

WE'RE FOR FARMERS.

CROP SOLUTIONS 2026



BEING A UFA MEMBER MEANS YOU COULD EARN PATRONAGE ON MANY PURCHASES YOU MAKE TO GROW HEALTHY CROPS.

THAT'S A PLUS.















Start strong and finish stronger.

Growing cereal crops is like doing a math equation: one misstep can negatively affect everything else. Think of UFA as your trusty calculator. As long as your inputs are right, you'll improve your chances of getting the output you're looking for, from pre-seed all the way through to post-harvest. Our lineup of herbicides, fungicides, seed treatments and nutrition products is tailored to Prairie growers. Each is proven to perform in our climate and defend against the weeds, disease and insects unique to our region. With your UFA CAM in your corner and a little help from this booklet, you'll have the confidence and knowledge to solve whatever equation gets thrown at you this year and beyond.



Scan the code to find out more at [UFA.com](https://www.ufa.com)

CEREAL SEED TREATMENTS

| TREATMENT TYPE | VENDOR NAME | BRAND | CONTAINER SIZE(S) | RATE (ML/100KG SEED) | RATE (BUSHELS/JUG) | | | ACTIVE INGREDIENT(S) | FUNGICIDE MODE OF ACTION | INSECTICIDE MODE OF ACTION | REGISTERED INSECT CONTROL | INSECT ACTIVITY | DISEASES CONTROLLED | | | | | | | | | | | | | | | |
|----------------------------------|--|-----------------------------------|-----------------------|----------------------------|--------------------|-------------------|-----------------|---|--------------------------------|----------------------------------|---------------------------------|--------------------|------------------------|-------------------------|-------------|-----------------|-------------|-------------|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|-------------------|----------|-------------|---|
| | | | | | WHEAT | BARLEY | OATS | | | | | | SEED ROT & DAMPING OFF | | | | | | | SEEDLING BLIGHT | | | COMMON ROOT ROT | | | OTHER | | |
| | | | | | | | | | | | | | Fusarium spp. | Cochliobolus sativus | Rhizoctonia | Pythium spp. | Penicillium | Aspergillus | Fusarium spp. | Pythium spp. | Cochliobolus sativus | Fusarium spp. | Pythium spp. | Cochliobolus sativus | Any Smut/ Bunt | Take All | Leaf Stripe | |
| FUNGICIDE |  BASF We create chemistry | Insure® Cereal FX4 | 9.8L, 120L, 450L | 300mL | 120 bu/9.8L jug | 150 bu/9.8L jug | 212 bu/9.8L jug | Pyraclostrobin, Triticonazole, Fluxapyroxad, Metalaxyl | 3,4,7,11 | – | None | – | C | C | C | C | – | – | C | C | S | C | C | S | C | – | – | |
| |  | Raxil® PRO | 10L, 58.5L, 175.5L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Prothioconazole, Tebuconazole, Metalaxyl | 3,4 | – | Stress Shield® | – | C | S | S | S | S | C | C | C | C | – | – | S | C | – | C | |
| | | Raxil® Rise | 10L, 125L, 1000L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Prothioconazole, Tebuconazole, Metalaxyl, Penflufen | 3,4,7 | – | Stress Shield® | – | C | C | C | C | S | C | C | C | C | S | – | – | C | – | C | |
| |  | Straxan™ | 9.5L, 113.5L | 325mL | 107 bu/9.5L ug | 133 bu/9.5L ug | 200 bu/9.5L ug | Difenoconazole, Metalaxyl, Tebuconazole | 3,4 | – | Check Label | – | C | S | – | C | C | C | C | – | S | S | – | S | C | S | – | |
| |  | Zeltera® Cereals | 2 x 10L, 110L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Ethaboxam, Metalaxyl, Metconazole, Inpyrfluxam | 3,4,7,22 | – | – | – | C | – | C | C | – | – | C | C | – | C | C | S | C | – | – | |
| |  | Vibrance® Quattro | 10L, 115L, 450L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Difenoconazole, Metalaxyl–M, Sedaxane, Fludioxonil | 3,4,7,12 | – | Cruiser® 5FS | – | C | S | C | C | C | C | C | C | C | S | C | C | S | C | S | – |
| INSECTICIDE |  | Stress Shield® 600 | 27L, 100L | 17-50mL | 2,960 bu/27L jug | – | – | Imidacloprid | None | 4 | – | S | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| |  | Lumivia™ CPL | 4 x 3.5L, 52L drum | 40mL | 320 bu/3.5L jug | 400 bu/3.5L jug | 600 bu/3.5L jug | Chlorantraniliprole | None | 28 | – | C | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| |  | Cruiser® 5FS | 23.4L, 56.78L | 17-50mL | 2,566 bu/23.4 jug | 2,566 bu/23.4 jug | – | Thiamethoxam | None | 4 | – | S | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| FUNGICIDE PLUS INSECTICIDE |  BASF We create chemistry | Teraxxa® F4 | 9.8L, 120L, 450L | 300mL | 120 bu/9.8L jug | 150 bu/9.8L jug | 212 bu/9.8L jug | Broflaniliide, Pyraclostrobin, Triticonazole, Fluxapyroxad, Metalaxyl | 3,4,7,11 | 30 | – | C | C | C | C | C | – | – | C | C | S | C | C | S | C | – | – | |
| |  | Raxil® PRO SHIELD | 10L, 125L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Prothioconazole, Tebuconazole, Metalaxyl, Imidacloprid | 3,4 | 4 | – | S | C | C | C | S | S | C | C | C | C | – | – | S | C | – | C | |
| |  | INTEGO® SUITE Cereals OF | 2 x 10L, 110L | 339mL | 108 bu/10L | – | – | Clothianidin, Ethaboxam, Metalaxyl, Metconazole | 3,4,22 | 4 | – | S | C | – | C | C | – | – | – | C | – | – | C | S | C | – | – | |
| | | NipsIt® SUITE | 10L, 115L | 326mL | 113 bu/10L jug | – | – | Metalaxyl, Metconazole, Clothianidin | 3,4 | 4 | – | S | C | – | C | C | – | – | C | C | S | C | C | S | C | – | – | |
| |  | Cruiser® Vibrancer® Quattro | 10L, 115L, 450L | 325mL | 113 bu/10L jug | 141 bu/10L jug | 200 bu/10L jug | Difenoconazole, Metalaxyl–M, Sedaxane, Fludioxonil, Thiamethoxam | 3,4,7,12 | 4 | – | S | C | S | C | C | C | C | C | C | S | C | C | S | C | S | – | |

