

#### OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 19, 2024

Jeremy D. Malone a/o Spring Regulatory Science Regulatory Agent for Tidal Vision Products, Inc. jeremy@springregulatory.com

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – update the

primary brand name, update language within the label, add Sugarbeets and update

company information post-transfer.

Product Name: GenMax (previously USAG2020)

EPA Registration Number: 93966-1 EPA Receipt Date: 05/23/2023 Action Case Number: 00452578

#### Dear Mr. Malone:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

The primary brand name of this product has been changed from USAG2020 to GenMax, and our records have been updated accordingly. Additionally, the alternate brand names: GenMax® OS, Tidal Grow® OS, GenMax® ST, Tidal Grow® ST,Tidal Grow® Protech'd, Tidal Grow® Cover, Tidal Grow® Bloom, Tidal Grow® GH, GenMax® GH, Tidal Grow® T&O, GenMax® T&O, GenMax® H&G, Tidal Grow® H&G, GenMax® HG, Tidal Grow® Home, GenMax® Home, Tidal Grow® Garden, GenMax® Garden, GenMax® ST Gold, GenMax® ST Ultra, Gen Max® ST Next ,GenMax® OS Gold, GenMax® OS Ultra, Gen Max® OS Next, have been added to the registration. Our records have been updated accordingly. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S.

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Environmental Protection Agency. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Sydnie Vergara by phone at (202) 566-1606 or via email at vergara.sydnie@epa.gov.

Sincerely,

James Parker, Team Lead Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division (7511M) Office of Pesticide Programs

Enclosure

ACCEPTED

Aug 19, 2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 93966-1

**Master Label containing:** 

Sublabel A: Agricultural Seed and In-Furrow Treatment Use

Sublabel B: Field, Nursery, and Ornamental Use

Sublabel C: Home & Garden Use

# GenMax<sup>®</sup>

# Agricultural, Ornamental, Nursery and Home & Garden Use

[ABN: GenMax® OS, Tidal Grow® OS, GenMax® ST, Tidal Grow® ST, Tidal Grow® Protech'd, Tidal Grow® Cover, Tidal Grow® Bloom, Tidal Grow® GH, GenMax® GH, Tidal Grow® T&O, GenMax® T&O, GenMax® H&G, Tidal Grow® H&G, GenMax® HG, Tidal Grow® HG, Tidal Grow® Home, GenMax® Home, Tidal Grow® Garden, GenMax® Garden, GenMax® ST Gold, GenMax® ST Ultra, Gen Max® ST Next ,GenMax® OS Gold, GenMax® OS Ultra, Gen Max® OS Next]

[Refer to Accompanying Label Booklet for Complete Use Directions]

### **ACTIVE INGREDIENT:**

Chitosan	
OTHER INGREDIENTS:	99.75%
Total	

Product contains 0.021 lb (0.01 kg) for chitosan/gallon

# KEEP OUT OF REACH OF CHILDREN CAUTION

SEE SIDE/INSIDE/BACK PANEL FOR FIRST AID AND PRECAUTIONARY STATEMENTS

EPA Reg. No.	93966-1
EPA Est. No.	

### **MANUFACTURED FOR:**

Tidal Vision Products, Inc. DBA Tidal Grow AgriScience 3710 Iron Gate Rd. Bellingham, WA 98225

# GenMax<sup>®</sup>

# **Agricultural Use**

[ABN: GenMax® OS, Tidal Grow® OS, GenMax® ST, Tidal Grow® ST, GenMax® ST Gold, GenMax® ST Ultra, Gen Max® ST Next ,GenMax® OS Gold, GenMax® OS Ultra, Gen Max® OS Next]

When used as directed, GenMax can boost seed germination and vitality, stimulate emergence and sprouting, enhance plant vigor, promote root and foliar growth, increase crop yields, improve crop vigor and quality, protect against diseases and pathogens, activate plant resistances to environment stress, drought, and disease pressures, including protection against plant parasitic nematodes and insect pests.

