

agchem 
formulating for tomorrow



A brief history

Ag-Chem was founded by the original shareholders during May of 1998. The company was registered two months later and the first products manufactured during September of the same year.

The aim of Ag-Chem has always been to develop and manufacture high-value niche products for the agricultural sector. The ability to develop these in-house products to service specific needs has served the company well over the past number of years. Developing products for high-value export crops has helped buffer the company against the adverse effects of unpredictable climatic conditions in Southern Africa.

As the company has developed, the product range and markets have expanded and diversified into many other crops and regions of the agricultural sector. Ag-Chem has grown at an average rate of 25% per year and this is expected to continue for the foreseeable future. The heavy emphasis on product development, technical support and new market development should maintain this high growth rate.

Mission statement

Ag-Chem is committed to maintain and develop its leading role in formulating and manufacturing innovative agro-chemical products of consistent high quality for the local and international markets. In doing so, they employ the latest technological advances - with due regard to environmental safety - to ensure that value is added to their products and the businesses of their clients. Their business ethic centres on honesty, transparency, and an ability to adapt to the ongoing changes in their clients' needs.

Ag-Chem Group of Companies

Ag-Chem Manufacturing

The company profile has changed since its initial inception. Today Ag-Chem Manufacturing is the group's holding company, with interests and shareholding in a number of other companies.

Ag-Chem Africa

The formulation, manufacturing and marketing arm of all the agricultural remedies. This company is responsible for the largest portion of the group's turnover.

Ag-Chem Investment Holdings

This property holding company owns all the property required for the manufacturing processes. It also holds significant shares in the properties used for the storage of finished goods throughout South Africa.

Introlab

Introlab is a chemical trading company that sources raw materials for the group's manufacturing processes world-wide. It represents numerous agencies in South Africa, and trades non-core and other diversified products into Southern Africa.

Absolute Science

Absolute Science is an independent analytical laboratory with the ability to do residue analysis and 5-batch analyses. The laboratory is ISO accredited and in the process of a GLP accreditation. It is used by a number of agricultural companies throughout the region for independent analytical services. Absolute Science is also responsible for the quality control of Ag-Chem's manufacturing facilities.

Kelp Industries

This kelp harvesting and pre-processing company in the Southern Cape supplies all the raw kelp material used in the production of Ag-Chem's seaweed-based products.

Product development

Ag-Chem invests considerable time and energy in product development. The innovative development team makes the company attractive to suppliers, distribution agents and toll manufacturers alike. In order to retain and expand this ability to develop and manufacture products, it will remain imperative for the company to identify and recruit dynamic and knowledgeable technical staff. The ability of these personnel to work in teams with diverse backgrounds has kept Ag-Chem ahead of its competitors.

With inputs from dedicated analytical, independent registration consultants and its in-house expertise, Ag-Chem has been able to streamline its product development to include all aspects of agricultural remedies, types of formulations and methods of manufacture.

Marketing strategy

Ag-Chem actively supports and services distribution networks on an exclusive basis. Marketing is aimed at supplying well-researched products to specific markets with a strong technical support back up.

South African client base

Ag-Chem's own branded products are marketed locally, exclusively to a well-trained range of dealerships covering all the geographical regions throughout South Africa. This enables progressive below-the-line marketing directly to the agent. Exclusivity creates a positive environment for dealers to take ownership of products, assisted by a marketing team providing a comprehensive back-up service, which includes product training and maximum market visibility.

Ag-Chem's unique and versatile manufacturing facility enables the company to toll formulate products for a range of chemical distributors. This client base includes local as well as international companies in agriculture and related fields of business.

International marketing

Although a relatively young concern, Ag-Chem's products are already established in Africa, Europe, the Middle East and South America. Ag-Chem has close ties with leading multi-national companies and markets products abroad through joint ventures. The company is committed to excellent service to a range of markets, including assistance in obtaining local registrations, marketing and training.