Always read and follow label directions. BASF Insure® Cereal FX4 and Teraxxa® F4 are registered trade-marks of BASF Canada Inc. Bayer Raxil® PRO, Raxil® Rise, Stress Shield® 600, and Raxil® PRO SHIELD are registered trade-marks of Bayer CropScience Inc. Corteva Straxan™ and Lumivia™ CPL are registered trade-marks of Corteva Agriscience. Nufarm Zeltera® Cereals, INTEGEO® SUITE Cereals OF, and NipsIt® SUITE are registered trade-marks of Valent USA LLC. Syngenta Vibrance Maxx RFC, Vibrance® Maxx, and Cruiser 5FS® are registered trade-marks of Syngenta Canada. Rancona Trio® is a registered trade-mark of UPL Limited.

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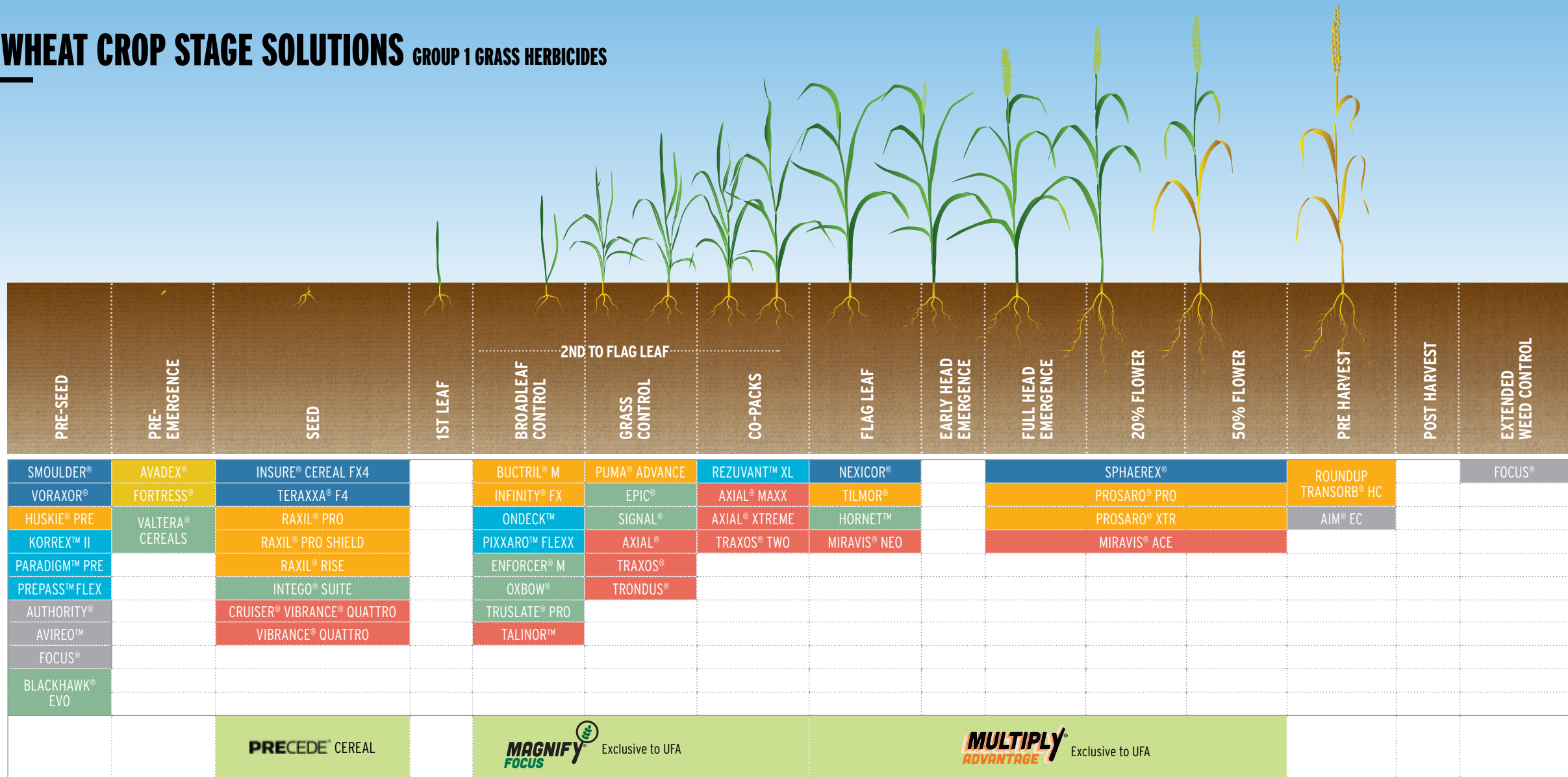
SUPPRESSION*

NOT REGISTERED

*Suppression means consistent control at a level that is not optimal, but is still of commercial benefit.

