



SOLUTIONS THAT CULTIVATE GROWTH

BEST IN CLASS QUALITY. MORE INNOVATIVE VALUE.

SUPERIOR QUALITY

Top quality products, reliable partnerships and 'easy to do business' principles are at the center of HELM's culture and value system. Proven to perform, our best in class crop protection products help maximize yields with greater return on investment.

TESTED PERFORMANCE

HELM products are thoroughly evaluated and field tested to ensure superior performance and efficacy for optimal crop use and application. This includes testing for localized conditions and diversified farming practices.

GREATER VALUE

Our commitment is to innovate value for our customer. We listen and work together to create high performing solutions to grow your business. Plus, we deliver with an elevated level of service known to exceed expectations.

HELM FACTS

- Global headquarters in Hamburg Germany
- Family-owned with 118-year history
- Global research and formulation expertise
- 100 subsidiaries in 30 countries
- 1,521 employees worldwide
- USA headquarter in Tampa, FL

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2019 PRODUCT PORTFOLIO



| HERBICIDES | Active / Group | Formulation | Equivalent | Application | Primary Crops |
|-------------------------------|---|-------------|---|--|--|
| ARGOS | Mesotrione (40.0%) 27 | SC | Callisto, Broadworks | Pre, Post | Almonds, asparagus, bluegrass, caneberries (bush), citrus, corn (field, seed, sweet, popcorn), cranberry, flax, oats, okra, pearl millet, rhubarb, ryegrass (seed), sorghum, stone fruit, sugarcane, tall fescue (seed), tree nuts |
| ARGOS ULTRA | Mesotrione (4.0%) 27 Metolachlor (45.0%) 15 | SE | Unique to HELM | Pre, Post | Corn (field, seed, sweet, popcorn), sorghum |
| Extreme | Glyphosate (22.0%) 9 Imazethapyr (1.80%) 2 | SL | Unique to HELM | Preplant, Pre, Early Post | Soybeans, Roundup Ready soybeans, Roundup Ready alfalfa, Clearfield corn |
| FEARLESS | Acetochlor (75.9%) 15 | EC | Harness | PPI, Pre, Early Post | Corn (field, seed, silage, sweet, popcorn) |
| FEARLESS XTRA | Acetochlor (46.3%) 15 Atrazine (18.3%) 5 | L | Harness Xtra | PPI, Pre, Early Post | Corn (field, seed, silage, sweet, popcorn) |
| FEARLESS XTRA 5.6L | Acetochlor (33.4%) 15 Atrazine (26.9%) 5 | L | Harness Xtra 5.6L | PPI, Pre, Early Post | Corn (field, seed, silage, sweet, popcorn) |
| HELMET | Metolachlor 15 (84.4% with Benoxacor safener) | EC | Parallel | Pre, Post | Corn (field, seed, silage, sweet, popcorn), cotton, peanuts, pod crops, potatoes, safflower, sorghum, soybeans |
| HELMET SPC | Metolachlor (86.4%) 15 | EC | Parallel PCS | Pre, Post | Cotton, peanuts, pod crops, potatoes, safflower, sorghum, soybeans, tomatoes |
| HELMQUAT 3SL | Paraquat (43.8%) 22 | SL | Gramoxone | Burndown, Pre, Post, Harvest Aid | Alfalfa, almonds, artichoke, asparagus, barley, berries (small), clover, corn (field, seed, sweet, popcorn), cotton, dry beans & peas, garlic, hops, melons, onions, passion fruit, pastures, peanuts, pineapple, potatoes, rice, safflower, sorghum, soybeans, strawberries, sugarbeets, sugarcane, sunflowers, tree crops, vegetables, vines, wheat |
| HELOSATE 5 | Glyphosate (liquid-50.2%) 9 | SL | Roundup | Burndown, Pre, Post | Alfalfa, berries (small), cereals, citrus, corn (field, seed, sweet, popcorn), cotton, forage grasses & legumes, fruits, rice, sorghum, soybeans, strawberries, sugarbeets, sugarcane, tree fruits, tree nuts, tropical crops, vegetables, vines |