[GenMax protects against insects, nematodes, bacterial diseases, and fungal diseases by both direct pathogen/pest control and induced systemic resistance.]{All or some of the pests and pathogens listed in this section may be included in the market label}

[For use on corn, canola, soybeans, rice, sugar cane, sugarbeets, vegetables, herbs, sunflowers, wheat, grains, cereals, legumes, and flowers.]{All or some of the listed crops in this section may be included in the market label}

ACTIVE INGREDIENT:	
Chitosan	0.25%
OTHER INGREDIENTS:	99.75%
Total	100.00%
Product contains 0.021 lb (0.01 kg) for chitosan/gallon	
KEEP OUT OF REACH OF CHILDREN CAUTION	

SEE SIDE/INSIDE/BACK PANEL FOR FIRST AID AND PRECAUTIONARY STATEMENTS

#### **MANUFACTURED FOR:**

Tidal Vision Products, Inc. DBA as Tidal Grow AgriScience	EPA Reg. No. 93966-1
3710 Iron Gate Rd.	EPA Est. No
Bellingham, WA 98225	Net Contents:

FIRST AID	
IF IN EYES:	<ul> <li>Hold eye open and rinse slowly and gently with water 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
Have product co	entainer or label with you when calling a poison control center or doctor, or going for

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

## **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

[For 5 gallon product: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer without previously notifying the sewage treatment plant authority. For guidance, contact your State Water board or regional Office of the EPA.]

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, protective eyewear, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **DIRECTIONS FOR USE**

It is a violation of federal laws to use this product in a manner inconsistent with its labeling.

To prevent contamination of the dilute solutions of GenMax by possible pesticide or other chemical residues in the spraying equipment, use dedicated equipment, or be sure that the equipment is thoroughly clean before use.

#### FOR AGRICULTURAL USE

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Protective eyewear, and
- Shoes plus socks

#### **TARGET PESTS**

GenMax is effective against the following nematode, insect, and plant disease pests:

[Nematode Pests: Gall nematode (Anguina spp.), Guava nematode (Meloidogyne spp.),Lance nematode Hoplolaimus spp., Potato cyst nematode (Globodera spp.), Reniform nematode (Rotylenchulus spp.), Root-knot nematode (Meloidogyne spp.), Root-lesion nematode (Pratylenchus spp.), Soybean Cyst Nematode (Heterodera spp.), Spiral nematode Helicotylenchus spp, Stem nematode (Ditylenchus spp.), Sting nematode (Belonolaimus spp.)

Fungal and Bacterial Diseases: Alternaria, Anthracnose, Armillaria Root Rot, Ascochyta, Aspergillus spp., Bacterial Blast, Bacterial Soft Rot, Bacterial Spot, Blossom Blight (Monilinia spp.), Black Spot, Botrytis, Blue Mold, Brown Patch, Cercospora Leaf Spot, Charcoal Rot (macrophomina phaseolina), Citrus Canker, Coryneum Blight, Crown Rot, Curvularia, Downy Mildew, Erwinia amylovora, Fairy Ring, Fusarium spp. (*F. oxysporum, F. solani, F. graminearum, F. verticillioides*), Greasy Spot, Garlic and Onion White Rot, Goss Wilt (Clavibacter michiganensis), Gray Leaf Spot, Gray Mold. Leaf Spot, Melanose, Mummy Berry, Onion Pink Root Rot, Phomopsis, Phyllachora spp., Phytophthora spp., Phytophthora gummosis, Phytophthora Root Rot, Pythium spp., Powdery Mildew, Pseudomonas spp., Rhizoctonia spp. (*R. solani*), Septoria, Sooty Mold, Tilletia spp., Ustilago spp. Xanthomonas, Venturia inaequalis, Verticillium

Insect Pests: Aphids (all life stages except adult), Borers (all life stages), Bean Leaf Beetle, Cereal Leaf Beetle, Colorado Potato Beetle, Corn Borers (egg, larvae), Corn Ear Worm (all life stages except adult),

Corn Root Maggot (all life stages except adult), Corn Root Worm (egg, larvae instars), Crickets (egg, larvae), Grasshoppers (egg, nymph), Hessian Fly, Leaf Miners, Mealy Bugs, Mites (all life stages except adult), Pea Weevils (all life stages except adult), Pine Beetles, Plant Bugs (egg, nymph), Psyllids (egg, all 5 instar stages), Seed corn Maggot, Slugs (all life stages), Snails (all life stages), Southern Cowpea Weevil (egg, larvae, maggot), Stink Bugs (egg, nymph), Sugarcane Aphids (all life stages except adult), Thrips (egg, larvae, pre-pupal, pupal), White flies (egg, nymph), Wireworms (egg, larvae)]{All or some of the pests and pathogens listed in this section may be included in the market label}

#### **GENERAL INSTRUCTIONS**

Shake before using. Following specific crop instructions for dilution rates and application usage. Do not apply within three days of harvesting. For best results use a slurry with a pH of 7 or less. It is recommended to conduct a compatibility test with the other seed treatments intended to be used in the same blend prior to mixing full treatment volumes.

