical fertilizers, soil fungicides or fumigants, the beneficial soil organisms may have died and therefore allow disease-causing pathogens to come to the surface and cause serious farming problems.

This will not come as a surprise to many organic farmers, because they have already witnessed with their own eyes how more productive organic inputs can be (more so than chemicals), however converting to non-chemical is not always an easy transition.

In the worst case, it can take several seasons - but then, not only is the soil back to normal and able to deliver, but it is once again clean and not polluting our earth and waterways with chemical run-offs anymore.

**REAL FARMERS
GROW SOIL,
NOT CROPS**

Our non-chemical agricultural product range is unique as it harnesses the yield-boosting effects of nutrient cycles, beneficial insects, microbial activity and crop science. Finding efficient organic/non-chemical solutions is not difficult, but they are usually out-performed by chemicals when it comes to pricing and cost. In fact, the 'Non-Chemical Revolution' purely lies in the ability of producing non-chemical solutions that are able to compete cost-wise with chemicals – and to do so across vast expanses of land. We can deliver solutions for most crops, plants and trees in any large scale setting, in any geographical location and we are capable to compete with, and even outperform chemicals - both in yield and in cost.



EcoProtect is a mineral based non-chemical systemic fertilizer, which contains all of the essential building blocks chelated for quick and easy uptake by the plants root system promoting good plant growth. Our product contains unique formulas called 'Activators' which allow plants to recognize and uptake increased dosages of nutrients, which in turn translate to an excellent quality harvest. Unlike conventional 'Synthetic Chemical Fertilizers' whereby only 18-25% of nutrients are absorbed by the plants and the rest leaching through the ground, EcoProtect has an absorption rate of between 60-75%. This increased uptake of nutrients is ultimately due to the "Activators" contained within the product. Root growth is stimulated due to more active uptake of nutrients before stems and leaves have been formed hence root systems can double in size. Greater root activity leads to rapid stem extension and leaf formation, which in turn establishes chlorophyll production within the plant. With greater photosynthesis, the plants become darker green - and healthier.



While a popular belief is that non-chemical farming might yield 10 to 30% LESS than chemically driven farming, we at Snowy Mountains have fine-tuned and developed a unique range of non-chemical products, which are not only able to outperform chemicals in terms of yields, but will also do it in a green, clean and sustainable way.

EcoProtect "Systemic" is on-the-other-hand a plant based formula created specifically for 'Cereal Crops' such as 'Rice' in tropical climatic conditions. Systemic translates to a unique formula, which is absorbed into the plant, thus allowing the plant to 'Repel' insects at the same time. Field trials were conducted for 2 years in Malaysia to ascertain our unique 'Systemic Action Additive'. We covered approximately 27 varieties of insects and mollusks that attack paddy throughout the cultivation period and were highly successful. Our non-chemical insect repellent also incorporates a unique plant based formula, which is predominantly designed for tropical climates and used as a 'Contact Spray'.

GEO NUTRIENT

SOIL CONDITIONING

Geo Nutrient works in perfect harmony with the EcoProtect products, providing an excellent foundation for the crops allowing EcoProtect to work more effectively as it is capable of stimulating microbial activity in the soil. Decomposing non-chemical matter by stimulating microbial activity within the soil, will release “Non-chemical Carbon”, which contains many of the nutrients required for healthy crop growth. Geo Nutrient is able to regenerate soil in that way. This effect cannot be achieved by “Liming” soils. There is no such product as Geo Nutrient available in the market to date and while “Liming” the soil will take anywhere from 6 months to 2 years to bring up pH levels, with Geo Nutrient it takes 2 months. One of the most dynamic benefits of Geo Nutrient is its ability to neutralize Total Exchange Acidity and to bind up exchangeable aluminum, hence reducing aluminum toxicity. This totally eliminates the need for liming. When soil becomes acidic and the pH falls, the usual approach is to apply “Lime”, however “Liming” only attacks the Hydrogen, which is emitted from the Aluminum content within the soil. Most soils these days contain high levels of Aluminum and this is due to an extensive usage of chemicals. It is a vast problem, because the high acidity is one of the fundamental reasons why the average paddy yields fail to increase.

DISSOLUTUM

NON CHEMICAL HERBICIDE

Dissolutum is a Non-Chemical herbicide. This is one of the latest product that we have designed and it is a replacement for “Round Up”, which is the most used herbicide in the world. However, “Round Up” is a dangerous product as it uses Glyphosate which can be very harmful to farmers due to its high “Arsenic Toxicity”. Glyphosate is highly controversial as it has officially been the cause of killing more than 100,000 farmers worldwide. Even China has banned the product - yet it is still the most used herbicide in the world. Our Dissolutum product is a capable replacement under ideal conditions.



