



PEANUT RESOURCE GUIDE

Discover trusted insight and proven agronomic support for your peanut acres.

This guide brings together our top recommendations, product solutions, and regionally relevant strategies — all in one place.

Use the page numbers to the right to jump straight to the sections you need. From start to finish, it's built to deliver an answer for every acre.

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Peanut Crop Care Product Portfolio



Innvictis Crop Care® offers a variety of products for use on peanuts at every stage in the growing process. Innvictis Crop Care strives to provide an answer for every peanut acre by offering products at every stage of the growing cycle from burndown through harvest.

| PRODUCT | AI | MOA | DESCRIPTION | COMPARABLE PRODUCT | USE RATE | TARGET PEST | PPI | BURNDOWN | PREEMERGE | GROUND CRACK | POSTEMERGE |
|---|--|--|--|-------------------------------|------------------|---------------------------|-----|----------|-----------|--------------|------------|
| PPI | | | | | | | | | | | |
| PAVILION 3.3 EC HERBICIDE | Pendimethalin: 3.3 lb/gal | 3: Microtubule Assembly Inhibitor | A pendimethalin-based herbicide providing long-lasting, dependable, broad-spectrum residual weed control. | Prowl® 3.3 EC | 1.2 – 3.6 pts/A | Grass and broadleaves | X | | | | |
| PAVILION H2O | Pendimethalin: 3.8 lb/gal | 3: Microtubule Assembly Inhibitor | Herbicide containing pendimethalin that controls grass and broadleaf weeds, improved by water based formulation featuring decreased odor and staining. Same reliable control of grass and broadleaf weeds as other pendimethalin based herbicides. | Prowl® H2O | 1 – 3.2 pts/A | Grass and broadleaves | X | | | | |
| BURNDOWN/PREEMERGENCE | | | | | | | | | | | |
| STREVIN™ 2EC | Carfentrazone-ethyl: 2 lb/gal | 14: PPO Inhibitor | Versatile tool for preplant burndown, post emergence weed control and preharvest defoliation in a broad spectrum of crops. | Aim® EC | 0.5– 2 oz/A | Broadleaves | | X | | | |
| VARSITY® SC | Flumioxazin: 4 lb/gal | 14: PPO Inhibitor | Broad spectrum herbicide for spring and fall burndown programs. | Valor® EZ | 2 – 3 oz/A | Broadleaves | | X | X | | |
| VISOR® II XRT | S-metolachlor: 5.69 lb/gal Safener | 15: Very Long Chain Fatty Acid Inhibitor | Selective preplant surface applied, preplant incorporated, or preemergence herbicide for control of most annual grasses and broadleaf weeds in a broad variety of crops. Includes our proprietary technology XRT extended residual technology. | Unique to Innvictis Crop Care | 1.1 – 2.7 pts/A¹ | Grass and broadleaves | X | X | X | | |
| VISOR® CRN | R-Metolachlor: 7.8 lb/gal Safener | 15: Very Long Chain Fatty Acid Inhibitor | Foundational metolachlor herbicide. | Dual® II | 0.85 – 2 pts/A¹ | Grass and broadleaves | X | X | X | | |
| VISOR® S-MOC HERBICIDE | S-metolachlor: 7.62 lb/gal | 15: Very Long Chain Fatty Acid Inhibitor | Metolachlor based herbicide. Foundation herbicide for peanuts. Controls grasses and certain broadleaf weeds. | Dual® Magnum | 0.8 – 2 pts/A¹ | Grass and broadleaves | X | X | X | | |
| VISOR® S-MOC II HERBICIDE | S-metolachlor: 7.64 lb/gal Safener | 15: Very Long Chain Fatty Acid Inhibitor | Metolachlor based herbicide + safener for use in peanuts. | Dual® II Magnum | 0.8 – 2 pts/A¹ | Grass and broadleaves | X | X | X | | |
| GROUND CRACK THROUGH POSTEMERGENCE | | | | | | | | | | | |
| AVATAR™ | Clethodim: 2 lb/gal | 1: ACC Inhibitor (Acetyl CoA Carboxylase) | Most commonly used AI for post emergence grass herbicide labeled for peanuts. | Select® 2 EC | 6 – 8 oz/A¹ | Grasses | | X | X | X | X |
| AVATAR™ S2™ | Clethodim: 2 lb/gal | 1: ACC Inhibitor (Acetyl CoA Carboxylase) | The only premium 2 lb/gal per gallon proprietary formulation clethodim based herbicide on the market. | Unique to Innvictis Crop Care | 6 – 8 oz/A¹ | Grasses | | X | X | X | X |
| DEVOUR®* | Paraquat: 3 lb/gal | 22: Photosystem I Electron Diverter | Non selective, broad spectrum burndown herbicide. | Gramoxone® | 5.4 – 10.8 oz/A | Grass and Broadleaf Weeds | | X | X | X | X |
| HARVEST AID | | | | | | | | | | | |
| STREVIN™ 2EC | Carfentrazone-ethyl: 2 lb/gal | 14: PPO Inhibitor | Versatile tool for preplant burndown, post emergence weed control and preharvest defoliation in a broad spectrum of crops. | Aim® EC | 0.5 – 2 oz/A | Broadleaves | | | | | |