Crops	Mixing and Application Instructions
Seed Treatment Legumes (such as Broad Beans, Chickpeas, dry edible, Cowpeas, Guar bean, Lentils, Lima, Peas, Pigeon Peas, snap, soybeans, various, Cicer arietinum, Lupinus spp. beans, Phaseolus spp. Beans, Vigna spp. Beans), Canola, Cantaloupe, Corn (field, sweet and pop), Cotton, Flax, Grass grown for seed, Legumes (including alfalfa and clover), Ornamental flower crops, Peanuts, Safflower, Small grains (including wheat, oats, rye, barley, rice, millet, sorghum, triticale), Soybeans, Sugar Cane, Sugarbeet, Sunflowers, Tobacco, Turfgrass, Fruiting Vegetables (Bell Pepper, Tomato), Vegetables (including Asparagus, Broccoli, Brussels sprouts, Carrots, Cabbage, Cauliflower, Celery, Cucumber, Eggplants, Garlic, Head Lettuce, Leaf Lettuce, Leafy Greens, Onion, Pumpkin, Radish, Spinach, Squash), Cucurbit Vegetables (Watermelon, muskmelon, squash)	For seed treatment, Apply 0.1—1.2 fluid ounces of product per 100 lbs. seed.  Apply as a water based slurry through standard slurry or mist-type commercial seed treatment equipment.  May be applied with other registered seed treatment products if compatibility is known.
Seed Piece Treatment Potato Sweet potato Yam	For seed piece treatment, Apply 0.1—1.2 fluid ounces of product per 100 lbs. seed pieces.  Apply as a water based slurry through standard slurry or mist-type commercial seed treatment equipment.  May be applied with other registered seed treatment products if compatibility is known.
In-Furrow	Apply in-furrow at a rate of 0.85—6 fl. oz. per

Peanuts, Cotton, Corn (field, sweet, pop), Potatoes, Leafy Vegetables (petiole), Leafy Greens, Brassicas, Root Vegetables, Sugarbeets

acre.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place away from sunlight and out of the reach of children and pets. Do not reuse container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. (For product less than 5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. (For product greater than 5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. An empty container retains vapor and product residue. Observe label safeguards until container is cleaned, reconditioned or destroyed. Completely empty contents into formulation equipment. Then offer for recycling or reconditioning or, dispose of container in a manner approved by state and local authorities.

#### WARRANTY

Tidal Vision Products, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Tidal Vision Products, Inc. To the extent consistent with applicable law, Tidal Vision Products, Inc. shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Tidal Vision Products, Inc. election, the replacement of this product. Tidal Vision Products, Inc. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

### **Manufactured For:**

Tidal Vision Product, Inc. DBA Tidal Grow AgriSciences 3710 Iron Gate Rd Bellingham, WA 98226

# **GenMax**®

# Field, Nursery, and Ornamental Use

[ABN: Tidal Grow<sup>®</sup> Protech'd, Tidal Grow<sup>®</sup> Cover, Tidal Grow<sup>®</sup> Bloom, Tidal Grow<sup>®</sup> GH, GenMax<sup>®</sup> GH, Tidal Grow<sup>®</sup> T&O, GenMax<sup>®</sup> T&O, GenMax<sup>®</sup> ST Gold, GenMax<sup>®</sup> ST Ultra, Gen Max<sup>®</sup> ST Next, GenMax<sup>®</sup> OS Gold, GenMax<sup>®</sup> OS Ultra, GenMax<sup>®</sup> OS Next, GH Max]

When used as directed, GenMax can boost seed germination and vitality, stimulate emergence and sprouting, enhance plant vigor, promote root and foliar growth, increase crop yields, improve crop vigor and quality, protect against diseases and pathogens, activate plant resistances to environment stress, drought, and disease pressures, including protection against plant parasitic nematodes and insect pests.