GEONUTRIENT COMMERCIAL TRIAL		pH (KCL)		pH (H2O)	
		Rep 1	Rep 2	Rep 1	Rep 2
Control	Before	4.72	4.68	5.08	5.01
	After	4.83	4.77	5.37	5.31
Geo Nutrient	Before	4.69	4.66	5.01	4.91
	After	6.13	6.86	6.34	6.97

THAILAND: Impact Project(s)

MODERNIZING CO-CULTURE RICE PRODUCTION IN THAILAND

South East Asia needs to make two radical agricultural improvements when it comes to rice. They need to conclusively increase their rice 'Yields per Hectare' which are simply too low and they need to ensure farmers are able to make a decent living from rice farming – all this can be achieved by improving and modernizing the Thai co-culture system(s).

CHEMICAL RICE MONOCULTURE



NON-CHEMICAL RICE+ FISH CO-CULTURE



When you compare the Australian average of 8-12 tons per hectare with the South East Asian average of about 3.7 tons per hectare, it is clear that there are very important differences. Why are their such significant differences? Mostly it comes down to soil science, fertilizer quality and application know-how - and Snowy Mountains specializes in the implementation of such High Yielding Rice Systems.

Most importantly Snowy Mountains has developed a 2-step system using only non-chemical inputs, which can :

1. IMPROVE YIELDS PER ACRE
2. USE NO CHEMICAL INPUTS
3. CONVERT FARMERS TO NON-CHEMICALS
4. PRODUCE RICE FREE OF ARSENIC, CADMIUM AND MERCURY
5. ADD NEW INCOME STREAMS
6. IMPROVE A FARMER'S INCOME

It is such a major step forward that the modernization and improvement of the region's rice industry will have to be considered a total "game changer" - not to mention that the farmers will make a much better living.

Converting rice fields into Rice+Fish co-cultures has simple benefits such as diversification. It allows the farmer to better mitigate his risk, potentially make more money and at the same time reduce his emission of greenhouse gases.

Unlike monoculture, a Rice+Fish co-culture program can be highly viable, environmentally friendly and low-cost. It also provide the rural farming communities a more complete diet (added carbohydrates and protein) from the same land - and by cleaning the nature that surrounds them, they can once again attract people to their idyllic country side – and maybe add tourism prospects to the region.

Snowy Mountains has access to experts in all the fields of rice planting, soil control, non-chemical farming and aquaculture. We can help develop optimal rice field co-culture models for large-scale farming applications as well as small, and propose the best technical methods needed to sustain a multiple revenue streams within a chemical free farming operation.

BE ENVIRONMENTALLY FRIENDLY

In order to have fish in the paddy, we need to avoid chemicals. We use our own non-chemical inputs, which are able to outperform chemicals in rice monocultures. The rice we help produce will be of very high in quality and contain no poisons like Arsenic , Cadmium or Mercury.



DEFEAT THE PEST

In our Rice+Fish co-culture system, we use carp, tilapia fish, and/or a mix thereof, because they have a double function as integrated pest controllers against many insects and weeds, but also against the most dreaded Golden Apple Snail, which can destroy entire paddy fields overnight.



ACHIEVE MUCH HIGHER YIELDS

Many farmers worry about a drop in rice yields by moving away from chemicals and into Rice+Fish co-culture, but in reality this is not what happens. Actually, for smaller farmers there seems to be an increase of almost 10% in yields and larger farmers simply end up with a rice of much higher quality, warranting a much better price on the market .



