

# AGRICULTURAL PRODUCTS GUIDE 2019/2020



**SIPCAM AGRO**  
USA, INC.

## HONEST ANSWERS. BETTER CHOICES. BIGGER YIELDS.

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Hard work has never stopped you. When you have to put your back into something, you do. Whether it's 10 degrees below or breaking 100, you keep going. You're not afraid to get your hands dirty. You do whatever it takes to get the job done—pouring your blood, sweat and tears into the job you love—for the profession you love.

We're Sipcam Agro USA, and we're right there with you. For more than three decades, we've provided American farmers with crop protection solutions to make your job easier and your crops healthier.

Our goals have always been the same as yours. Honest answers. Better choices. Bigger yields. We start in the lab, focus on technology, and share our knowledge with you. Every one of our fungicides, herbicides, and value-added solutions in this catalog—such as biostimulants and plant nutrients—were developed and introduced with your goals in mind. Each one is designed to grow your business and bottom line.

Just as important, with every purchase, you can count on Sipcam— with guidance, advice and recommendations. You work hard, so we'll work hard for you. That's our promise.

**YOU NEVER QUIT. NEITHER DO WE.**

## ANDIAMO® 230

Active ingredient: Tetraconazole

- » **Highly effective** and crop-safe Triazole
- » **Excellent choice** for frog eye leaf spot and white mold in soybeans; scab in pecans; rust in corn
- » **Highly compatible** with other fungicides
- » **Easy to mix** in low volume of water
- » **Provides** both preventative and curative activity

## ARIUS™ 250

Active ingredient: Azoxystrobin

- » **Systemic fungicide** offering long-lasting, broad-spectrum control of yield-robbing diseases
- » **Great** tank mixture partner for a number of fungicides
- » **Application** flexibility
- » **Registered** for use on a wide range of crops

## ARIUS™ ADV

Active ingredients: Chlorothalonil, Azoxystrobin

- » **Excellent** choice for frog eye leaf spot and white mold in soybeans
- » **Ideal** fungicide for managing strobilurin resistance in soybeans
- » **Highly effective** against leaf spot, white mold in peanuts
- » **Offers** broad-spectrum disease control
- » **Provides** multi-site mode of action
- » **Featured** in UGA Peanut Production Guide

## BRIXEN™ NEW

Active ingredients: Tetraconazole, Azoxystrobin

- » **Preventative** and curative fungicide with systemic properties
- » **Broad spectrum** control
- » **Features** two active ingredients with different modes of action for excellent resistance management

## CONTANS® WG

Active ingredient: Coniothyrium minitans

- » **Controls** Sclerotinia diseases such as white mold and stem rot in soybeans, dry beans, lettuce, carrots and other crops
- » **Unique fungicide** that breaks the disease cycle by attacking disease organisms in the soil, before they attack plants
- » **Promotes** increased yield by reducing the source of the disease
- » **Applied** to the soil—pre-plant, at planting, after cultivation or post-harvest—with traditional spray equipment or irrigation
- » **Can be tank mixed** with many preemergence herbicides and Glyphosate
- » **Fits both** conventional and organic production, OMRI Listed®

## ECHO® 720, ECHO® 90DF

Active ingredient: Chlorothalonil

- » **Proven**, weatherproof, contact fungicides that protect most agricultural crops including corn, beans, carrots, cucurbits, potatoes and others, as well as fruits, nuts and conifers from a broad spectrum of disease pathogens
- » **Controls** soybean rust, Alternaria spp., Cercospora spp., leaf spot, anthracnose, Helminthosporium leaf blights, downy mildew, and other diseases
- » **No resistance** found or documented
- » **Ideal** for use with other fungicides to manage resistance and expand disease control spectrum

## MAZINGA® ADV

Active ingredients: Tetraconazole, Chlorothalonil

- » **Proven** premix of tetraconazole and chlorothalonil, providing both systemic and contact fungicides
- » **Provides** leaf spot control in peanuts
- » **Excellent** rainfast disease prevention and control
- » **Offers** efficacy and selectivity in soybeans, as well as preventative and curative action
- » **Excellent** resistance management tool
- » **Easy to mix** in low volumes of water
- » **Featured** in UGA Peanut Production Guide

## MINERVA®

Active ingredient: Tetraconazole

- » **Systemic** sugar beet fungicide for the control of Cercospora leaf spot, powdery mildew and ramularia; provides three-to-four day systemic curative activity
- » **Preferred** choice for first foliar fungicide spray
- » **Provides** excellent disease protection by allowing a portion of the fungicide to translocate through the plant, while the remainder pools in the sugar beet crown, where it continues to be absorbed and redistributed for weeks
- » **Excellent** tank mix partner