| PRODUCT | AI | MOA | DESCRIPTION | COMPARABLE PRODUCT | USE RATE | TARGET PEST |
|----------------------------------|---|---|---|-------------------------------|-------------------|--|
| INSECTICIDES (IN FURROW) | | | | | | |
| NIRVANA® RTU INSECTICIDE* | Bifenthrin: 1.5 lb/gal | 3A: Pyrethroid | A pre-formulated, ready-to-use mixture of Nirvana and bifenthrin. This convenient formulation allows users to pour directly into liquid fertilizer solutions and get a uniform mixture of insecticide and fertilizer. | Capture® LFR | 6.8 – 8.5 oz/A | Thrips, Leafhoppers, Aphids, Wireworms |
| PROVOKE™ | Imidacloprid: 4 lb/gal | 4A: Neonicotinoid | Highly-active systemic insecticide containing imidacloprid for soil and foliar applications with the most broad crop label for control of piercing and sucking pests. | Nuprid 4F Max | 8 – 12 oz/A | Aphids, Leafhoppers, Whiteflies |
| VYPERA™ C-LV* | Oxamyl: 3.77 lb/gal | 1A: Carbamates | Oxamyl containing water-soluble liquid insecticide and nematicide for control of labeled above and below-ground pests in peanuts. | Vydate® C-LV | 34 – 68 oz/A | Root Knot Nematodes, Thrips |
| INSECTICIDES (FOLIAR) | | | | | | |
| AVENGER™ MAX* | Bifenthrin: 2 lb/gal Imidacloprid: 1 lb/gal | 3A: Pyrethroid 4A: Neonicotinoid | Avenger Max is a proprietary formulation of bifenthrin and imidacloprid, offering dual modes of action for insect control. Containing high loads of active ingredient, Avenger Max can provide optimal performance at low use rates on a wide array of crops. | Unique to Innvictis Crop Care | 2.1 – 5.6 oz/A | Armyworms, Corn Earworm, Southern Corn Rootworm, Cutworm, Loopers, Grasshoppers, Stink Bug spp., Three-cornered Alfalfa Hopper, Thrips, Aphids, Spider Mites |
| CROSSOVER® PRO* | Propiconazole: 4 lb/gal Lambda-cyhalothrin: 1 lb/gal | 3: DMI (Triazole) 3A: Pyrethroid | Combination of propiconazole and lambda-cyhalothrin that provides insect control while adding disease protection at an economical cost to the producer. | Unique to Innvictis Crop Care | 2.5 – 4 oz/A | Bean Leaf Beetle, Armyworms, Corn Earworm, Cutworm spp., Southern Corn Rootworm, Grasshopper spp., Stink Bug spp., Three-cornered Alfalfa Hopper, Tobacco Thrips |
| INNOVIXIA™ EC | Indoxacarb: 15.84% | 22A: Oxadiazines | Strong residual control of the toughest insects including lepidoptera species. | Steward® EC | 6.7 – 11.3 oz/A | Armyworms, Corn Earworm, Cutworm |
| LANVEER™ LV* | Methomyl: 2.4 lb/gal | 1A: Carbamates | A broad-spectrum insecticide that offers rapid knockdown of piercing and sucking insects and foliage feeders for use in a broad list of crops. | Lannate® LV | ¾ – 3 pts/A | Armyworms, Corn Earworm, Granulate Cutworm, Loopers, Thrips |
| LIVID® 90 PRILL | Acephate: 90% | 1B: Organophosphates | Acephate-based insecticide for control of piercing and sucking insect pests on selected agricultural crops and in certain non-crop areas. | Acephate 90 Prill | 0.28 – 0.55 lb/A | Grasshoppers |
| | | | | | 0.55–0.83 lb/A | Thrips |
| | | | | | 0.83 – 1.11 lb/A | Armyworms, Corn Earworm, Loopers |
| LIVID® 97 PRILL | Acephate: 97% | 1B: Organophosphates | Acephate based insecticide for control of piercing and sucking insect pests on selected agricultural crops and in certain non-crop areas. | Orthene 97 | 0.25 – 0.5 lb/A | Grasshoppers |
| | | | | | 0.375 – 0.75 lb/A | Thrips |
| | | | | | 0.75 – 1 lb/A | Armyworms, Corn Earworm, Loopers |
| PROVOKE™ | Imidacloprid: 4 lb/gal | 4A: Neonicotinoid | Highly-active systemic insecticide containing imidacloprid for soil and foliar applications with the most broad crop label for control of piercing and sucking pests. | Nuprid 4F Max | 1.4 oz/A | Aphids, Leafhoppers, Whiteflies |
| RAVAGE®* | Lambda-cyhalothrin: 1 lb/gal | 3A: Pyrethroid | A broad-spectrum pyrethroid that controls insect and mite pests in an abundance of crops. | Silencer | 1.92 – 3.64 oz/A | Cutworm spp., Armyworms, Corn Earworm, Southern Corn Rootworm, Loopers, Three-cornered Alfalfa Hopper, Grasshopper Spp., Tobacco Thrips, Stinkbug Spp. |