BUILD ADDITIONAL REVENUE STREAMS

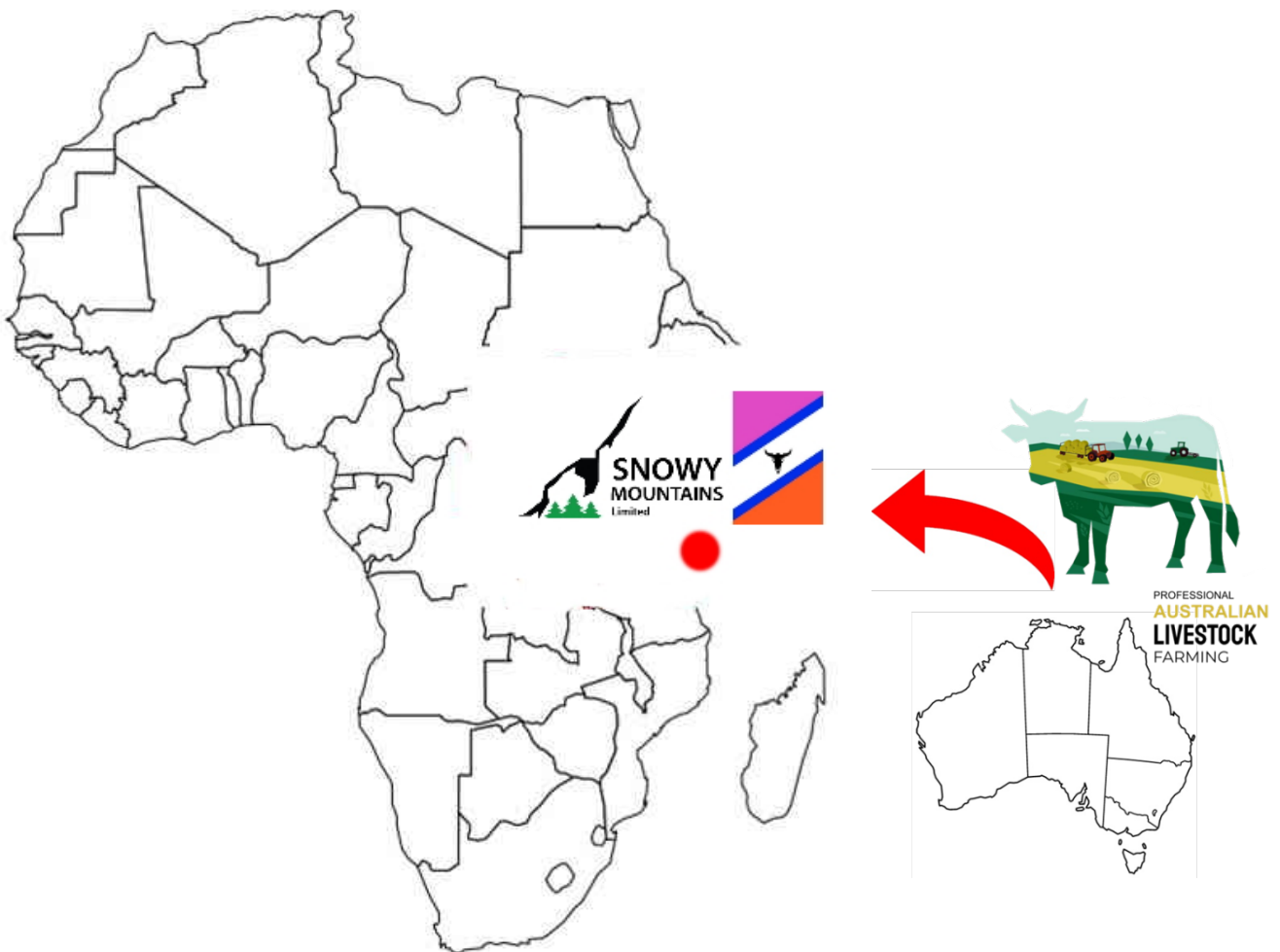
The addition of fish to the paddy fields makes for more work, but the results are undeniable as smaller farmers can now produce both carbohydrates and protein from the same land and for their own consumption (saving money and ensuring better nourishment), but it especially allows them to sell their added produce and start living better with a 2nd revenue stream.



AFRICA: Impact Project(s)

MODERNIZING THE LIVESTOCK EXPORT INDUSTRY OF TANZANIA

We believe we can tackle growing food security issues in Africa by producing foods across Africa – and we intend to do so by developing projects based on our own special blend of Australian know-how, experience and technology. Our project will aim at modernizing existing agricultural landscapes in Africa, focus on repairing their supply chains by increasing automation as well as the economy of scale> This will produce better products and higher yields in African countries where quality products and yields seem to be far apart and very hard to come by.



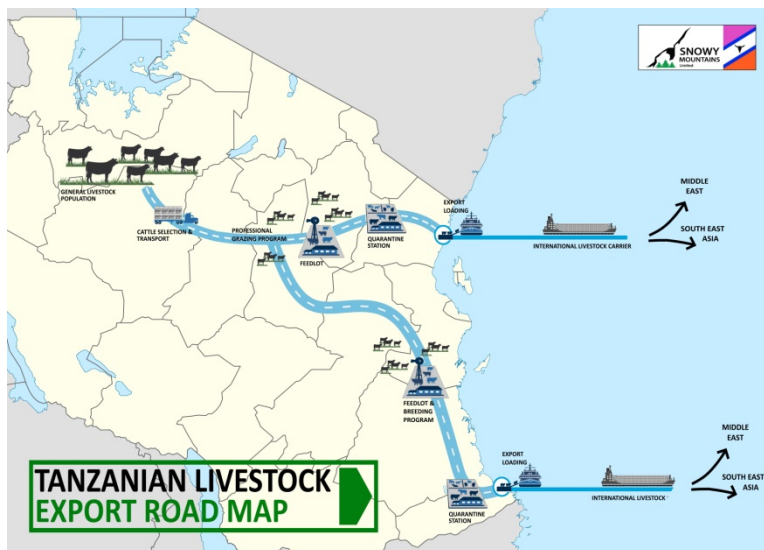
Countries recognized as the poorest and hungriest in the world are still those with the least agricultural investment. There is a monumental task ahead - and those investing in food will have a crucial role to play, because

850 million people in the world are still undernourished (present date) and this is a number that is quickly rising because of skyrocketing populations in the poorest parts of the world where food is most needed.