Technical expertise

Ag-Chem has within the company a wealth of technical expertise to actively support all the products developed. A large portion of product formulation and development is conducted in-house.

Researchers at universities and research institutions also perform independent research and development on contract for the company. The technical team is in constant contact with the South African Department of Agriculture to ensure products being developed meets government approval, are environmentally safe and fits into an established integrated crop protection programme.

Manufacturing facilities

Ag-Chem prides itself on its state of the art manufacturing facility. The production staff is dedicated to producing formulations of consistent high quality. The right packaging and labeling are also important and adapted to clients' needs. The production unit is extremely flexible and can easily accommodate the manufacture of specialized products as required by distributors. In an environment of increasing awareness to environmental matters, Ag-Chem is able to match the most stringent quality and safety requirements demanded by both its customers and the public. This facility is constantly being upgraded so that it may remain competitive within the markets it serves.

Over the years Ag-Chem has developed the expertise and acquired the capacity to manufacture a number of different formulation types. These include suspension and emulsifiable concentrates, soluble liquids and all forms of granulation, including water-dispersible and soluble granules. This will continue and as new manufacturing techniques and formulations become available Ag-Chem will develop the necessary infrastructure to keep up with new trends.

Ag-Chem manufactures a range of diverse products for its own distribution channels or as toll formulations to other companies servicing the local and international markets. The product list is reflected on the reverse.



Product Ranges

Suspension Concentrates

Voema Calmag + TE	Liquid 10:0:1 (15) + Ca, Mg and micro elements
Voema Starter NT	NPK suspension + cytokinins and auxins
Voema Vegetative NT	NPK suspension + cytokinins and auxins
Voema Flower & Fruit NT	NPK suspension + cytokinins and auxins
Calcium SC Plus	400 g/l Ca in suspension concentrate
Manganese SC	425 g/l Mn in suspension concentrate
Zinc SC	700 g/l Zn in suspension concentrate
Quatro range	Exclusive Terason range

Crystalline Foliar

Easygro Starter	2:1:2 (43) + micro elements
Easygro Vegetative	6:1:3 (44) + micro elements
Easygro Flower & Fruit	3:1:6 (46) + micro elements
Easygro Calmag + TE	14:0:1 (15) + Ca, Mg and micro elements
Easycrop	5:10:2 (26) + micro elements

Hydroponic Products

Ultra Cucumber	3:1:8 (43) + Mg, S and micro elements
Ultra Flower	2:1:5 (41) + Mg, S and micro elements
Ultra Strawberry	5:2:14 (41) + Mg, S and micro elements
Ultra Tomato	2:1:8 (45) + Mg, S and micro elements

Kelp Products

Maxi-Root	2:3:0 (10) + micro elements in a kelp base
Ecklomag OTR	Kelp suspension concentrate

Water Soluble Fertilizer

Ag-Foliar Flo 3:2:1 (19)	Liquid 3:2:1 (24) (w/v) + S and micro elements
Liquid Boron	130 g/l B in a solution
Mo-Flo	68 g/l Mo in a solution as a seed treatment
Moly Pack	390 g/kg Mo
Only-K	200 g/l K in a solution
PeaK	MKP
Ultra K	KNO ₃
Ultra Mag	Magnesium nitrate
Ultra Cal	Calcium nitrate
Ultra Bor	170 g/kg polyborate