| PRODUCT | AI | MOA | DESCRIPTION | COMPARABLE PRODUCT | USE RATE | TARGET PEST |
|-------------------------------|---|--|--|---------------------------------|----------------------------|--|
| RAVAGE® II* | Lambda-cyhalothrin: 2.19 lb/gal | 3A: Pyrethroid | Broad-spectrum control of over 30 piercing and sucking insect species, powered by lambda-cyhalothrin. Crop versatility allows for applicators to have ease of use across many different cropping systems. | Silencer | 0.96 - 1.6 oz/A | Cutworm, Three-cornered Alfalfa Hopper |
| | | | | | 1.28 - 1.92 oz/A | Fall Armyworm, Corn Earworm, Southern Corn Rootworm, Grasshoppers, Tobacco Thrips, Stinkbugs |
| | | | | | 1.92 oz/A | Soybean Looper |
| REVEAL®** | Bifenthrin: 2 lb/gal | 3A: Pyrethroid | Bifenthrin-based insecticide for control of piercing and sucking insects and mites on many crops including peanuts. | Brigade® 2EC | 2.1 - 6.4 oz/A | Armyworms, Corn Earworm, Cutworm, Southern Corn Rootworm, Loopers, Grasshoppers, Stink Bugs, Three-cornered Alfalfa Hopper, Thrips, Aphids, Spider Mites |
| REVEAL® ENDURX® | Bifenthrin: 2 lb/gal | 3A: Pyrethroid | Outstanding mix of bifenthrin insecticide for control of piercing and sucking insects and mites on many crops, plus our Endurx technology which delivers a higher dosage faster by creating more points of contact. | Unique to Innervictis Crop Care | 2.1 - 6.4 oz/A | Armyworms, Corn Earworm, Cutworm, Southern Corn Rootworm, Loopers, Grasshoppers, Stink Bugs, Three-cornered Alfalfa Hopper, Thrips, Aphids, Spider Mites |
| SEVER™ 0.5 G | Pyriproxyfen: 0.5% | 7C: Juvenile Hormone Mimic | This hard-hitting insect growth regulator causes substantial colony mortality within 3-4 weeks by breaking the reproductive life cycle of ants. This pyriproxyfen-based insecticide is available for use on a multitude of crops. | Esteem® ANT BAIT | 1.5 - 2 lb/A | Ants |
| VENTRILIX® 2L* | Diflubenzuron: 2 lb/gal | 15: Chitin Biosynthesis Inhibitor | This potent insect growth regulator controls pests by disrupting the regular molting process of insect larvae. It is effective against Lepidoptera and Diptera species and a wide variety of listed insect pests, and performs well when used in IPM programs. | Dimilin® 2L | 2 oz/A | Grasshoppers |
| | | | | | 4 - 8 oz/A | Armyworms, Soybean Looper |
| VEXER® INSECTICIDE | Methoxyfenozide: 2 lb/gal | 18: Ecdysone Receptor Agonist | Superior control of a broad spectrum of tough-to-control lepidopterous insects with long-lasting residual from the active methoxyfenozide. | Intrepid 2F® | 6 - 10 oz/A | Armyworms, Cabbage and Soybean Looper |
| VICTIMITE®** | Propargite: 6 lb/gal | 12C: Mitochondrial ATP Synthase Inhibitor | Propargite-containing miticide that's soft on beneficial insects including bees. Great in an IPM program with no known resistance thanks to its unique site of action. | Comite® | 36 oz/A | Two Spotted Spider Mites |
| VYPERA™ C-LV* | Oxamyl: 3.77 lb/gal | 1A: Carbamates | Oxamyl containing water-soluble liquid insecticide and nematicide for control of labeled above and below-ground pests in peanuts. | Vydate® C-LV | 17 oz/A | Root Knot Nematodes, Thrips |
| FUNGICIDES (IN FURROW) | | | | | | |
| TREVO® FUNGICIDE | Azoxystrobin: 2.08 lb/gal | 11: QoI (Strobilurin) | Trevo Fungicide is an azoxystrobin based broad spectrum fungicide for use on a wide range of crops. | Quadris® | 0.4 - 0.8 oz/1000 row feet | Aspergillus Crown Rot, Pythium Damping Off |
| VAUNT XL | Mefenoxam: 4 lb/gal | 4: PA (Phenylamides) | For the control of certain diseases in various crops caused by the oomycete class of fungi. | Ridomil Gold® SL | 0.25 pts/A | Pythium Root Rot |



