

PROTECTION UPDATE

Fertilizers

DRAMM CORPORATION www.dramm.com

Drammatic One liquid fish fertilizer is now available in 5-gallon quantities. Previously, the smallest quantities of this fertilizer blend was a 55-gallon size. Drammatic One is a blend of organic nutrients aimed at enhancing nutrient density and plant health.

GEORGIA-PACIFIC www.gp.com/chemical

Georgia-Pacific Resins Inc. has entered a long-term agreement with **Wilbur-Ellis Co.** to expand the availability of Nitamin liquid fertilizers. As part of the agreement, Wilbur-Ellis will have the exclusive right to distribute Nitamin fertilizers to the specialty agriculture and commodity crop markets that Wilbur-Ellis currently serves in the U.S.

SPECIALTY FERTILIZER PRODUCTS www.specialtyfertilizer.com

Avail phosphate fertilizer enhancer is now available in three liquid formulations — a granular phosphate, a liquid phosphate, and an on-seed liquid phosphate. The new formulations allow for more tailored fertilizer application programs.

Fungicides

BASF www.agproducts.basf.com

• The **Power Yield Program** for potatoes combines **Endura**



(boscalid) and **Headline** (pyraclostrobin) to provide broad-spectrum disease control with sustainable resistance management, increasing the percentage of large tubers and providing control of

potato diseases.

• **Forum** (dimethomorph) received registration for use on potatoes and other vegetables for downy mildew and phytophthora disease control.

BIOSAFE SYSTEMS LLC www.biosafesystems.com

SaniDate disinfectant and **Micro-Blue** surfactant are available to complement **StorOx** for postharvest pathogen control. SaniDate is labeled for general disinfection applications for a broad spectrum of organisms including *E. coli* and *Salmonella*. MicroBlue is an emulsifier-surfactant concentrate formulated with biodegradable ingredients that break down oils, grease, or fats on surfaces or in water.

DOW AGROSCIENCES www.dowagro.com

• **Mancozeb**, the active ingredient in Dithan fungicides, received the nod for re-registration from EPA.

• New crop uses have been added to the **Quintec** (quinoxyfen) label, including melons, strawberries, and head and leaf lettuce. State registration is still pending in Florida.

DUPONT www.dupont.com/ag/products

Kocide 3000 (copper hydroxide) is a new



fungicide/bactericide that uses more active copper and less metallic copper to provide superior disease control on a variety of vegetables, including tomatoes, peppers, and cucurbits.

NATURAL INDUSTRIES www.naturalindustries.com


Actinovate SP (*Streptomyces lydicus strain WYEC 108*) can be sold in Florida and is for use on greenhouse vegetable crops. The product is a 100% soluble powder labeled for use against a broad spectrum of soilborne diseases when used as a drench and foliar dis-

eases when used as a spray.

OMNILYTICS INC. www.omnilytics.com

AgriPhage (bacteriophage), a bacteria-control product line, can be used in the greenhouse or the field and can be applied as a preventative or as a curative on tomatoes and pepper plants. The product controls bacterial spot or bacterial speck.

SYNGENTA CROP PROTECTION www.syngentacropprotection-us.com

• **Quadris** **Ridomil Gold**  (azoxystrobin)

received approval for use on potatoes.

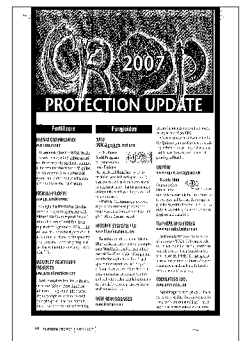
• **Ridomil Gold Bravo SC** (mefenoxam and chlorothalonil) can be used on potatoes, carrots, cabbage, cauliflower, broccoli, cucurbits, onions, garlic, and tomatoes. Syngenta is in the process of obtaining necessary state registration in Florida.

• **Switch 62.5 WG** (cyprodinil and fludioxonil) received EPA approval for use on beans (dry and succulent), herbs (dried and fresh), leafy vegetables (except spinach), and swiss chard. Florida registration is pending.

Herbicides

AMVAC CHEMICAL CORP. www.amvac-chemical.com

The new herbicide **Impact** (topramezone) provides postemergence control of important broadleaf weeds and key



grasses in sweet corn and popcorn. This product has excellent crop safety on all types of corn.

ARYSTA LIFESCIENCE

www.arystalifescience.com

Midas — a methyl bromide alternative — is currently being used in Florida under an EPA Experimental Use Permit. Midas is used to control a broad range of soilborne diseases, nematodes, weed seeds, and insects in strawberries, tomatoes, and peppers

BASF

www.agproducts.basf.com

Prowl H2O (pendimethalin) has been approved for use on carrots and other crops. This product is an effective pre-emergent herbicide that controls a wide range of grass and broadleaf weeds.

CHEMTURA CORP.

www.chemtura.com

Firestorm (paraquat dichloride) received registration as a defoliant and desiccant herbicide for control of weeds and grasses, and as a harvest aid. It is approved for use in dry beans, potatoes, and other vegetables.