[GenMax protects against insects, nematodes, bacterial diseases, and fungal diseases by both direct pathogen/pest control and induced systemic resistance. ]{All or some of the pests and pathogens listed in this section may be included in the market label}

[GenMax protects field crops, ornamentals, trees, citrus, grasses, grains, legumes, fruits and vegetables against pests and diseases such as nematodes, wireworm, diamondback moth, mites, thrips, aphids, Phytophthora, Anthracnose, Fusarium, Coleoptera, Phomopsis, Alternaria, Rhizoctonia, Botrytis, Monilinia, Macrophomina, Sclerotinia, Cladosporium, Colletotrichum, Verticillium, Erwinia, Xanthomonas, Pseudomonas, Clavibacter, Agrobacterium, Potato Virus X, and Mosaic viruses.] {All or some of the listed crops, pests, and diseases in this section may be included in the market label}

# 

# KEEP OUT OF REACH OF CHILDREN CAUTION

SEE SIDE/INSIDE/BACK PANEL FOR FIRST AID AND PRECAUTIONARY STATEMENTS

MANUFACTURI	ED FOR:	
Tidal Vision Products, Inc. DBA as Tidal Grow AgriScience		EPA Reg. No. 93966-1
3710 Iron Gate Rd		EPA Est. No
Bellingham, WA 98225		Net Contents:
FIRST AID		
<ul> <li>IF IN EYES:</li> <li>Hold eye open and rinse slowly and gently with water 15 − 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>		

	Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

[For 5 gallon product: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer without previously notifying the sewage treatment plant authority. For guidance, contact your State Water board or regional Office of the EPA.]

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, protective eyewear, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **DIRECTIONS FOR USE**

It is a violation of federal laws to use this product in a manner inconsistent with its labeling.

To prevent contamination of the dilute solutions of GenMax by possible pesticide or other chemical residues in the spraying equipment, use dedicated equipment, or be sure that the equipment is thoroughly clean before use.

### **Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep people and pets of

treated areas until spray solution has dried to prevent transfer of this product onto desirable vegetation.

#### [TARGET CROPS

**Roots/Tubers** (such as cassava, potatoes, sweet potatoes, and vams), **Vegetables** (such as Artichokes, Broccoli, Brussels sprouts, Cabbage, Carrots, Cauliflower, Cucumber, Eggplants, Garlic, Leafy Vegetables, Onion, Pumpkin, Squash), Legumes (such as Broad Beans, Chickpeas, Lentils, Peas, Pigeon Peas, soybeans, various Lupinus spp. beans, Phaseolus spp. Beans, Vigna spp. Beans), Citrus Fruits (such as Grapefruits, Limes, Lemons, Oranges), Pome Fruits (such as Apples, Crabapples, Loquats, Pears, Oriental Pears, Quinces), Stone Fruits (such as Apricots, Sweet Cherries, Tart Cherries, Nectarines, Peaches, Plums, Prunes), Berries & Small Fruits (such as Aronia Berries, Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Grapes, Huckleberries, Kiwifruits, Loganberries, Mulberries, Raspberries, Strawberries), Tree Nuts (such as Almonds, Beech Nuts, Brazil Nuts, Butternuts, Cashews, Chestnuts, Hazelnuts, Hickory Nuts, Macadamia Nuts, Pecans, Walnuts), Forage/Fodder/Straw of Cereal Grains (such as Corn, Wheat, and any other cereal grains), Grass Forage/Fodder/Hay (such as Bermuda Grass, Bluegrass, Bromegrass, Fescue), Nongrass Animal Feeds (such as Alfalfa, Velvet Bean, Clover, Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Vetch), Herbs & Spices (such as Allspice, Anise, Annatto, Basil, Borage, Caraway, Cardamom, Celery Seed, Chive, Cinnamon, Coriander, Cilantro, Cumin, Dill, Fennel, Fenugreek, Lagvender, Lemongrass, Mustard, Black Pepper, Rosemary, Sage, Savory, Tarragon, Thyme, etc.), Oilseed (such as Castor, Cottonseed, Flax Seed, Rapeseed, Safflower, Sesame, Sunflower, etc.), Tropical Fruits (such as Açaí, Acerola, Avocado, Banana, Carob, Date, Dragon Fruit, Durian, Fig, Guava, Jackfruit, Lychee, Mango, Olive, Papaya, Passion Fruit, Persimmon, Pineapple, Pomegranate, Rambutan, Soursop, Star Fruit, etc.), Turf & Ornamentals, Flowering plants.]{All or some of the listed crops in this section may be included in the market label}