| PRODUCT | AI | MOA | DESCRIPTION | COMPARABLE PRODUCT | USE RATE | TARGET PEST |
|------------------------------------|---|--|---|-------------------------------|------------------|--|
| FUNGICIDES (FOLIAR) | | | | | | |
| CROSSOVER® PRO* | Propiconazole: 4 lb/gal Lambda-cyhalothrin: 1 lb/gal | 3: DMI (Triazole) 3A: Pyrethroid | Combination of propiconazole and lambda cyhalothrin that provides insect control while adding disease protection at an economical cost to the producer. | Unique to Innvictis Crop Care | 2.5 - 4 oz/A | Early Leaf Spot |
| | | | | | 4 oz/A | Late Leaf Spot, Rust, Web Blotch |
| | | | | | 4 - 8 oz/A | Southern Stem Rot |
| ELUVIUM™ | Chlorothalonil: 6 lb/gal | M5: Multi-Site contact (chloronitriles) | Chlorothalonil empowers disease protection in agricultural crops, fruits, nut and conifers from a broad range of disease pathogens. Eluvium is a disease control solution in adverse weather conditions. It's an important component to an effective resistance management program. | Bravo® Weather Stik | 1 - 1.5 lb/A | Early and Late Leaf Spot, Rust, Web Blotch |
| INNLIVEN™ P | Pyraclostrobin: 2.23 lb/gal Propiconazole: 1.91 lb/gal | 11: Qol (Strobilurin) 3: DMI (Triazole) | Unique premix fungicide that provides disease control and plant health in many agricultural crops. Contains pyraclostrobin and propiconazole to enhance control over rusts and leaf spot and blight diseases. | Unique to Innvictis Crop Care | 5.65 - 7 oz/A | Early and Late Leaf Spot, Rust, Web Blotch, Southern Stem Rot/ White Mold |
| INNLIVEN™ TRZ | Pyraclostrobin: 2.26 lb/gal Tetraconazole: 1.24 lb/gal | 11: Qol (Strobilurin) 3: DMI (Triazole) | A fast-acting, dual mode of action fungicide that controls over 30 major crop diseases. The combination of preventative and curative activity, proven disease control, and increased plant health is delivered. | Unique to Innvictis Crop Care | 5.65 - 10.5 oz/A | Early and Late Leaf Spot, Rust, Web Blotch, Southern Stem Rot/ White Mold |
| IVC SUPER SIX LIQUID SULFUR | Elemental Sulfur: 6 lb/gal | M 02: Inorganic | IVC Super Six Liquid Sulfur is an elemental sulfur containing product that controls both troublesome diseases and mites. Powdery mildew and leaf spot are no match. | Suffa® | 0.3 - 1.1 gal/A | Leaf Spot, Powdery Mildew, Spider Mites |
| MANCOVO™ 75 WDG | Mancozeb: 75% | M3: Multi-Site contact | Multisite fungicide providing control of damaging diseases like leaf spot species and rusts. Powered by mancozeb, this class M3 fungicide is a great fit for diverse crop species. | Manzate Pro-Stick | 1 - 2 lb/A | Ascochyta Web Blotch, Cercospora Leaf Spot, Rust |