WHEAT CROP STAGE SOLUTIONS

GROUP 1 GRASS HERBICIDES



NOTES

WHEAT CROP STAGE SOLUTIONS

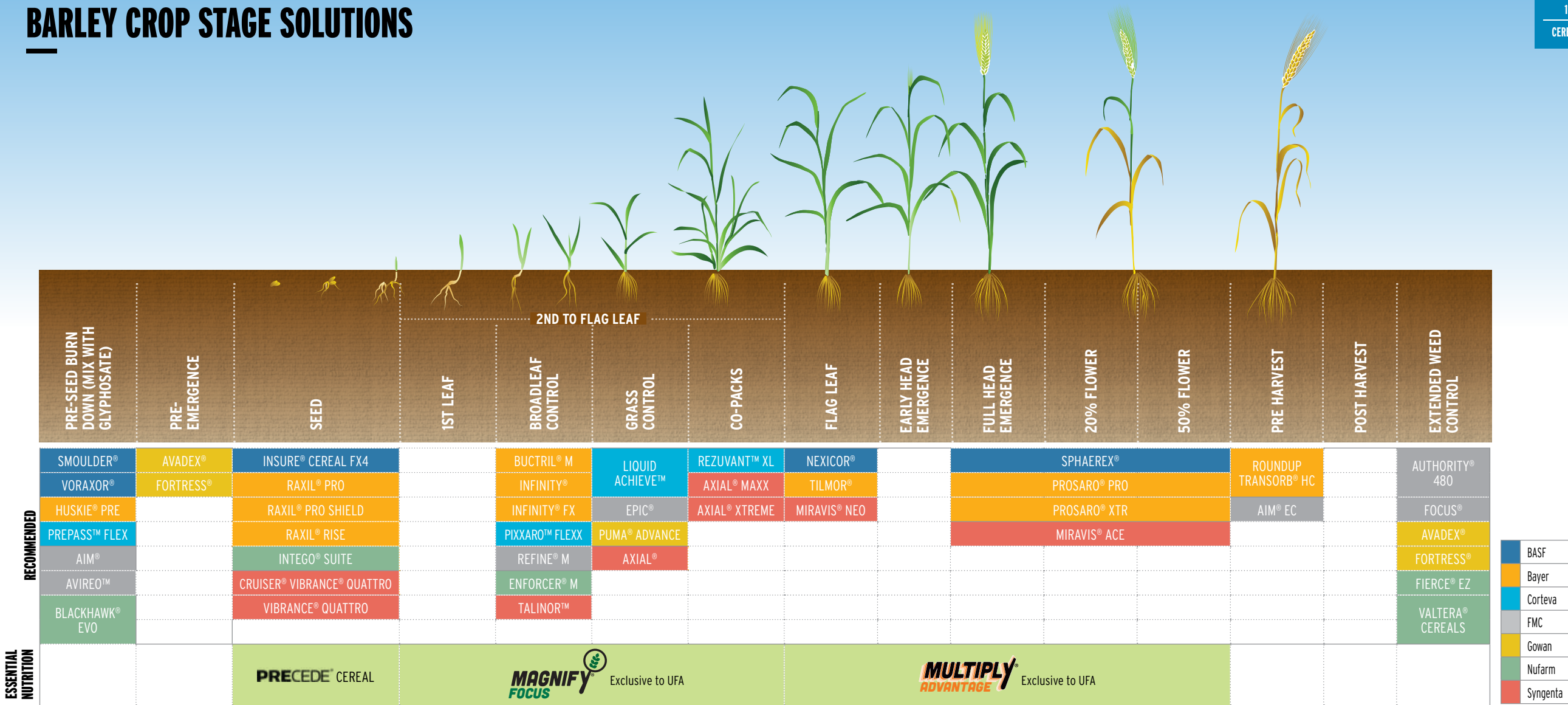
GROUP 2 GRASS HERBICIDES

| WHEAT CROP STAGE SOLUTIONS | | | | | | | | | | | | | | | GROUP 2 GRASS HERBICIDES | |
|----------------------------|------------------|----------------------------|----------|-------------------|------------------|-------------|------------------|-----------|------------------------|---------------------|------------|----------------------|-------------|--------------|--------------------------|--|
| | | | | | | | | | | | | | | | | |
| PRE-SEED | PRE-EMERGENCE | SEED | 1ST LEAF | BROADLEAF CONTROL | 2ND TO FLAG LEAF | | CO-PACKS | FLAG LEAF | EARLY HEAD EMERGENCE | FULL HEAD EMERGENCE | 20% FLOWER | 50% FLOWER | PRE HARVEST | POST HARVEST | EXTENDED WEED CONTROL | |
| SMOULDER® | AVADEX® | INSURE® CEREAL FX4 | | BUCTRIL® M | SIMPLICITY™ | VARRO® FX | NEXICOR® | | SPHAEREX® | | | ROUNDUP TRANSORB® HC | | FOCUS® | | |
| VORAXOR® | FORTRESS® | TERAXXA® F4 | | INFINITY FX | REATA® | VELOCITY M3 | TILMOR® | | PROSARO® PRO | | | | | | | |
| HUSKIE® PRE | VALTERA® CEREALS | RAXIL® RISE | | ONDECK™ | SIERRA® 3.0 | REXADE™ | HORNET® | | PROSARO® XTR | | | AIM® EC | | | | |
| KORREX™ II | | RAXIL® PRO | | PIXXARO™ FLEXX | | TANDEM™ | MIRAVIS® NEO | | MIRAVIS® ACE | | | | | | | |
| PARADIGM™ PRE | | RAXIL® PRO SHIELD | | REFINE® M | | | | | | | | | | | | |
| PREPASS™ FLEX | | INTEGO® SUITE | | OXBOW® | | | | | | | | | | | | |
| AIM® EC | | CRUISER® VIBRANCE® QUATTRO | | TRUSLATE® PRO | | | | | | | | | | | | |
| AVIREO™ | | VIBRANCE® QUATTRO | | TALINOR™ | | | | | | | | | | | | |
| FOCUS® | | | | | | | | | | | | | | | | |
| BLACKHAWK® EVO | | | | | | | | | | | | | | | | |
| | | PRECEDE® CEREAL | | MAGNIFY® FOCUS | | | Exclusive to UFA | | MULTIPLY® ADVANTAGE | | | Exclusive to UFA | | | | |

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| | BASF |
| | Bayer |
| | Corteva |
| | FMC |
| | Gowan |
| | Nufarm |
| | Syngenta |

NOTES

BARLEY CROP STAGE SOLUTIONS



NOTES








Power your pulses' potential.