#### TARGET PESTS

GenMax is effective against the following nematode, insect, and plant disease pests:

[Nematode Pests: Gall nematode (Anguina spp.), Guava nematode (Meloidogyne spp.), Potato cyst nematode (Globodera spp.), Reniform nematode (Rotylenchulus spp.), Root-knot nematode (Meloidogyne spp.), Root-lesion nematode (Pratylenchus spp.), Soybean Cyst Nematode (Heterodera spp.), Stem nematode (Ditylenchus spp.), Sting nematode (Belonolaimus spp.)

Fungal and Bacterial Diseases: Alternaria, Anthracnose, Armillaria Root Rot, Ascochyta, Aspergillus spp., Bacterial Blast, Bacterial Soft Rot, Bacterial Spot, Black Spot, Botrytis, Blue Mold, Brown Patch, Cercospora Leaf Spot, Charcoal Rot (macrophomina phaseolina), Citrus Canker, Coryneum Blight, Crown Rot, Curvularia, Downy Mildew, Erwinia amylovora, Fairy Ring, Fusarium spp. (*F. oxysporum, F. solani, F. graminearum, F. verticillioides*), Greasy Spot, Garlic and Onion White Rot, Goss Wilt (Clavibacter michiganensis), Gray Leaf Spot, Leaf Spot, Melanose, Onion Pink Root Rot, Phomopsis, Phyllachora spp., Phytophthora spp., Phytophthora gummosis, Phytophthora Root Rot, Pythium spp., Powdery Mildew, Pseudomonas spp., Rhizoctonia spp. (*R. solani*), Septoria, Sooty Mold, Tilletia spp., Ustilago spp. Xanthomonas, Venturia inaequalis, Verticillium

Insect Pests: Aphids (all life stages except adult), Borers (all life stages), Bean Leaf Beetle, Cereal Leaf Beetle, Colorado Potato Beetle, Corn Borers (egg, larvae), Corn Ear Worm (all life stages except adult), Corn Root Maggot (all life stages except adult), Corn Root Worm (egg, larvae instars), Crickets (egg, larvae), Grasshoppers (egg, nymph), Hessian Fly, Leaf Miners, Mealy Bugs, Mites (all life stages except

adult), Pea Weevils (all life stages except adult), Pine Beetles, Plant Bugs (egg, nymph), Psyllids (egg, all 5 instar stages), Seed corn Maggot, Slugs (all life stages), Snails (all life stages), Southern Cowpea Weevil (egg, larvae, maggot), Stink Bugs (egg, nymph), Sugarcane Aphids (all life stages except adult), Thrips (egg, larvae, pre-pupal, pupal), White flies (egg, nymph), Wireworms (egg, larvae) [All or some of the pests and pathogens listed in this section may be included in the market label]

### **GENERAL INSTRUCTIONS**

Shake before using. For best results, check compatibility with other tank mix partners/water. Traditionally, solutions with pH lower than 7 work best. If the blend is incompatible, then adjust the pH down with acetic or citric acid to improve solubility. Follow specific crop instructions for dilution rates and application usage.

Crops	Mixing and Application Instructions
Seeds	For seed treatment, Apply 0.1—1 fluid ounces of product per 100 lbs. seed.
	Apply as a water based slurry through standard slurry or mist-type commercial seed treatment equipment.
	May be applied with other registered seed treatment products if compatibility is known.
Minituber, seed potato, potato	For seed piece treatment, Apply 0.1—1 fluid ounces of product per 100 lbs. seed pieces.
	Apply as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment.
	May be applied with other registered seed treatment products if compatibility is known.
Field crops including corn, soybean, wheat, alfalfa, small grains, grass, sugarbeet, cotton, tobacco, and legume	<ul> <li>Irrigation</li> <li>Apply 8—32 fl oz product per acre</li> <li>Can be injected into a pivot, used in drip line, or any other means of irrigation</li> <li>Use water volumes that would typically be used with your irrigation system</li> </ul>
	In-Furrow  ■ Apply 0.4—4 fl oz product per acre  ■ Can be combined with other in-furrow products if compatibility is confirmed
	Foliar Application  ■ Apply 4—16 fl oz per acre  ■ Apply before and after emergence; apply every 30 days or as needed  Apply by foliar spray and/or irrigation
Vegetables	Foliar Application Apply 4—16 fl oz per acre