Chelated Micro Elements - Liquid

Gluco-Calcium	100 g/l Ca + K, B, amino acids and auxins
Gluco-Calmag + B	76 g/l Ca; 16 g/l Mg + B and amino acids
Gluco-K	230 g/l K + amino acids
Gluco-Mag	65 g/l Mg + amino acids
Gluco-Zinc	144 g/l Zn + amino acids
Cal-Pro	84 g/l Ca (amino acid chelated)
Calmag-Pro	63 g/l Ca; 21 g/l Mg (amino acid chelated)
Combi-Pro	Zn, Fe, Cu, Mn (amino acid chelated) + B and Mo
Cop-Pro	106 g/l Cu (amino acid chelated)
Iron-Pro	74 g/l Fe (amino acid chelated)
Mag-Pro	56 g/l Mg (amino acid chelated)
Man-Pro	109 g/l Mn (amino acid chelated)
Zinc-Pro	142 g/l Zn (amino acid chelated)
ZMC-Pro	Zn, Mn, Cu (amino acid chelated) + cytokinins, auxins
Carbology Range	Exclusive Terason range

Chelated Micro Elements - Crystalline

Bozinman	Zn, Mn (EDTA chelated) + B
Multifix	Fe, Mn, Cu, Zn (EDTA chelated) + Mg, S, B and Mo

Cu 15% EDTA Chelate	15% Cu EDTA Chelate
Fe 13% EDTA Chelate	13% Fe EDTA Chelate
Mn 13% EDTA Chelate	13% Mn EDTA Chelate
Zinc 15% EDTA Chelate	15% Zinc EDTA Chelate
Joe-Mix	Zn, Fe, Mn, Mo + B

Adjuvants

Aqua-Right 3	Buffer (pH 3), wetter/spreader, humectant and sequestering agent
Aqua-Right 5	Buffer (pH 5), wetter/spreader, humectant and sequestering agent
Aqua-Right 7	Buffer (pH 7), wetter/spreader, humectant and sequestering agent
Aqua-Stic	Sticker and spreader for use with insecticides and fungicides
Aqua-Wet	Wetting agent; improves sticking ability
Power-Up	Liquid ammonium sulphate for use with glyphosate and sulfosate herbicides
Tenderbuff	Buffer and acidifier
Supawett	A non-ionic wetter, spreader and penetrant
ZAP	Modified vegetable oil; penetrator/spreader for use with sulfonyl urea herbicides

General

Bubble Buster	A silicone emulsion to reduce foam
Clean Out	A cleansing agent for spray tanks and equipment
Hi-Lite	A spray indicator, available in blue, black, white, green and red.

Fungicides

Copflo Super	320 g/l Basic copper sulphate, SC
Copper Clear	686 g/l Copper ammonium acetate, SL
Copstar 120 SC	180 g/l Copper hydroxide, SC
Fighter	350 g/l Potassium phosphite, SL
Ag-Phos	400 g/l Potassium phosphite, SL
Mancozeb 800 WP	800 g/kg Mancozeb, WP
Pakua 450 EC	450 g/l Prochloraz, EC
Sulfostar	800 g/l Sulphur, SC
Thor 500 WP	500 g/kg Captan, WP
Ag-Thiram 800 WP	800 g/kg Thiram

Insecticides

Ag-Tap 500 SP	500 g/kg Cartap hydrochloride, SP
Demicide 250 EC	250 g/l Demeton-S-methyl, EC
Deus 400 EC	400 g/l Dimethoate, EC
Moer-Tu	5 g/kg Methiocarb; 10 g/kg Metaldehyde, snailbait
Snailspray	120 g/l Metaldehyde; 80 g/l Carbaryl

Herbicides

Ag-Fume	510 g/l Metam-sodium, GE
Bentazone 480 SL	480 g/l Bendioxide, SL
Ag-Diuron 800 SC	800 g/l Diuron, SC
Herbi-Thal 480 SC	480 g/l Chlorthal-dimethyl, SC
Ag-Metribuzin 480 SC	480 g/l Metribuzin, SC
Muscle-Up 500 SG	500 g/kg Glyphosate, SG
Muscle-Up 360 SL	360 g/l Glyphosate, SL
Shinquat 200 SL	200 g/l Paraquat, SL
Weed-Off	200 g/l Bendioxide + 200 g/l Atrazine

Sanitizer

Agrine	50 000 mg/l Chlorine dioxide
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