If you're the type to keep a finger on your pulse crops' health throughout the year, you're going to want to read this guide. It's chock full of solutions hand-selected by agronomists to help your peas, lentils and chickpeas overcome early-season stress, improve nodulation and maximize nitrogen fixation. But the help from your local UFA doesn't stop there. Your trusted UFA CAM is also with you every step of the way. When you combine top-shelf crop inputs with customized expertise from people who know what they're talking about, you'll maximize your output and minimize your costs. Which will maximize your happiness and minimize your stress. Because after all, growing pulses shouldn't make your pulse spike.

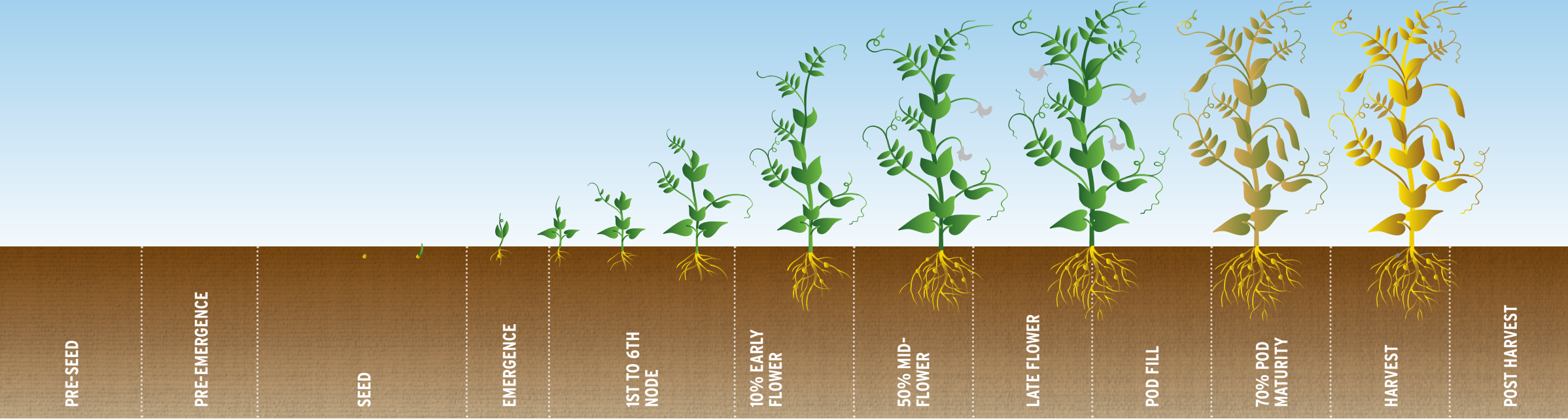
Scan the code to find out more at UFA.com



PULSE SEED TREATMENTS

| TREATMENT TYPE | VENDOR | BRAND | CONTAINER SIZE(S) | RATE (ML/100KG SEED) | RATE (BUSHELS/ JUG) | ACTIVE INGREDIENT(S) | FUNGICIDE MODE OF ACTION | INSECTICIDE MODE OF ACTION | REGISTERED INSECT CONTROL | INSECT ACTIVITY | | DISEASES CONTROLLED | | | | | | | |
|----------------------------|---|-------------------------|---|---|----------------------------|--|--------------------------|----------------------------|---------------------------|-----------------|-----------------|------------------------|-------------------------------|----------------------|--------------------|----------------------------|-------------------------------|----------------------|---------------------------------------|
| | | | | | | | | | | | | PEA DISEASES | | | | LENTIL & CHICKPEA DISEASES | | | |
| | | | | | | | | | | Wireworm | Pea Leaf Weevil | Seed & seedling blight | Pythium seed rot/ damping off | Seed-borne ascochyta | Aphanomyces (Peas) | Seed & seedling blight | Pythium seed rot/ damping off | Seed-borne ascochyta | Botrytis seed rot and seedling blight |
| FUNGICIDE |  | EverGol® Energy | 33.75L | 65mL | 1908 bu/drum | Metalaxyl, Penflufen, Prothioconazole | 3,4,7 | – | Stress Shield® 600 | – | – | C | C | C | – | C | C | C | C |
| | | Trilex® EverGol® | 1.5L + 0.96L or 6.49L + 4.15L | Trilex Jug A 25mL, Trilex Jug B 16mL | 221 bu/case or 954 bu/case | Penflufen, Trifloxystrobin, Metalaxyl | 4,7,11 | – | Stress Shield® 600 | – | – | C | C | S | – | C | C | C | C |
| | | EverGol® Rise | 9L, 27L | 100mL | 330 bu/9L and 1000 bu/27L | Metalaxyl, Penflufen, Trifloxystrobin, Prothioconazole | 3,4,7,11 | – | Stress Shield® 600 | – | – | C | C | C | – | C | C | C | C |
| |  | Vibrance® Maxx RFC | 3.075L, 56.78L | 100mL, 325mL with water slurry | 113 bu/10L jug | Fludioxonil, Sedaxane, Metalaxyl-M, S-isomer | 4,7,12 | – | Cruiser® 5FS | – | – | C | C | C | – | C | C | C | C |
| | | Vibrance® Maxx | 450L tote + 4 x 3.33L jugs OR 115L drum + 3.33L jug | 335mL | 5,082 bu OR 1,298 bu | Metalaxyl-M, Fludioxonil, Sedaxane | 4,7,12 | – | Cruiser® 5FS | – | – | C | C | C | – | C | C | C | C |
| |  | Insure® Pulse | 9.8L, 120L | 300mL | 120 bu/9.8L jug | Fluxapyroxad, Pyraclostrobin, Metalaxyl | 4,7,11 | – | – | – | – | C | C | C | – | C | C | C | S |
| |  | Rancona® Trio | 10L, 115L drum | 500mL | 73 bu/10L jug | Ipconazole, Carbathiin, Metalaxyl | 3,4,7 | – | – | – | – | C | C | C | S | C | C | C | C |
| INSECTICIDE |  | Stress Shield® 600 | 27L, 100L | 104–208mL | 954 bu/27L jug | Imidacloprid | None | 4 | – | S | S | – | – | – | – | – | – | – | – |
| |  | Cruiser® 5FS | 23.4L, 56.78L | 17-50mL | – | Thiamethoxam | None | 4 | – | S | C | – | – | – | – | – | – | – | – |
| FUNGICIDE PLUS INSECTICIDE |  | Trilex® EverGol® SHIELD | 1.5L + 0.96L + 6.25L tri-pack | Trilex Jug A 25mL, Trilex Jug B 16mL, Stress Shield 104mL | 221 bu/case | Imidacloprid, Penflufen, Trifloxystrobin, Metalaxyl | 4,7,11 | 4 | – | S | S | C | C | S | – | C | C | – | C |