DUPONT

www.dupont.com/ag/products

DuPont Crop Protection and Dow AgroSciences reached an agreement under which Dow will supply DuPont with acetochlor and acetochlor plus atrazine premix herbicides for pre-emergence use in corn, including sweet corn. Pending regulatory approvals, DuPont will offer acetochlor products for field use under the brand name **Breakfree**.

NUFARM AMERICAS INC.

www.nufarm.com

Nufarm Americas Inc. entered into an agreement with Zhejiang Xinan Chemical Industrial Group (Xinan) of China for the supply of glyphosate technical in the U.S. and other markets. Nufarm will use Xinan glyphosate as a supplementary source for its **Credit** brand and other products in the U.S. and subsequently for other Nufarm branded prod-

ucts worldwide.

SYNGENTA CROP PROTECTION

www.syngentacropprotection.com

The formulation of the herbicide **Gramoxone Inteon** (paraquat) is registered with the EPA for use on a variety of vegetables. Florida users are directed to Supplemental Label No. 21.

UNITED AGRI PRODUCTS

www.uap.com

Makaze, a glyphosate herbicide from Loveland Products, a business of United Agri Products, received federal registration and will be available for use on a variety of vegetable crops in 2007.

UNITED PHOSPHORUS INC.

www.upi-usa.com

- United Phosphorus Inc. introduced **Break-UP 50-WP** (propyzamide) to control grasses and broadleaf weeds in artichokes and lettuce.

- **Devrinol 50-DF** (napropamide) now is labeled for preplant incorporation or preplant-water incorporated. The previous label was for application post-plant. Devrinol is labeled for use under mulch.

- **Ultra Blazer** (acifluorfen) now can be used on strawberries.

VALENT U.S.A. CORP.

www.valent.com

Select Max (clethodim) herbicide with Inside Technology is available for use on onions, garlic, mustard seed, potatoes, dry beans, and other vegetables in Florida.

Insecticides

BIOWORKS

www.bioworksinc.com

BotaniGard (*Beauveria bassiana*) controls adult and larval stages of insects, including whiteflies, thrips, and aphids. The product can be used on most crops, including a variety of vegetables, and can be tank mixed with virtually all insecticides as well as some fungicides. The product has

no preharvest interval, and is exempt from residue tolerances.

CHEMTURA CORP.

www.chemtura.com

Rimon 0.83EC (novaluron) received EPA approval for use on head and stem brassica crops, including cabbage, broccoli, cauliflower, Brussels sprouts, Chinese mustard, and kohlrabi. Rimon controls armyworms, cabbage loopers, diamond-back moth, cabbageworm, webworm, cucumber beetles, and leafminers.

DOW AGROSCIENCES

www.dowagro.com

- **Entrust Naturalyte** has received label registrations for use in numerous crops, including stone fruit; legume and legume forages; mint; and bulb vegetables. Entrust, which has been accepted for use in organic crops, provides control of armyworms, leafrollers, fruitfly, as well as suppression of thrips and leafminers.

- **GF-120 NF Naturalyte** fruitfly bait received label registration for control of tephritid fruitflies within any tree, fruit, nut, vine, vegetable, or food crops, ornamentals, and non-crop vegetation that can serve as a resting place for adult flies. Pests controlled or suppressed include apple maggot, Caribbean fruitfly, cherry fruitfly, Mediterranean fruitfly, melon fly, Mexican fruitfly, olive fly, Oriental fruitfly, and walnut husk fly.

- **Success** (spinosad) received EPA registration to suppress thrips, armyworms, loopers, leafminers, European corn borer, and flea beetle in bulb vegetables, including onions and garlic. This product has a one-day preharvest interval and a four-hour re-entry interval.

FMC CORPORATION

www.cropsolutions.fmc.com

Beleaf received EPA approval for control of aphids and plant bugs in leafy and fruiting vegetables, brassicas, cucurbits, potatoes, pome, and stone fruit crops.

MAKHTESHIM AGAN OF NORTH AMERICA (MANA)
www.manainc.com

- **Pasada 1.6F** (imidacloprid) insecticide received EPA approval and is labeled for use on strawberries and several vegetables.

- **Alias** (imidacloprid) insecticide received EPA approval for soil applications in fruits and vegetables.

NUFARM

www.nufarm.com

Nuprid 2F and **Nuprid 1.6F** (imidacloprid) have received federal and

state registrations. Both are targeted for use on beetles, aphids, whiteflies, leaf hoppers, and other chewing and sucking insects in potatoes, grapes, citrus, apples, pears, melons, tomatoes, peppers, broccoli, lettuce, and other vegetables. Nuprid 2F will be labeled for soil uses, while Nuprid 1.6F will be labeled for foliar uses.

ROTAM AGROCHEMICAL

www.rotamagro.com

Abacus (abamectin) received EPA approval for control of mites, certain leafhoppers, leafminers,

thrips, and the Colorado potato beetle. Abacus is labeled on celery, cucurbits, lettuce, peppers, potatoes, strawberries, and tomatoes.

SYNGENTA CROP PROTECTION

www.syngentacropprotection.com

Cruiser (thiamethoxam) seed treatment insecticide received EPA approval for an expanded range of application rates in potatoes. Cruiser offers protection from potato insect pests including aphids, Colorado potato beetle, leafhoppers, potato psyllid, flea beetle, leafminers, whiteflies, and wireworm.

