

## UMass Soil Lab-Master Crop Code List

To receive lime and nutrient recommendations on your test report, you must specify the appropriate Crop Code(s) on your soil sample submission form. These recommendations are based on analytical results for your sample. Please select up to three Crop Codes that best describe your management objectives from the list below.

### Turf/Lawn – Recommendations given per 1,000 sq. ft.

<b>Description</b>	<b>Crop Code</b>
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, & Landscaping – Recommendations given per 100 sq. ft.

<b>Description</b>	<b>Crop Code</b>
Flowers, Roses & Herbs.....	HB3E
Home Vegetable Garden (mixed).....	HB1
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
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

### Commercial Ornamentals & Nursery - Recommendations given per 1,000 sq. ft.

<b>Description</b>	<b>Crop Code</b>
Cut Flowers.....	N8
<u>Nursery Trees &amp; Shrubs</u>	
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

### Christmas Trees – Recommendations given per acre

<b>Description</b>	<b>Crop Code</b>
Christmas Trees-Establishment.....	N7E
Christmas Trees-Maintenance.....	N7M

**Commercial Fruit** – Recommendations given per acre

<b>Description</b>	<b>Crop Code</b>
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** – Recommendations given per acre

<b>Description</b>	<b>Crop Code</b>
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
Turnips, Rutabagas.....	VTU
Watermelon.....	VWA

**Forages and Grains** – An adjustment to nutrient recommendations (e.g., N and K<sub>2</sub>O) for several forage and grain crops is based on expected yield, which accounts for difference in nutrient demand and crop removal. Listed below is the expected yield range and default values for these crops. Please provide information about your expected yield when appropriate to improve your recommendations. *Recommendations given per acre.*

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

**Other**

<b>Description</b>	<b>Crop Code</b>
Data only, including micronutrients .....	Y1