PEAS CROP STAGE SOLUTIONS

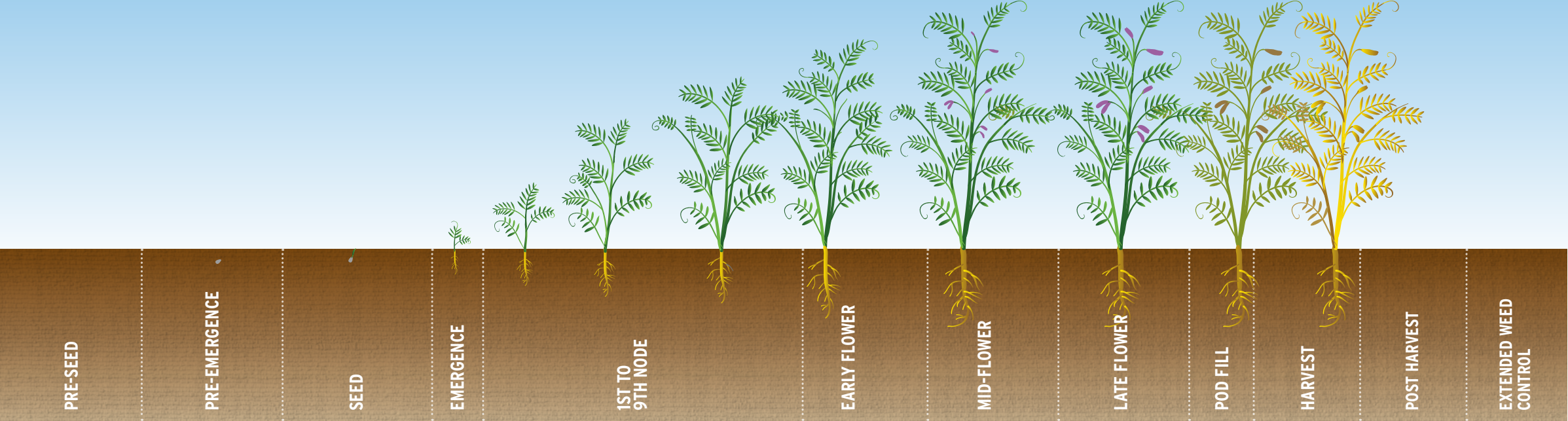


| | | | | | | | | | | |
|---------------------|-------------------|-----------|--------------------|------------------|------------------|--------------------|------------------|--|----------------------|-----------|
| RECOMMENDED | VORAXOR® | EDGE® | INSURE® PULSE | | ODYSSEY® ULTRA Q | DYAX® | | | HEAT® HARVEST | DISTINCT® |
| | VORAXOR® COMPLETE | FORTRESS® | EVERGOL® RISE | | VIPER® ADV | REVYPRO® | | | ROUNDUP TRANSORB® HC | |
| | AUTHORITY® 480 | | TRILEX® EVERGOL® | | RANSACK® | DELARO® COMPLETE | | | REGLONE® ION | |
| | GOLDWING® | | VIBRANCE® MAXX RFC | | NELATIC® | ZETIGO™ PRM | | | | |
| | | | | | | MIRAVIS® NEO | | | | |
| ESSENTIAL NUTRITION | | | PRECEDE™ RHIZO | MAGNIFY SPECTRUM | Exclusive to UFA | MULTIPLY ADVANTAGE | Exclusive to UFA | | DIQUAT | |
| | | | | | | | | | | |

BASFBayerCortevaFMCGowanNufarmSyngentaOther

NOTES

LENTILS CROP STAGE SOLUTIONS









| | | | | | | | | | | | |
|---------------------|-------------------|-----------|--------------------|-----------------------------------|------------------|-------------------------------------|------------------|--|----------------------|-----------|----------------|
| RECOMMENDED | VORAXOR® | EDGE® | INSURE® PULSE | | ODYSSEY® ULTRA Q | COTEGRA® | DYAX® | | HEAT® HARVEST | DISTINCT® | AUTHORITY® 480 |
| | VORAXOR® COMPLETE | FORTRESS® | TRILEX® EVERGOL® | | SOLO® ADV | | REVVPRO® | | ROUNDUP TRANSORB® HC | | |
| | GOLDWING | | VIBRANCE® MAXX RFC | | SOLO® ULTRA Q | | DELARO® COMPLETE | | REGLONE® ION | | |
| | | | | | | | ZETIGO™ PRM | | | | |
| | | | | | | | ELATUS® ERA | | | | |
| ESSENTIAL NUTRITION | | | | | | | | | DIQUAT | | |
| | | | PRECEDE® RHIZO | MAGNIFY SPECTRUM Exclusive to UFA | | MULTIPLY ADVANTAGE Exclusive to UFA | | | | | |

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| | BASF |
| | Bayer |
| | Corteva |
| | FMC |
| | Gowan |
| | Nufarm |
| | Syngenta |
| | Other |