TANZANIAN LIVESTOCK PROJECT

A VERTICALLY INTEGRATED LIVESTOCK & MEAT PRODUCTION PROJECT IN TANZANIA - INITIATED BY AN ONSITE SHARE FARMING OPERATION AND LARGE SCALE EXPORT FOCUS.

In 2023, we are starting the development of a new and modern outlook for the livestock industry in Tanzania. We will build an entire livestock supply chain from scratch, which will rival that of other modern livestock exporters around the world. In short - it is our intention to build a mini-Australia closer to the Middle East, so as to be able to produce quality animals and meats more cost-effectively, than it currently can be done in Australia.



Tanzania's beef industry is primitive and seriously under-developed, which represents a great opportunity for any farmer or investor understanding the livestock industry.

We will bring Australian livestock experience and 'know-how' to Tanzania in order to build a state-of-the-art, 100% fully integrated, Australian farming operation primarily to service the Middle East - as well as preparing for one of the fastest growing domestic meat markets in the world.

Tanzania has the 2nd largest livestock population in Africa, with an estimate 40 million heads of cattle; but it also has no military conflict, no terrorism issues, no water

problems and an abundance of prime farm land to produce the best animal feed possible as well as the best livestock. Tanzania can export livestock directly just like Somalia, but Tanzania is particularly suited to produce much better quality. Tanzania lacks a great deal of infrastructure and modern livestock expertise - which is something we will provide - but once the project is in place Tanzania will be a serious contender as it provides more security and stability for the entire animal trade between Africa and the Middle East.

Our Tanzanian livestock operation will center on buying, fattening and selling livestock, but it shall also market animal meats, quality animal feeds as well as forages for the fast

growing livestock and dairy industries - as well as grains for the millers and commodity markets.

We will also develop an extensive cattle breeding program and build a professional quarantine station so we can prepare Tanzania's infrastructure for exports. The main focus is to develop an internationally recognizable Tanzanian 'brand' able to compete not only with Kenya - but also with South Africa and others...

With the right plan, Government backing and expertise Tanzania's livestock and meat industry could be transformed into a regional game changer.

GRAIN COMMODITIES

We will sell maize, sorghum, soybean and other crops on the commodity markets in Africa, as well as directly to major international commodity resellers around the world. The African commodity markets are strong and relatively reliable as there is a constant need for food.



FORAGE & ANIMAL FEEDS

As we produce quality animal feeds to feed our own cattle, we will commercialize our feeds at the same time. There are no quality crops available for the animal feed production in Tanzania and that is rapidly generating a fast growing need for locally produced quality feeds.



LIVE ANIMAL EXPORTS

Tanzania has 40 million heads of cattle, 59 million goats and about 33 million sheep. Yet, in Tanzania there are almost no large livestock companies exploiting these resources professionally. Somalia should be a very good indicator for what Tanzania could achieve – hence with a little preparation Tanzania could do much better than Somalia.



MEAT PRODUCTS

Tanzanians eat a lot of meat, but generally it is low quality... While there is a growing market for quality meat in Tanzania, prices are still low - but the Middle East is a big buyer of quality meat and they will be our prime market. However, for our price competitive quality meat products we want to be able to export worldwide.





Brian McDonald
CEO / UK

James Maclaurin
Director / UK

Nehemiah Mchechu
Chairman/ Tanzania

Tim Hart
Business Advisor / AUS

Santi
CEO / Thailand

Bruce Campbell
Operations Director / AUS

OUR TEAM

Snowy Mountains Limited is build around a core of highly professional Australian farmers with long standing expertise in the livestock industry, sustainable broad-acre farming, animal feeds, animal nutrition, regenerative agriculture, livestock management, professional feedlot operations as well as cattle breeding. For a number of years we have primarily been focusing our attention on Africa where we are increasingly in the position of being able to finally develop our own FOOD SECURITY project(s) for Africa - rather than just doing consultancy. It is our serious intention to bring to Tanzania a proven team of Australian experts to ensure the standard and perfect handling of all our operations, as well as being able to guarantee our investors long term viability and accountability of all our projects there. We already have a lot of experience in Africa – due to our on the ground consultancy - hence we already have a large part of our operational effective readily based in Tanzania, Somalia and Kenya.



and many more...