| OMAVO® | Fluazinam: 4.17 lb/gal | 29: Oxidative phosphorylation uncouplers | Omavo is a fungicide powered by the active ingredient fluazinam. It's an excellent disease control agent on a broad spectrum of plant diseases including blight. Can be used in an effective IPM program. | Omega® 500F | 16 - 24 oz/A | Sclerotinia blight |
| OVON™ 4.5 | Thiophanate-methyl: 4.5 lb/gal | 1: MBC (thiophanates) | Protect your crops from disease with Ovon 4.5 fungicide. This broad-spectrum fungicide protects against leaf spot, rust, and more diseases on a multitude of crops. | Topsin® 4.5FL | 10 oz/A | Early and Late Leaf Spot, Limb Rot, Rust, Web Blotch |
| OVON™ 70 WSB | Thiophanate-methyl: 70% | 1: MBC (thiophanates) | Protect your crops with the potent power of Ovon 70 WSB. This broad-spectrum T-Methyl based fungicide provides systemic control over destructive diseases like leaf spot, rusts, and more on a wide variety of crops. | Topsin® M WSB | 0.5 lb/A | Early and Late Leaf Spot, Limb Rot, Rust, Web Blotch |
| TREVO® FUNGICIDE | Azoxystrobin: 2.08 lb/gal | 11: Qol (Strobilurin) | Trevo Fungicide is an azoxystrobin based broad spectrum fungicide for use on a wide range of crops including peanuts. | Quadris® | 12 - 24.5 oz/A | Rhizoctonia Peg and Pod Rot, Stem Rot/ White Mold |
| | | | | | 6 - 18.5 oz/A | Early and Late Leaf Spot, Rust, Web Blotch |
| TREVO® P | Azoxystrobin: 1.18 lb/gal Propiconazole: 1.02 lb/gal | 11: Qol (Strobilurin) 3: DMI (Triazole) | Trevo P combines the power of two active ingredients, azoxystrobin and propiconazole, which offer two unique modes of action for enhanced disease control. | Quilt Xcel® | 10.5 - 14 oz/A | Early and Late Leaf Spot, Rust, Web Blotch |
| | | | | | 21 - 28 oz/A | Southern Stem Rot/ White Mold, Rhizoctonia Peg and Pod Rot |
| VAUNT™ XL | Mefenoxam: 4 lb/gal | 4: PA (Phenylamides) | For the control of certain diseases in various crops caused by the oomycete class of fungi. | Ridomil Gold® SL | 0.5 - 1 pts/A | Pod Rot |
| VIBE® | Tebuconazole: 3.6 lb/gal | 3: DMI (Triazole) | Tebuconazole based fungicide from the triazole family that features curative and preventive capabilities. Can be sprayed on a diversity of crops and controls a broad spectrum of diseases. | TebuStar 3.6 | 7.2 oz/A | Southern Stem Rot/ White Mold, Rhizoctonia Limb Rot, Early and Late Leaf Spot, Leaf Rust, Web Blotch |
| VIGIL® | Propiconazole: 3.6 lb/gal | 3: DMI (Triazole) | Rusts, powdery mildew, leaf spots, and many other diseases are controlled in many different crops. Broad-spectrum and crop diversity powered by propiconazole. | Tilt®, Bumper® 41.8 | 2.5 - 4 oz/A | Early Leaf Spot |
| | | | | | 4 oz/A | Late Leaf Spot, Rust, Web Blotch |
| | | | | | 4 - 8 oz/A | Southern Stem Rot |