NOTES

INOCULANT SEED TREATMENT COMPATIBILITY

CEREAL & ROW CROP

| | | FMC | | | LALLEMAND | | | | | |
|--|----------------------------|------------------------------------|--------------|------------|---|---|------------------|-----------|--|--|
| | | BIONIQ WP | | | LALRISE PRIME | LALRISE SHINE DS | LALRISE START SC | | | |
| | | Tank Mix time on seed ¹ | Simultaneous | Sequential | | | Tank Mix | On Seed | | |
|  We create chemistry | INSURE® CEREAL FX4 | 60 days | 60 days | 60 days | Compatible with all current seed treatments | Compatible with all current seed treatments | 24 months | 24 months | | |
| | TERAXXA® F4 | NR | | | | | | | | |
|  | RAXIL® PRO | 30 days | | | | | | | | |
| | RAXIL® PRO SHIELD | | | | | | | | | |
| | RAXIL® RISE | | | | | | | | | |
| | STRESS SHIELD® 600 | | | | | | | | | |
|  | LUMIVIA™ CPL | 60 days | 60 days | 60 days | | | | | | |
| | STRAXAN™ | | | | | | | | | |
|  | INTEGO® SUITE CEREALS | | | | | | | | | |
| | ZELTERA® CEREALS | | | | | | | | | |
|  | CRUISER® VIBRANCE® QUATTRO | 60 days | 60 days | 60 days | | | | | | |
| | VIBRANCE® QUATTRO | | | | | | | | | |
|  | RANCONA® TRIO | 30 days | | | | | | | | |

TANK MIX The inoculant is mixed with the seed treatment in a single tank and applied as one solution or suspension using the same applicator. The inoculant and seed treatment can be tank mixed for a period of time before application to the seed.

SIMULTANEOUS (WET SEQUENTIAL) The inoculant and seed treatment are applied at the same time, from separate tanks. They must be applied by separate applicators to be defined as a simultaneous or wet sequential application.










SEQUENTIAL (DRY SEQUENTIAL) One product is applied first and allowed to dry, before the second product is applied. This can be a seed treatment followed by an inoculant or inoculant followed by a seed treatment. Drying time will vary based on formulation, relative air humidity and other factors. A minimum 30 minutes is typical, but it may take up to a day.

NR NOT RECOMMENDED

NOT TESTED

¹ Inoculant was tank-mixed with the seed treatment for four hours prior to applying to the seed. Always read and follow label directions. All trademarks are the property of their respective owners.

INOCULANT SEED TREATMENT COMPATIBILITY PULSE

| | |  |  We create chemistry | | | | | |  LALLEMAND PLANT CARE | | | |  | | |
|--|--------------------------|---|---|----------------|----------------------------------|-----------------------------------|----------------|---|---|-----------------------------------|---------------------------------------|------------------|---|--------------|------------|
| | | TAGTEAM BIONIO | NODULATOR XL LQ | | | NODULATOR XL PEAT | | VELONDIS PLUS | LALFIX LIQUID PEA & LENTIL ² | LALFIX PEAT CHICKPEA ² | LALFIX PEAT PEA & LENTIL ² | LALRISE START SC | ATUVA PL | | |
| | | | Tank Mix time on seed* | Wet Sequential | Dry Sequential | Wet Sequential | Dry Sequential | | | | | | Tank Mix time on seed ³ | Simultaneous | Sequential |
|  We create chemistry | INSURE® PULSE | Compatible with all current seed treatments | NR | NR | NR | NR | 2 hours | Compatible with all current seed treatments | NR | 48 hours | 48 hours | | NR | NR | NR |
|  | EVERGOL® ENERGY | | | | | | | | 10 days | | 48 hours | | 72 hours | 10 days | 10 days |
| | EVERGOL® ENERGY SHIELD | | | | | | | | NR ¹ | | 48 hours | | | | |
| | STRESS SHIELD® 600 | | NR | | | | | | | | | | 72 hours | 10 days | 10 days |
| | TRILEX® EVERGOL® SHIELD | | NR | NR | NR | 2 hours | 4 hours | | NR ¹ | | 48 hours | | | | |
| | TRILEX® EVERGOL® | | NR | 2 hours | Peas: 1 hour Lentils: 2 hours | Peas: 2 hours Lentils: 4 hours | 4 hours | | 10 days | 48 hours | 48 hours | Not Tested | NR | 5 days | 5 days |
|  | LUMIVIA™ CPL | | NR | 6 hours | 2 hours | 24 hours | 6 hours | | | | | | 2 days | 7 days | 7 days |
|  | CRUISER® 5FS | | | | | | | | | | | | 72 hours | 10 days | 10 days |
| | VIBRANCE® MAXX | | 4 hours | 2 hours | 2 hours | 24 hours | 24 hours | | 10 days | | 48 hours | | 72 hours | 5 days | 5 days |
| | VIBRANCE® MAXX RFC | | NR | 6 hours | 4 hours | 24 hours | 24 hours | | 10 days | | 48 hours | | Caution* | 10 days | 10 days |
| | VIBRANCE® MAXX W/INTEGO® | | 4 hours | 2 hours | 2 hours | 24 hours | 24 hours | | 10 days | | 48 hours | | Caution* | 10 days | 10 days |
|  | RANCONA® TRIO | | NR | NR | NR | NR | 2 hours | | | NR | | 48 hours | | NR | NR |

TANK MIX The inoculant is mixed with the seed treatment in a single tank and applied as one solution or suspension using the same applicator. The inoculant and seed treatment can be tank mixed for a period of time before application to the seed.





SIMULTANEOUS (WET SEQUENTIAL) The inoculant and seed treatment are applied at the same time, from separate tanks. They must be applied by separate applicators to be defined as a simultaneous or wet sequential application.

SEQUENTIAL (DRY SEQUENTIAL) One product is applied first and allowed to dry, before the second product is applied. This can be a seed treatment followed by an inoculant or inoculant followed by a seed treatment. Drying time will vary based on formulation, relative air humidity and other factors. A minimum 30 minutes is typical, but it may take up to a day.

NR NOT RECOMMENDED NOT TESTED

* These on-seed shelf life recommendations are based on a maximum four-hour tank-mix period.
¹ The combination with Trilex Evergol + Shield and Intego Solo are not recommended with LALFIX LIQUID P&L using a wet sequential but a dry sequential allows a 2 days compatibility
² Seeds were treated with chemical products at rates according to the manufacturer's recommendation and were stored at 4°C. All seed treatment compatibility testing was completed in a laboratory setting.
³ The seed treatment and inoculant were tank-mixed together for a maximum of three hours.
Always read and follow label directions. All trademarks are the property of their respective owners.