	<ul> <li>Apply before and after emergence; apply every 30 days or as needed</li> <li>Apply by foliar spray and/or irrigation</li> </ul>
Nursery Crops- Trees & Shrubs	Apply 16—48 fl oz per acre Application rate: 500 ml to 1500 ml per acre Apply every 21 to 45 days or as needed Apply by foliar spray, drip line, and/or irrigation
Fruit Trees and Citrus	Apply 16—48 fl oz into 20 to 500 gallons or more per acre Apply every 30 days or as needed Apply by foliar spray, drip line, and/or irrigation
Turf and Sod	Apply 16—48 fl oz per acre Apply area every 21 to 45 days or as needed Apply by irrigation or surface spray
Greenhouse & Horticultural Use Ornamental Crops	Apply 0.1—7.0 fl oz product per 1000 sq ft Apply to soil and/or spray plants May be applied by means of irrigation
Transplanting	Mix 0.1 fl oz into 5 gallons or more Apply enough product to wet the soil covering transplant Apply every two weeks as needed
Compost	Mix rate: 16—48 fl oz into 50 gallons or more Apply area: 1 acre; apply every two weeks as needed May be applied by means of irrigation or spray application

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place away from sunlight and out of the reach of children and pets. Do not reuse container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. (For product less than 5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. (For product greater than 5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. An empty container retains vapor and product residue. Observe label safeguards until container is cleaned, reconditioned or destroyed. Completely empty contents into formulation equipment. Then offer for recycling or reconditioning or, dispose of container in a manner

approved by state and local authorities.

#### WARRANTY

Tidal Vision Products, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Tidal Vision Products, Inc. To the extent consistent with applicable law, Tidal Vision Products, Inc. shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Tidal Vision Products, Inc. election, the replacement of this product. Tidal Vision Products, Inc. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

#### **Manufactured For:**

Tidal Vision Product, Inc. DBA Tidal Grow AgriScience 3710 Iron Gate Rd Bellingham, WA 98225

# **GenMax**®

### Home & Garden Use

[ABN: GenMax® H&G, GenMax® HG, Tidal Grow® H&G, Tidal Grow® HG, Tidal Grow® Home, Tidal Grow® Garden, GenMax® Garden, GenMax® Home, GenMax® ST Gold, GenMax® ST Ultra, Gen Max® ST Next ,GenMax® OS Gold, GenMax® OS Ultra, Gen Max® OS Next, H&G Max]

When used as directed, GenMax can boost seed germination and vitality, stimulate emergence and sprouting, enhance plant vigor, promote root and foliar growth, increase crop yields, improve crop vigor and quality, protect against diseases and pathogens, activate plant resistances to environment stress, drought, and disease pressures, including protection against plant parasitic nematodes and insect pests.

[GenMax protects against insects, nematodes, bacterial diseases, and fungal diseases by both direct pathogen/pest control and induced systemic resistance. ]{All or some of the pests and pathogens listed in this section may be included in the market label}

[GenMax protects citrus, field crops, fruits, grains, grasses, legumes, legumes, ornamentals, shrubs, trees, and vegetables against pests and diseases such as Agrobacterium, Alternaria, aphids, Anthracnose, Botrytis, Cladosporium, Clavibacter, Coleoptera, Colletotrichum, diamondback moth, Erwinia, Fusarium, Macrophomina, mites, Monilinia, Mosaic viruses, nematodes, Phomopsis, Phytophthora, Potato Virus X, Pseudomonas, Rhizoctonia, Sclerotinia, thrips, Verticillium, Xanthomonas, and wireworm.]{All or some of the pests and pathogens listed in this section may be included in the market label}

[GenMax protects pine trees against Pine Beetles, Mountain Pine Beetle and Bark Beetles.]

