UMass Soil Lab-Master Crop Code List

Lime and nutrient recommendations are provided on your test report specifically for the crop code(s) you identify on your soil sample submission form and are based on the analytical results for your sample. A list of crop codes is provided below. Select the crop code that best describes your management objectives. You may select up to three codes.

Turf

Description	Crop Code
Sports Turf/Golf Fairway-Establishment	T1E
Sports Turf/Golf Fairway-Maintenance	T1M
Golf Greens and Tees-Establishment	T2E
Golf Greens and Tees-Maintenance	T2M
Lawn-Establishment	HA1
Lawn-Maintenance	HA2

Home Grounds, Gardens, and Landscaping

Description	Crop Code
Flowers, Roses, & Herbs	HB3E
Home Vegetable Garden (mixed)	HB1
Home Blueberries-Establishment	HD1E
Home Blueberries-Maintenance	HD1M
Home Brambles-Establishment	HD2E
Home Brambles-Maintenance	HD2M
Home Strawberries-Establishment	HD3E
Home Strawberries-Maintenance	HD3M
Home Grapes, American Varieties-Establishment	HD4E
Home Grapes, American Varieties-Maintenance	HD4M
Home Grapes, European Varieties-Establishment	HD5E
Home Grapes, European Varieties-Maintenance	HD5M
Deciduous Trees, Shrubs & Vines-Establishment	HC1E
Deciduous Trees, Shrubs & Vines-Maintenance	HC1M
Needleleaf Trees & Shrubs-Establishment	HC2E
Needleleaf Trees & Shrubs-Maintenance	HC2M
Acid-loving Trees, Shrubs, & Groundcover-Establishment	HC3E
Acid-loving Trees, Shrubs, & Groundcover -Maintenance	HC3M

Commercial Ornamentals and Nursery

Description	Crop Code
Cut Flowers	N8
Christmas Trees-Establishment	N7E
Christmas Trees-Maintenance	N7M
Nursery Trees & Shrubs,	
Deciduous-Establishment	N2E
Deciduous-Maintenance	N2M
Broadleaf Evergreen-Establishment	N6E
Broadleaf Evergreen-Maintenance	N6M
Fir-Establishment	N3E
Fir-Maintenance	N3M
Pine-Establishment	N4E
Pine-Maintenance	N4M
Spruce-Establishment	N5E
Spruce-Maintenance	N5M

Commercial Fruit

Description	Crop Code
Apples - Establishment	FAE
Apples - Maintenance	FAM
Pears - Establishment	FPEE
Pears - Maintenance	FPEM
Plums - Establishment	FPLE
Plums - Maintenance	FPLM
Stone Fruit - Establishment	FSFE
Stone Fruit - Maintenance	FSFM
Blueberries - Establishment	FBE
Blueberries - Maintenance	FBM
Cranberries - Establishment	FCE
Cranberries - Maintenance	FCM
Raspberries/Brambles -Establishment	FRE
Raspberries/Brambles - Maintenance	FRM
Grapes: American - Establishment	FGAE
Grapes: American - Maintenance	FGAM
Grapes: European - Establishment	FGEE
Grapes: European - Maintenance	FGEM
Strawberries - Establishment	FSTE
Strawberries - Maintenance	FSTM
Hops - Establishment	FHE
Hops - Maintenance	FHM

Commercial Vegetables

Description	Crop Code
Asparagus - Establishment	VASE
Asparagus - Maintenance	VASM
Basil	VBA
Beans: Dry/Snap/Lima	VBEA
Beets, Swiss Chard	VBEE
Broccoli	VBR
Cabbage, Cauliflower	VCAB
Carrots, Parsnips	VCAR
Celery	VCE
Collards	VCO
Cucumbers, Melons	VCU
Eggplant	VEG
Garlic	VGA
Leafy Greens	VLEA
Lettuce	VLET
Muskmelon	VMU
Okra	VOKR
Onions, Leeks	VON
Ornamental Corn	VORC
Ornamental Gourds	VORG
Peas	VPEA
Peppers	VPEP
Potatoes	VPO
Pumpkins	VPU
Radishes	VRA
Rhubarb - Establishment	VRHE
Rhubarb - Maintenance	VRHM
Spinach	VSP
Sweet Potato	VSPT
Squash	VSQ
Sweet Corn, Early	VSWE
Sweet Corn, Full Season	VSWF
Tomatoes	VTO
Rutabagas, Turnips	VTU
Watermelon	VWA

Forages and Grains

Nutrient recommendations (e.g., N and K_2O) for several forage and grain crops are adjusted based on expected yield to account for difference in nutrient demand and removal. For these crops the range and default expected yield are provided below. Providing information about your expected yield, where appropriate, will improve your recommendations.

Description	Expected yield range, default, units	Crop Code
Corn for Silage	15 to 30, 25 tons/ac	3A
Corn for Grain	100 to 225, 150 bu/ac	3B
Soybeans	N/A	3F
Dry Beans, Peas, Buckwheat	N/A	3E
Sorghum-sudan, Sudangrass, Sunflower	N/A	3C
Oats, Barley, Rye, Wheat, Triticale, Millet	45 to 90, 60 bu/ac	3D
Hay Crops		
Grass/Alfalfa mix; 60-100% legume-Establishment	N/A	1BE
Grass/Alfalfa mix; 60-100% legume-Maintenance	2 to 6, 4 tons/ac	1BM
Grass/Alfalfa mix; 20-60% legume-Establishment	N/A	1AE
Grass/Alfalfa mix; 20-60% legume-Maintenance	2 to 6, 4 tons/ac	1AM
Grass/Clover or Trefoil; 20-60% legume-Establishment	N/A	1CE
Grass/Clover or Trefoil; 20-60% legume-Maintenance	2 to 6, 4 tons/ac	1CM
Grass/Clover or Trefoil; 60-100% legume-Establishment	N/A	1DE
Grass/Clover or Trefoil; 60-100% legume-Maintenance	2 to 6, 4 tons/ac	1DM
Orchard, Reed Canary, Tall Fescue, Ryegrass – Establishment	N/A	1EE
Orchard, Reed Canary, Tall Fescue, Rye grasses – Maintenance	2 to 6, 4 tons/ac	1EM
Timothy & mixtures-Establishment	N/A	1FE
Timothy & mixtures-Maintenance	2 to 6, 4 tons/ac	1FM
Grass Pasture – Establishment	N/A	2AE
Grass Pasture – Maintenance	N/A	2AM
Grass Pasture – Intensively Managed	N/A	2AMI
Horse Pasture – Establishment	N/A	2BE
Horse Pasture – Maintenance	N/A	2BM
Conservation Planting-Warm Season Grasses-Establishment	N/A	4AE
Conservation Planting-Warm Season Grasses-Maintenance	N/A	4AM
Conservation Planting-Wildlife Food Plot-Establishment	N/A	4BE
Conservation Planting-Wildlife Food Plot-Maintenance	N/A	4BM

Other

Description	Crop Code
Data only, including micronutrients	Y1