## MINERVA® DUO

Active ingredients: Tetraconazole, Triphenyltin hydroxide

- » **Two** proven fungicides combined to deliver excellent disease control in sugar beets and pecans
- » **Unique** formulation for resistance management
- » **Versatile** pre-mix combining multi-site mode of action of Triphenyltin and systemic action of Tetraconazole delivers both preventative and curative activity
- » **Controls** Cercospora leaf spot and powdery mildew in sugar beets, scab and downy spot in pecans

## MIRAMAR™ NEW

Active ingredient: Thiophanate Methyl

- » **Easy-to-handle** formula, mixes easily with many products for optimum disease control
- » **Versatile** resistance management tool, exceptional tank-mix option
- » **Protects** new growth from disease development

## MUSCLE® ADV

Active ingredients: Tebuconazole, Chlorothalonil

- » **Evolution** of two proven fungicides delivers excellent disease control in peanuts, soybeans and cucurbits
- » **Versatile** pre-mix combining multi-site mode of action of Chlorothalonil and systemic action of Tebuconazole delivers both preventive and curative activity
- » **A complete** peanut fungicide with the broadest spectrum of protection against all major foliar and soil-borne diseases, including early and late leaf spot, rust, white mold, southern blight, Rhizoctonia and others
- » **Delivers** preventive control of rust, anthracnose, diaporthe pod and stem blight, frog eye leaf spot, Cercospora leaf blight and others in soybeans
- » **Controls** powdery mildew in cucurbit crops including cantaloupe, cucumber, watermelon, pumpkin and others
- » **Reduces** risk of resistance, protects yield

## SPINNAKER™ NEW

Active ingredient: Copper Hydroxide

- » **Proven** control of a wide range of bacterial diseases and fungal pathogens
- » **Outstanding** dry flowable formulation for easy handling, mixing and use along with most insecticides, fungicides and foliar nutrients
- » **Superior** coverage and rainfastness
- » **Low risk** for resistance

## ATRAZINE 4L FLOWABLE HERBICIDE, ATRAZINE 90DF HERBICIDE

Active ingredient: Atrazine

- » **Provides** season-long control of annual grasses and broadleaf weeds in corn, sorghum and other crops
- » **Can be applied** before or after weeds emerge
- » **Tank mix** compatible with a wide variety of other herbicides as well as fluid fertilizers
- » **Available** in flowable or dry flowable formulation

## CARAVEL<sup>®</sup> **NEW**

Active ingredient: Clomazone

- » **Powerful** weed control combined with high crop safety standards
- » **Excellent** herbicide with residual activity for use on rice & tobacco
- » **Controls** annual grasses and broadleaf weeds before they emerge
- » **Microencapsulate** formulation
- » **Application** from pre-plant to early post emergence

## QUARTZ<sup>™</sup> HERBICIDE **NEW**

Active ingredient: Mesotrione

- » **Excellent** contact and residual control of difficult broadleaf weeds in corn, sorghum and other labeled crops
- » **Convenient** formulation allows for flexible application timing
- » **Outstanding** crop safety

## SIM-TROL<sup>®</sup> 4L FLOWABLE HERBICIDE, SIM-TROL<sup>®</sup> 90 DF HERBICIDE

Active ingredient: Simazine

- » **Provides** preemergence control of most annual grasses and broadleaf weeds in corn, sugar cane, sorghum, fruits, nuts, Christmas trees and other crops
- » **Excellent** for control of winter annual weeds
- » **Tank mix** compatible with a wide variety of other herbicides as well as fluid fertilizers
- » **Available** in flowable or dry flowable formulation

## STALWART<sup>®</sup> C

Active ingredient: Metolachlor plus safener

- » **Metolachlor** weed control with proven safener in an emulsifiable concentrate formulation
- » **Provides** preemergence control of annual grasses and small-seeded broadleaf weeds in all types of corn
- » **Can be applied** before or after planting, but before weeds emerge, in all tillage systems
- » **Ideal** for use with Roundup Ready<sup>®</sup> crops
- » **Labeled** for fall application
- » **Suitable** for tank mixing with fluid fertilizers and other herbicides
- » **Registered** for post-emergence application on soybeans

## STALWART<sup>®</sup> 2W **NEW**

Active ingredient: Metolachlor, Mesotrione plus safener

- » **Two** active ingredients provide long-lasting weed control
- » **Application flexibility**—can be applied pre- or postemergence
- » **Ideal** tank mix partner for resistance management issues including glyphosate resistance
- » **Excellent** solution for areas where Atrazine use is limited