[For use on tropical plants, grasses, pine and deciduous trees, shrubs, ground covers, bedding plants, house plants, herbs, vegetables, fruits, citrus, turf & ornamentals.]{All or some of the pests and pathogens listed in this section may be included in the market label}

## **ACTIVE INGREDIENT:**

Chitosan	
OTHER INGREDIENTS:	
Total	100.00%
Product contains 0.021 lb (0.01 kg) for chitosan/gallon	

# KEEP OUT OF REACH OF CHILDREN CAUTION

SEE SIDE/INSIDE/BACK PANEL FOR FIRST AID AND PRECAUTIONARY STATEMENTS

#### **MANUFACTURED FOR:**

Tidal Vision Products, Inc. DBA as Tidal Grow AgriScience	EPA Reg. No. 93966-1
3710 Iron Gate Rd.	EPA Est. No
Bellingham, WA 98225	Net Contents:
Beilingham, WT 70225	Tet Contents.

FIRST AID		
IF IN EYES:	<ul> <li>Hold eye open and rinse slowly and gently with water 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
IF ON SKIN OR CLOTHING:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
IF INHALED:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>	
Have product con	ntainer or label with you when calling a poison control center or doctor, or going for	

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

#### **ENVIRONMENTAL HAZARDS**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treated area. Rinsing application equipment over treated area will help avoid run off to water bodies or drainage systems.

### **DIRECTIONS FOR USE**

It is a violation of federal laws to use this product in a manner inconsistent with its labeling.

To prevent contamination of the dilute solutions of GenMax by possible pesticide or other chemical residues in the spraying equipment, use dedicated equipment, or be sure that the equipment is thoroughly clean before use.

### **GENERAL INSTRUCTIONS**

Shake before using. For best results, check compatibility with other tank mix partners/water. Traditionally, solutions with pH lower than 7 work best. If the blend is incompatible, then adjust the pH down with acetic or citric acid to improve solubility. Follow specific crop instructions for dilution rates and application usage.

Crops	Mixing and Application Instructions
	Mix 0.1—1 fl oz into 5 gallons Apply enough product to wet the soil covering seeds. Apply every week as needed
Home & Garden – Bedding	Apply 0.0035-0.18 fluid ounces of product per 1000 sq ft

Plants, Vegetables, Flowers and Ornamentals	Apply to soil and/or spray plants, apply additional water to soil as needed
Compost	Apply 0.1—10 fluid ounces  May be applied by means of irrigation or sprayer  Apply every two weeks or as needed
Turf and Sod	Apply 0.1—10 fluid ounces of product per 1000 sq ft Water area and spray surface area May be applied by means of irrigation or sprayer Apply every 10 days or as needed
Trees, shrubs	Mix 0.1—10 fluid ounces product into 5—10 gallons May be applied by means of sprayer, apply additional water to soil as needed Apply every 30 to 45 days or as needed to soil under the drip line

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place away from sunlight and out of the reach of children and pets. Do not reuse container.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Non-refillable container. **If empty:** Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### WARRANTY

Tidal Vision Products, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Tidal Vision Products, Inc. To the extent consistent with applicable law, Tidal Vision Products, Inc. shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Tidal Vision Products, Inc. election, the replacement of this product. Tidal Vision Products, Inc. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

#### **Manufactured For:**

Tidal Vision Product, Inc. 3710 Iron Gate Rd Bellingham, WA 98225

#### **Optional Marketing Claims:**

- Elicitor
- Elicitation of plant enzymes for plant vitality
- For Use Throughout the Growing Season
- Easy to Use
- Increases Yields
- Boost Your Production
- Enhance blooms and yields
- Promote Healthier Plants
- Healthier plants resist disease and pathogen attacks
- Improve plant vigor
- Fortifies plant defense mechanisms
- Elicit better crop performance
- Larger Flowers
- Robust Plant Growth Leads to Early Harvest
- Robust Plant Growth Leads to [Increase Yields][Larger Fruit][Larger Vegetables]
- Higher Pack-out equals more return per acre
- More large fruit
- Delays senescence
- Reduce bruising and blemishes
- Longer shelf life for crops
- Reduces ethylene production
- Elevate sugar content
- Overcomes environmental stress
- Healthier plants defend themselves better against nibblers
- Increases germination rates and seed vitality
- Improve sprouting
- Stronger emergence
- Increases biomass
- Better Stand Quality
- Induced Systemic Resistance against pathogens and disease
- Elevate defense mechanisms in plants
- Activate chemical engines within plants
- Boost Plant Health
- Amendment for better crop performance
- Healthier Stand
- Proprietary Elicitor
- Crop and Yield Promoter
- Broad spectrum Biopesticide
- Allows plants to defend for themselves against pathogen, disease and pests
- Fast acting formula
- Guaranteed not to be harmful to crops
- Chitosan is a biopolymer derived from crustacean shells, insect exoskeletons, and fungal cell walls.
- Boosts the ability of plants to defend against fungal infections
- [Product Name] provides protection against downy mildew, powdery mildew, early blight, late blight, gray mold, leaf spot, anthracnose, Stem wilt, damp-off, stem blight, stem cankering, and seed piece decay
- [Product Name] bolsters plant resistance against fungal diseases.
- Spray to plants throughout the growing season