INOCULANT SEED TREATMENT COMPATIBILITY PULSE

| FMC | | | | | | | | | | | | | |
|--|--------------------------|------------------------|-------------------------------------|-------------------------------------|-------------------------------|-------------------------------------|-------------------------------------|------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------------|-------------------------------------|
| | | CELL-TECH P&L LIQUID | | | CELL-TECH P&L PEAT | | | TAGTEAM P&L LIQUID | | | TAGTEAM PEA/LENTIL/CHICKPEA PEAT | | |
| | | Tank Mix time on seed* | Simultaneous | Sequential | Tank Mix time on seed* | Simultaneous | Sequential | Tank Mix time on seed* | Simultaneous | Sequential | Tank Mix time on seed* | Simultaneous | Sequential |
|  We create chemistry | INSURE® PULSE | NR | NR | NR | NR | NR | NR | NR | NR | NR | P&L: NR Chickpeas: 6 hours | P&L: NR Chickpeas: 6 hours | P&L: NR Chickpeas: 6 hours |
| | EVERGOL® ENERGY | | 6 hours | | | 24 hours | 24 hours | | 6 hours | | | P & L: 24 hours Chickpeas: 6 hours | P & L: 24 hours |
|  | EVERGOL® ENERGY SHIELD | | NR | | | Peas: 24 hours Lentils: 6 hours | Peas: 24 hours Lentils: 6 hours | | NR | | | Peas: 24 hours Lentils: 6 hours | Peas: 24 hours Lentils: 6 hours |
| | STRESS SHIELD® 600 | NR | Peas: 6 hours Lentils: 24 hours | | NR | Peas: 6 hours Lentils: 24 hours | | | Peas: 6 hours Lentils: 24 hours | | | | |
| | TRILEX® EVERGOL® SHIELD | NR | NR | NR | NR | Peas: 24 hours Lentils: 48 hours | Peas: 24 hours Lentils: 48 hours | NR | NR | NR | Peas: NR Lentils: NR | Peas: 24 hours Lentils: 48 hours | Peas: 24 hours Lentils: 48 hours |
| | TRILEX® EVERGOL® | NR | NR | NR | 48 hours | 48 hours | 48 hours | NR | NR | NR | P & L: 48 hours | P & L: 48 hours | P & L: 48 hours |
| | LUMIVIA™ CPL | 24 hours | 48 hours | 48 hours | | 48 hours | 48 hours | 24 hours | 48 hours | 48 hours | | P & L: 48 hours | P & L: 48 hours |
|  | VIBRANCE® MAXX | NR | Peas: 48 hours Lentils: 24 hours | Peas: 48 hours Lentils: 24 hours | Peas: 48 hours Lentils: NR | 48 hours | 48 hours | NR | Peas: 48 hours Lentils: 24 hours | Peas: 48 hours Lentils: 24 hours | Peas: 48 hours Lentils: NR | P & L: 48 hours | P & L: 48 hours |
| | VIBRANCE® MAXX RFC | | 48 hours | 48 hours | | 48 hours | 48 hours | | 48 hours | 48 hours | | P & L: 48 hours | P & L: 48 hours |
| | VIBRANCE® MAXX W/INTEGO® | | 48 hours | 48 hours | | 48 hours | 48 hours | | 48 hours | 48 hours | | P & L: 48 hours | P & L: 48 hours |
|  | RANCONA® TRIO | NR | NR | NR | | 2 hours | 6 hours | NR | NR | NR | NR | P & L: 2 hours Chickpeas: 6 hours | 6 hours |

TANK MIX The inoculant is mixed with the seed treatment in a single tank and applied as one solution or suspension using the same applicator. The inoculant and seed treatment can be tank mixed for a period of time before application to the seed.

SIMULTANEOUS (WET SEQUENTIAL) The inoculant and seed treatment are applied at the same time, from separate tanks. They must be applied by separate applicators to be defined as a simultaneous or wet sequential application.

SEQUENTIAL (DRY SEQUENTIAL) One product is applied first and allowed to dry, before the second product is applied. This can be a seed treatment followed by an inoculant or inoculant followed by a seed treatment. Drying time will vary based on formulation, relative air humidity and other factors. A minimum 30 minutes is typical, but it may take up to a day.



NR NOT RECOMMENDED




NOT TESTED

*Inoculant was tank-mixed with the seed treatment for four hours prior to applying to the seed. Always read and follow label directions. All trademarks are the property of their respective owners.