## STALWART<sup>®</sup> 3W **NEW**

Active ingredient: Metolachlor, Mesotrione, Atrazine plus safener

- » **One-pass**, season-long control of difficult weeds
- » **Features** three highly effective active ingredients
- » **Flexible** solution featuring extended application window

## STALWART<sup>®</sup> MTZ

Active ingredients: Metolachlor, Metribuzin

- » **Pre-mix** contains two proven chemistries in balanced amounts for easy, early application to potatoes and soybeans, both conventional and Roundup Ready<sup>®</sup>
- » **Valuable** weed control solution attacks the most difficult yield-robbing weeds as they germinate
- » **Goes to work** during critical early-season window to control resistant weeds like waterhemp and pigweed
- » **Provides** excellent control of many broadleaf weeds and grasses, including those resistant to Glyphosate, PPO and ALS herbicides
- » **Provides** extended residual activity and broadens postapplication window, allowing more flexibility for second herbicide application

## STALWART<sup>®</sup> XTRA

Active ingredients: Metolachlor, Atrazine plus safener

- » **A safened** pre-mix flowable containing 2.4 lbs. metolachlor plus 3.1 lbs. atrazine per gallon
- » **Provides** extended broad-spectrum residual control of annual grasses and small-seeded broadleaf weeds in all types of corn
- » **Can be applied** before or after planting, but before weeds emerge, in all tillage systems
- » **Ideal** preemergent for Roundup Ready<sup>®</sup> crops
- » **Suitable** for tank mixing with fluid fertilizers and other herbicides

## WHISTLE<sup>™</sup> **NEW**

Active ingredient: Metolachlor, Sulfentrazone

- » **Broad-spectrum** herbicide for control of most annual grasses and broadleaf weeds in soybeans
- » **Flexible** application timing; apply as fall treatment, pre-plant surface-applied, pre-plant incorporated, or pre-emergence treatment up to three days after planting
- » **Combines** multiple effective sites of action against tough and resistant weeds including waterhemp and Amaranthus species

## BACCARAT®

Active ingredient: Concentrated Humic Substances

- » **Supplements** plants with the essential organic acids needed for optimum growth and production
- » **Highly concentrated** humic substance derived from non-chemical extraction process
- » **Supports** plant growth and shoot growth
- » **High performance** with low use rates
- » **Acidic pH formulation** allows tank mix capabilities with fertilizers and pesticides

## COCOON®

Active ingredient: Water-washed Kaolin

- » **Exceptional-grade** active ingredient forms a bright white reflective barrier
- » **Reduces** heat stress and sun damage by depositing a protective barrier on crops
- » **Designed** for application prior to high temperatures
- » **Easy-to-use**, non-abrasive formula can be mixed with a surfactant for optimum coverage and adhesion
- » **Fits** both conventional and organic production, OMRI Listed®

## LIQUID K-EXPRESS®

Active ingredient: Potassium Carbonate

- » **Highly** available potassium nutrient
- » **Accelerates** maturity process
- » **Regulates** many plant functions including cell wall thickness and water concentration
- » **Improves** fruit size and development
- » **Enhances** sugar concentration

## NUTEX™ EDA

Active ingredient: Chelated Zinc

- » **Enzyme** Driven Activity
- » **Enhanced** germination and root growth
- » **Supports** plant nutrient uptake efficiency
- » **Supports** chlorophyll production and green up
- » **Increases** crop quality and yield

## ODOR HUNTER®

Active ingredient: Patented Odor Eliminator

- » **Patented** technology attacks odor molecules at source
- » **Quickly** eliminates a long list of odors
- » **Not a masking agent** or enzymatic product
- » **Easy-to-use** spray for professional use
- » **Available** in concentrate or ready-to-use formulation

## POTENTE®

Active ingredient: Vegetable Derived Amino Acids

- » **Provides** additional nutrient support during plant's critical developmental stages
- » **Fast** and visible impact on plant health
- » **Improves** resistance and stress resilience
- » **Versatile** application opportunities and tank mix compatibility
- » **Strengthens** crop vitality

## REVERB™ NEW

Active ingredient: Chelated Manganese

- » **Enhances** nutrient uptake resulting in better germination and root growth
- » **Excellent** tank mix partner with fertilizers and pesticides
- » **Nutex** Formulation Technology
- » **Supports** optimum nutrient uptake efficiency