- Mix and water plants throughout the growing season
- Indoor and outdoor use!
- [Product Name] provides long lasting systemic protection against disease, pathogens and pests
- More vigorous plants
- Results in healthier, more vigorous plants and increased yield
- [Product Name] enhances soil microflora and beneficial microbes
- [Product Name] shortens the time required for expression of mature plant resistance
- Fast results; mature plant resistance
- Stimulates growth
- Triggers the defensive mechanisms in plants for better production
- Use for bloom and fruit setting stimulation
- Protecting coating for fruits and vegetables
- Enhanced fruit protection
- [Product Name] triggers SIR in sunflower which increases antioxidant activity and vitamin C levels in plants
- Extends the shelf life of treated fruit and vegetables
- Increased resin-based defense capability
- Increased harvest yields
- Help trees protect against pine beetles and blue stem mold
- Love your trees stop pine beetles
- Induced systemic resistance increases oleoresin flow and resinous lesion formulation
- Pre-arm trees while they have a fighting chance
- Proven effective to boost plant resistance
- Proven effective to elicit defense responses in pine trees
- Proven effective to elicit defense responses in pine trees against pine beetles and blue stain fungus
- Increases pine resin pitch-out to stop pine beetles
- Protects plants from harmful nematodes
- Protects plants and beneficial nematodes
- Stop the pine beetle
- Increases pine resin pitch-out when applied to the soil and/or needles, induces blue stain mold control for Integrated Pest Management (IPM) programs
- [Product Name] stimulates natural plant defense mechanisms in plants against environmental stress, pests, disease and drought
- Cost effective colloidal chitosan solution made from shellfish
- Inexpensive alternative to costly pesticides
- Generates healthy ROI for the grower
- Elicitor effect enhances plant defense mechanisms in combination with other seed treatmentsGenMax® provides a biostimulant effectfor your seed treatment program.
- Engineered for Performance
- Performance Engineered







Crop Name	Name of disease, pathogen, pest
Apple	Penicillium expansum
Apple	Botrytis cinerea and Penicillium expansum
Barley	Fusarium culmorum
Carrot	Sclerotinia sclerotiorum
Celery	Fusarium oxysporum
Citrus	Penicillium digitatum
Conifers	Ophiostoma minus
Grand fir	Bark Beetle
Grapes	Gray mold
Grasses	Gray mold
Loblolly Pine	Ophiostoma clavigerum
Lodgepole Pine	Ophiostoma minus
Lodgepole Pine	Ceratocystis clavigera
Norway spruce	Ceratocystis polonica (the bark beetle-associated blue stain fungus)
Oranges Lemons	Botrytis cinerea and Penicillium expansum
Peach	Botrytis cinerea
Peanuts	Penicillium
Peas	Nectria haematocca
Peas	Dendroctonus ponderosae (Mountain pine beetle [MPB)) associated
Pine	Blue stain fungus
Pinus Nigra	Sphaeropsis sapient and Diplodia scrobiculata
Potato	Penicillium
Potato	Verticillium
Potato	Rhizoctonia
Potato	Erwinia
Potato	Nematode
Potato	Late Blight
Slash Pine	Fusarium subglutinans, F. sp., Pini
Soybeans	Cyst Nematode
Soybeans	White Mold

Strawberry	Phytophthora cactorum
Tomato	Cucumber mosaic virus
Tomato	Fusarium oxysporum, F. sp.
Tomato	Cladosporium fulvum
Tomato	Nematode
Western Pines	Ophiostoma minus
Wheat	F. culmorum

{Label version date 6/10/2024}