BIOLOGICAL PRODUCTS

BIOFERTILIZERS & BIOFUNGICIDES

| | | | CONTAINER SIZE(S) | RATE | CROP(S) | ACRES TREATED PER CONTAINER | BENEFITS | APPLICATION TIMING | USE COMMENTS |
|---------------|---|--------------------|----------------------|--|---|--|---|--|---|
| BIOFERTILIZER |  | MAGNIFY FOCUS | 10L, 500L, 1000L | 1l/Ac | Cereals Forage | 10, 500, 1000 | Phosphorus-based nutrition increases early season root mass and novel biostimulants help reduce abiotic stress and herbicide hangover | Herbicide timing (2 leaf - flag leaf) | If tank mixing, add to tank last - compatible with most herbicides. Contains SYNERGRO M2 |
| | | MAGNIFY SPECTRUM | 10L, 500L, 1000L | 2l/Ac | Corn, Canola, Pulses | 5, 250, 500 | Phosphorus-based nutrition increases early season root mass and novel biostimulants help reduce abiotic stress and herbicide hangover | Herbicide timing (2 leaf - bolting) | If tank mixing, add to tank last - compatible with most herbicides. Contains SYNERGRO M2 |
| | | MULTIPLY ADVANTAGE | 10L, 500L, 1000L | 1l/Ac | Corn, Canola, Wheat, Pulses | 10, 500, 1000 | Provides key essential nutrients at peak demand period to optimize flowering, pollination, and seed set | Fungicide timing (late vegetative to early reproductive) | If tank mixing, add to tank last - compatible with most herbicides |
| |  | PRECEDE® CEREAL | 2 X 10L, 500L, 1000L | 3ml/Kg | Cereals, Corn, Pulses | Varied | Designed specifically for cereals to address the natural nutrient imbalances that exist in the seed to drive rooting and respiration, especially in cool temperatures | On seed | Do not treat directly into an air seeder Conduct a jar test is combining with seed treatment Once PRECEDE is combined with a seed treatment, the mixed product should be applied immediately |
| | | PRECEDE® RHIZO | 2 X 10L, 500L, 1000L | 1ml/Kg | All | Varied | Rhizobium friendly formulation that drives root development, nodulation and active nitrogen fixation with the addition of key nutrients | | |
| | | PRECEDE® CANOLA | 2 X 10L | 6ml/Kg | Canola | Varied | Combines essential canola crop nutrition with two biostimulants, convey and cellburst, to improve overall plant health, overcome abiotic stress, and enhance nutrient use efficiency and respiration | | |
| |  | BIONIQ® | 10 X 333g+450g | 250bu (Cereals) 10 Bags (Canola) | All | Varies | Enhances early-season growth, stress tolerance, and nutrient uptake by using multiple beneficial microbes to solubilize phosphorus, improve nitrogen and potassium availability, and promote robust root development | Seed applied | Highly compatible formulation |
| |  | ENVITA® DRY | 200g (16 X 200g) | 5g/Ac | Corn, Canola, Pulses, Cereals, Forage Crops | 40 (640) | Gives plants the ability to source additional nitrogen all season long when it's needed and delivers a yield advantage across a wide variety of crops | Early vegetative stage through flowering | Do not tank mix with GLYPHOSATE, ENLIST DUO, OCTTAIN XL, ORONDIS GOLD, OR TALINOR Do not tank mix with copper or straight uan Check label for additional tank mixes |
| BIOFUNGICIDE |  | VELONDIS™ PLUS | 36 X 192 MI Bottles | 2.2 MI/100kg (Chickpea/Faba) 4.4 MI/100kg (Dry Bean/Pea) 17.6 MI/100kg (Lentils) | Pulses | Chickpea/Faba = 100 Dry Bean/Pea = 48 Lentils = 30 | Biostacked® biologicals enhance root and shoot vigor, suppress key soil-borne pathogens, form a living barrier for extended disease protection, and offer a stable, low-use liquid formulation compatible with any pulse seed treatment or inoculant. | On seed | Shake well before use; apply with standard commercial or on-farm treating equipment. When used alone, slowly mix VELONDIS plus with water and colorant until uniform. When combined, add chemical treatment first, then slowly add velondis plus; mix thoroughly. |
| |  | SERENADE® OPTI | 2.72 Kg Bags | Varied, Consult Label | Pulses, Potato, Veg | Varies | Provides season-long root protection and enhanced plant growth by forming a disease barrier around the seed, activating natural plant defenses, and improving nutrient uptake | Apply over the top of the seed row or broadcast after seeding apply with irrigation | Mode of action: BM02 Can be applied in-furrow and soil drench at any crop stage Use 40-50 mesh screens if possible |

| | | | CONTAINER SIZE(S) | RATE | CROP(S) | ACRES TREATED PER CONTAINER | BENEFITS | APPLICATION TIMING | USE COMMENTS |
|--------------|---|----------------------|-------------------|---|--|--|---|--|--|
| BIOSTIMULANT |  | SYNERGRO® M2 | 2 X 10L, 1000L | 1ml/Kg (Seed) 250ml/Ac (Liquid) 125ml/Ac (Foliar) | All | 10,000 Kg (Seed) 40 (Liquid) 80 (Foliar) | Regulates plant stress and improves nutrient solubility and mobility | Varies based on usage | – |
| |  | BIO-FORGE® PREMIER | 2 X 10L, 1000L | 1.2ml/Lb (Seed) 250-500ml/Ac (Foliar) | Corn, Canola, Cereals, Pulses | 8,333 Lb (Seed) 20-40 (Foliar) | Delivers broad-spectrum crop stress management and enhanced resilience to cold, frost, herbicides, insects, and hail by combining three modes of action that accelerate recovery and growth, while offering consistent performance and tank-mix compatibility | Herbicide timing, or for best results, 24-72 hours after physical damage | Foliar application typically follows physical crop damage |
| | | SUGAR MOVER® PREMIER | 2 X 10L, 1000L | 500ml-l/Ac | Corn, Canola, Cereals, Pulses | 10-20 | Promotes uniform seed development and boosts yield potential by improving sugar distribution, stimulating flower and cell growth, and delivering consistent performance | Fungicide timing | For best results, apply before noon or after 4PM and apply using a surfactant |
| | | UTRISHA™ N | 2 X 5.39 Kg | 135g/Ac | Corn, Canola, Cereals | 40 | A nutrient efficiency biostimulant that converts atmospheric nitrogen (N ₂) into ammonium without using plant energy, providing a sustainable, season-long nitrogen source that reduces reliance on soil uptake | Early vegetative stage through flowering | Apply in healthy crop unaffected by poor nutrition or other biotic/abiotic stress Use water with a total chlorine content <1ppm |
| | | X-CYTE™ | 2 X 10L, 1000L | 500ml/Ac | Corn, Canola, Pea | 20 | Protects yield potential during heat stress by reducing flower and pod loss, while enhancing crop resilience and delaying premature senescence for stronger, longer-lasting plant performance | Fungicide timing, before the onset of a heat event | Reduces kernel/flower abortion and pod loss |
| |  | YIELDON™ | 2 X 10L, 450L | 0.75l/Ac | Cereals, Corn, Canola, Pulses | 13 | Improves cell division and expansion, allowing increased uptake and transport of nutrients and sugars from the leaves to the grain, which in turn can increase crop productivity | Fungicide timing: full heading wheat, 10-50% flowering canola, and flowering in pulses | Add yieldon to the tank last |
| | | MEGAFOI™ | 2 X 10L, 450L | 0.5-1.0L/Ac | Corn, Canola, Pulses, Cereals, Forage Crops | 5-10 | Helps crops grow through drought, heat, cold, and physical damage by reducing recovery time from abiotic stress and shielding plants from yield-limiting environmental conditions | Apply at mid-vegetative stage | No tank mix restrictions |

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