## PRODUCTS AT A GLANCE

### FUNGICIDES

<b>Andiamo® 230</b>	Tetraconazole	Micro-emulsion	2 x 2.5 gal. case
<b>Arius™ 250</b>	Azoxystrobin	Suspension concentrate	2 x 2.5 gal. case
<b>Arius™ ADV</b>	Chlorothalonil, Azoxystrobin	Suspension concentrate	2 x 2.5 gal. case
<b>Brixen™</b>	Tetraconazole, Azoxystrobin	Suspension concentrate	2 x 2.5 gal. case
<b>Contans®</b>	Coniothyrium minitans	Water dispersible granule	25-lb. bag
<b>Echo® 720</b>	Chlorothalonil	Flowable	2 x 2.5-gal. case, 260 gal. tote, bulk
<b>Echo® 90DF</b>	Chlorothalonil	Dry	25-lb. bag
<b>Mazinga® ADV</b>	Tetraconazole, Chlorothalonil	Suspo-emulsion	2 x 2.5 gal. case
<b>Minerva®</b>	Tetraconazole	Micro-emulsion	2 x 2.5 gal. case, 260 gal. tote
<b>Minerva® Duo</b>	Tetraconazole, Triphenyltin hydroxide	Suspension concentrate	2 x 2.5 gal. case, 260 gal. tote
<b>Miramar™</b>	Thiophanate Methyl	Suspension concentrate	2 x 2.5 gal. case
<b>Muscle® ADV</b>	Tebuconazole, Chlorothalonil	Flowable	2 x 2.5-gal. case
<b>Spinner™</b>	Copper Hydroxide	Dry flowable	25 lbs bags

### HERBICIDES

<b>Atrazine 4L Flowable Herbicide</b>	Atrazine	Liquid	2 x 2.5-gal. case
<b>Atrazine 90DF Herbicide</b>	Atrazine	Dry flowable	25-lb. bag
<b>Caravel®</b>	Clomazone	Micro-encapsulated suspension concentrate	2 x 2.5-gal. case
<b>Quartz™ Herbicide</b>	Mesotrione	Suspension concentrate	2 x 2.5 gal. case
<b>Sim-Trol® 4L Flowable Herbicide</b>	Simazine	Suspension concentrate	2 x 2.5-gal. case
<b>Sim-Trol® 90 DF Herbicide</b>	Simazine	Dry flowable	25-lb. bag
<b>Stalwart® C</b>	Metolachlor, Safener	Emulsifiable concentrate	2 x 2.5-gal. case, 260-gal. tote, bulk
<b>Stalwart® 2W</b>	Metolachlor, Mesotrione, Safener	Suspension concentrate	260-gal. tote
<b>Stalwart® 3W</b>	Metolachlor, Mesotrione, Atrazine, Safener	Suspension concentrate	260-gal. tote
<b>Stalwart® MTZ</b>	Metolachlor, Metribuzin	Pre-mix emulsifiable concentrate	2 x 2.5-gal. case, 260-gal. tote
<b>Stalwart® Xtra</b>	Metolachlor, Atrazine, Safener	Suspo-emulsion	2 x 2.5-gal. case, 260-gal. tote, bulk
<b>Whistle™</b>	Metolachlor, Sulfentrazone	Suspo-emulsion	2 x 2.5-gal. case

### VALUE ADDED PRODUCTS

<b>Baccarat®</b>	Concentrated Humic Substances	Concentrated suspension	2 x 2.5-gal. case, 260-gal. tote
<b>Cocoon®</b>	Water-washed Kaolin	Bright white hydrous	25-lb. bag
<b>Liquid K-Express®</b>	Potassium Carbonate	Soluble concentrate	2 x 2.5-gal. case, 260-gal. tote
<b>NuTex™ EDA</b>	Chelated Zinc	Soluble concentrate	2 x 2.5 gal. case, 275-gal. tote
<b>Odor Hunter® Concentrate</b>	Patented odor eliminator	Soluble concentrate	4 x 1-gal. case
<b>Odor Hunter® Ready-to-Use</b>	Patented odor eliminator	Liquid	12 x 1-qt. spray bottle case
<b>Potente®</b>	Amino Acids	Soluble concentrate	2 x 2.5-gal. case, 260-gal. tote
<b>Reverb™</b>	Chelated Manganese	Soluble concentrate	2 x 2.5 gal. case, 275-gal. tote



# GROWING WITH YOU.

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Now, the real work begins. And as you make the crop protection decisions that will impact the rest of the season, Sipcam will be your partner; readily available to provide the guidance and choices you'll need for a successful harvest. To reach your local Sipcam Agro USA representative, simply call 877-898-9514. And, for product information, labels and Safety Data Sheets (SDS) for the products in this catalog, visit [sipcamagrousa.com](http://sipcamagrousa.com).

For honest answers, better choices, and bigger yields,  
you can count on us.

**LET'S GET TO WORK.**

**[sipcamagrousa.com](http://sipcamagrousa.com)**  
**1-877-898-9514**

#### ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS

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