| HELOSATE 75SG | Glyphosate (dry-75.7%) 9 | SG | Unique to HELM | | |
| HELOSATE PLUS ADVANCED | Glyphosate (liquid-41.0%) 9 | SL | Roundup | | |
| QUIZ | Quizalofop (10.3%) 1 | EC | Assure II | Preplant, Post | Barley, canola, chickpea, cotton, crambe, dry beans & peas, eucalyptus, flax, hybrid poplar, lentils, mint, pineapple, snap beans, soybeans, succulent peas, sugarbeets, sunflowers, vegetables (grown for seed) |
| RO-NEET | Cycloate (73.9%) 8 | EC | Unique to HELM | PPI | Spinach, sugarbeets, table beets |
| SULFENTRAZONE 4F | Sulfentrazone (39.6%) 14 | SC | Spartan 4F, Zeus | Pre | Apples, asparagus, berries (small), cabbage, chick peas, citrus, cowpeas, dry beans & peas, flax, grapes, horseradish, lima beans, mint, soybeans, strawberries, succulent beans & peas, sugarcane, sunflowers, tomatoes (trans), tobacco, tree nuts, turfgrass, vegetables (selective) |
| VERDURE-X | Diquat dibromide (37.3%) 22 | L | Reglone, Reward | Post | Aquatics & commercial areas, canola, clover (cover crop), greenhouses & nurseries, ornamental seed crops, potatoes, fruits (small), tree crops, vegetables (selective), vines |
| ZONE | Sulfentrazone (62.2%) 14 Chlorimuron (7.8%) 2 | DF | Authority XL | Pre | Soybeans |
| ZONE ASSIST | Sulfentrazone (33.33%) 14 Imazethapyr (6.67%) 2 | SC | Authority Assist | Pre | Peanuts, dry beans & peas, soybeans |
| ZONE ELITE | Sulfentrazone (7.55%) 14 Metolachlor (68.25%) 15 | OD | Authority Elite | Pre | Dry peas, soybeans |
| INSECTICIDES | Active / Group | Formulation | Equivalent | Application | Primary Crops |
| KENDO EC | Lambda-cyhalothrin (13.1%) 3A | EC | Karate*, Warrior* | In-furrow or surface applied at planting, Post | Alfalfa, almonds, canola, cereals, cole crops, corn (field, seed, sweet, popcorn), cotton, cucurbits, dry beans & peas, fruiting vegetables, garlic, grass forage (plus fodder & hay), legume vegetables, lettuce, onions (bulb), peanuts, pecans, pome fruits, potatoes & tuberous vegetables, rice, sorghum, soybeans, stone fruits, sugarcane, sunflowers, tobacco, tree nuts |
| KENDO 22.8 CS | Lambda-cyhalothrin (22.8%) 3A | CS | Karate with Zeon Technology, Warrior with Zeon Technology | | |
| FUNGICIDES | Active / Group | Formulation | Equivalent | Application | Primary Crops |
| HELMSTAR PLUS SC | Tebuconazole (22.0%) 3 Azoxystrobin (11.0%) 11 | SC | Unique to HELM | Post | Almonds, barley, corn (field, seed, sweet, popcorn), grapes, grasses (grown for seed), peanuts, pecans, soybeans, wheat (including Triticale) |

Always read and follow label directions. FEARLESS XTRA, FEARLESS XTRA 5.6L, GRAMOXONE, HARNESS XTRA, HARNESS XTRA 5.6L, HELMQUAT 3SL, KARATE WITH ZEON TECHNOLOGY, KENDO EC and WARRIOR WITH ZEON TECHNOLOGY ARE RESTRICTED USE PESTICIDES. Assure® is a trademark of Dupont. Authority®, Spartan® and Zeus® are trademarks of FMC. Harness®, Roundup® and Roundup Ready® are trademarks of Monsanto Technology LLC. Clearfield® is a trademarks of BASF. Parallel® is a trademark of ADAMA. Broadworks®, Callisto®, Gramoxone®, Karate with Zeon Technology®, Reglone®, Reward® and Warrior with Zeon Technology® are trademarks of Syngenta. Extreme®, Fearless®, Helmquat®, Helosate®, Kendo® and Ro-Neet® are trademarks of HELM Agro US, Inc. HELM® is a trademark of HELM AG. ©2019 HELM Agro US, Inc. Not all products are registered for sale or use in all states.

* Kendo EC is of "like type" to the original Karate EC and Warrior EC formulations.