| PRODUCT | FUNCTIONS | DESCRIPTION | USE RATE |
|---|---|---|---------------------|
| ADJUVANTS | | | |
|  ADVERSARY™ | Spreader, Drift Control Agent, Penetrant | Adversary is a powerful spreader, drift control agent, and penetrant designed to enhance droplet size while still allowing for optimal spreading and adhesion on the leaf surface. | 0.25% v/v |
|  AVIATOR™ | Nonionic Surfactant, Spreader, Sticker, Penetrant, Humectant, Acidifier, Water Conditioning Agent | Aviator is a non-ionic surfactant, water conditioning agent, and acidifier. Aviator enhances coverage, adhesion, and penetration of spray solutions while protecting herbicides from hard water tie-up. | 0.25% v/v |
|  VALKARIE™ | Nonionic Surfactant, Spreader, Penetrant, Deposition Aid, Sticker | Valkarie is an NPE free non-ionic surfactant, formulated to improve deposition, spreading, and adhesion of a spray solution. Valkarie is able to soften a leaf's waxy cuticle, leading to increased penetration and movement to the site of action. | 0.25% v/v |
| VENTURI® | Penetrant, Deposition Aid, Nonionic Surfactant | Venturi is a nonionic surfactant and highly refined paraffinic oil, which also includes functioning agents to improve penetration and deposition. Venturi maximizes the activity and effectiveness of soil pesticides. | 1% v/v |
| VERIMAX® AMS | Water Conditioning Agent, Deposition Agent | Verimax AMS is a multi-functional water conditioner and deposition agent for post-emergent herbicide, defoliant, and desiccant sprays. Verimax AMS can contribute to more effective sprayer applications and increase pesticide performance. | 0.25 - 0.75% v/v |
| VIXEN® AC-L | Water Conditioning Agent | Vixen AC-L is a convenient liquid water conditioner and amine compatible formulation. Vixen AC-L increases absorption and translocation and utilizes sequestering agents to condition water. | 0.5 - 2 qts/100 gal |