

Item 8018

Herbicides, Insecticides, and Additives (Materials Only)



1. DESCRIPTION

Provide Herbicide, Insecticide, and Additive materials of uniform quality that meet the requirements of the specifications.

2. MATERIALS

Furnish new materials that comply with the requirements listed in Table 1.

Table 1
Material Requirements

Product Name or Function	Active Ingredient Requirement	Product Size and Ordering Requirement	Product Description
Escort XP ¹	Metsulfuron-methyl Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]-carbonyl]amino]sulfonyl]benzoate 60%	UOM: Each 1 Each is a 4 Pound Container	Herbicide with pre and post emergent activity, selective for many broadleaf weeds and formulated as a dry herbicide in the form of dispersible granules.
Transline ¹	Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt 40.9%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Selective for many broadleaf weeds and woody species. Formulated as a liquid solution.
Pathfinder II ¹	triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, butoxyethyl ester 13.6%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Herbicide formulated as a liquid solution for basal bark and cut stump treatments.
Capstone ¹	Aminopyralid: Triisopropanolammonium salt of 2-pyridine carboxylic acid, 4-amino-3,6-dichloro-2.22% Triclopyr: Triethylamine salt of [(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid) 16.22%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Herbicide with pre and post emergent activity formulated as a liquid solution. Selective for a variety of broadleaf weeds, vines, and woody species.
Esplanade 200SC ¹	Indaziflam 19.05%	UOM: Each 1 Each is a	Pre-emergent, soil active herbicide formulated as a liquid solution. Selective for many

		32 oz. Container	grasses and broadleaf weeds.
RoundUp Pro Max ¹	*Glyphosate, N-(phosphonomethyl)glycine, in the form of its potassium salt 48.7%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Post emergent herbicide formulated as a liquid solution. Non-selective.
Outrider ¹	Sulfosulfuron 75%	UOM: Each 1 Each is a 20 oz. Container	Herbicide formulated as a dispersible granule. Selective for broadleaf weeds and grasses.
Vista XRT ¹	fluroxypyr 1-methylheptyl ester: ((4-amino-3,5- dichloro-6-fluoro-2-pyridinyl)oxy)acetic acid, 1-methylheptyl ester 45.52%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Post emergent herbicide formulated as a liquid solution. Selective for broadleaf weeds, woody species, and vines.
Control WM ¹	Polyvinyl Polymer 37%	UOM: Each 1 Each is a 1 Quart Container	Drift control formulated as a liquid solution. Compatible with all pesticides.
Method 240SL ¹	Potassium salt of aminocyclopyrachlor Potassium salt of 6-amino-5-chloro-2 -cyclopropyl-4-pyrimidinecarboxylic acid 25%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Herbicide selective for woody species, formulated as a liquid solution.
Prevent Anti-Foam ¹	Dimethylpolysiloxane And formulation aids	UOM: Each 1 Each is 1 Case. A case has 12 containers with 1 quart per container.	Anti-foaming compound formulated as a liquid solution. Compatible with all pesticides.
Droplex ¹	100% Modified Vegetable Oil, polyoxyethylene sorbitan fatty acid ester, vegetable oil	UOM: Gallon	Deposition aid and drift control formulated as a liquid solution. Compatible with all pesticides and water types.

Vastlan ¹	Triclopyr choline: 2-[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid, choline salt 54.72%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Herbicide selective for woody species and broadleaf weeds, formulated as a liquid solution. Aquatic approved.
Aquatic Herbicide (Examples: RoundUp Custom, Rodeo, Aquamaster or Equivalent) ²	Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt 53.8%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Post emergent herbicide, formulated as a liquid solution. Selective for many weeds and woody species. Aquatic approved.
MSMA Herbicide (Examples: MSMA Plus, Target 6 PLUS, or Equivalent) ²	Monosodium acid methanearsonate (MSMA) 51.00%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 2.5 gal. per container.	Selective, post emergent herbicide formulated as a liquid solution. Selects for various grassy weeds and broadleaf weeds.
Imazamox Herbicide (Examples: Clearcast or Equivalent) ²	Ammonium salt of imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid 12.1%	UOM: Each 1 Each is 1 Case. A case has 2 containers with 1 gal. per container.	Selective herbicide, formulated as a liquid solution. Selective for many aquatic species and is aquatic approved.
JS 685 ¹	Pyrethrins 0.1% Piperonyl butoxide, technical 2-(2-butoxyethoxy) ethyl 6-propylpiperonyl ether 1.0% isopropyl alcohol/isopropanol, 2-propanol 1-5% Cyclohexane 50-70% Propane "propellant" 10-25% Isobutan "propellant" 10-25% Isoparaffinic hydrocarbon distillates (petroleum), hydrotreated light 1-5%	UOM: Each 1 Each is 1 Case. A case has 12 cans with 13 ounces per can.	Pesticide formulated to keep insects out of electrical boxes and equipment. Is active for up to 7 mo. Product is non-conductive.
Spray Adjuvant	Methylated vegetable oil, polyether modified polysiloxane, alkyl phenol ethoxylate 100%	UOM: Gallon	Methylated seed oil designed to increase penetration for control of brush and woody species. Product is aquatic approved.

Aerosol Wasp/ Hornet Killer	Tetramethrin 0.10% Permethrin 0.25% Piperonyl Butoxide 0.50%	UOM: Each 1 Each is 1	Pesticide formulated to contact kill wasps and hornets.
-----------------------------	--	------------------------------	---

	Other Ingredients 99.15%	Case. A case has 12 cans with 12 ounces per can.	
Surfactant	Alkylarypolyoxethylene glycols free fatty acids 90%	UOM: Gallon	Surfactant formulated as a liquid solution, increases absorption of spray mixes into target species. Product must be aquatic approved.

-
1. The Department has proprietary justification for the purchase and use of this specific product.
 2. The herbicide examples listed are approved for use. The contractor may propose an equivalent product, which may be approved for use after a 3yr. evaluation period. Contact the Vegetation Management Section in the Maintenance Division (MNT_Vegetation@txdot.gov) for further information.

3. MEASUREMENT AND PAYMENT

3.1 Measurement:

This Item will be measured by the gallon or each of the size shown in Table 1. For other sizes, see the project General Notes.

3.2 Payment:

The materials furnished in accordance with this Item will be paid for at the unit bid price for the Herbicide, Insecticide, or Additive material specified. This price is full compensation for furnishing and delivering materials.