

Fertilizer Table

All of the fertilizers listed below are readily available on Cape Cod in garden supply shops/nurseries.

Fertilizers with an “x” to the left side are “**preferred**”- they have less impact on the water- surface and ground.

Fertilizer name (N-P-K) refers to the % of nitrogen, phosphorus, and potassium in the named fertilizer bag.

Source/production process: Chemical =derived from non-renewable resource (petroleum); biological=sustainable.

% N refers to the percentage of nitrogen in the fertilizer.

% water-soluble N refers to the percentage of quickly available nitrogen in the fertilizer, (higher numbers more likely to leach into water).

% P refers to the percentage of available phosphate in the fertilizer.

The last column indicates the formulations containing pesticides*. For specific information on the toxic effects of these pesticides on humans and the environment, the EXTOTNET (EXTension TOXicology NETwork data-base can be retrieved on the Internet at any CLAMS Library on CapeCod--<http://extonnet.orst.edu/pips/ghindex.html>.

	FERTILIZER NAME (N-P-K) N=% nitrogen in product P=% Phosphate, K=%Potassium	SOURCE or Production Process	% N	% of WATER SOLUBLE N or P	% P	Other Ingredients/ Comments
X	GRASS CLIPPINGS (4-1-2-)	BIOLOGICAL	4	MEDIUM	1	REDUCES NEED FOR FERTILIZER BY 50%!
X	FINISHED COMPOST (RATIO VARIES WITH INGREDIENTS)	BIOLOGICAL	0.4-3.5	MEDIUM	0.3-3.5	IMPROVES SOIL QUALITY, DRAINAGE, WATER- HOLDING CAPACITY
X	SEAW EED (1.5-0.7-5)	BIOLOGICAL	1.5	MEDIUM	0.7	MICRONUTRIENTS
X	LEAF MOLD (1-0.4-1)	BIOLOGICAL	1.0	MEDIUM	0.4	ORGANIC MATTER
X	HORSE MANURE-COMPOSTED (0.7-0.5-0.6)	BIOLOGICAL	0.7	MEDIUM	0.5	SOIL CONDITIONER, ADDS ORGANIC MATTER & BIOLOGICAL ACTIVITY
X	COW MANURE-COMPOSTED (0.5-0.2-0.5)	BIOLOGICAL	0.5	MEDIUM	0.2	SAME AS ABOVE
X	COAST OF MAINE- FERMENTED SALMON (1.4-0.2-0.2)	BIOLOGICAL	1.4	1.4	0.2	MICRONUTRIENTS, AMINO & FATTY ACIDS, VITAMINS,
	SLUDGE (4-2.5-0) (ingredient of “organic-based” fertilizers)	TREATED SEWAGE	4	MEDIUM	2.5	MAY CONTAIN HEAVY METALS & OTHER UNKNOWN TOXINS
X	PURE BARNYARD’S WEED & FEED COCKADOODLE DOO (5-3-2) CORN GLUTEN MEAL (10-1-1)	BIOLOGICAL (CHICKEN, CORN)	5 10	2.25	3 1	Certified ORGANIC (NOFA/Mass) MILKY SPORE GRUB CONTROL, ORGANIC WEED CONTROL
	MILORGANITE (6-2-0)	SEWAGE SLUDGE from MILWAUKEE	6	.75	2	MAY CONTAIN HEAVY METALS & OTHER UNKNOWN TOXINS
X	ORGANICA-LAWN BOOSTER (8-1-0.6)	BIOLOGICAL (CORN GLUTEN,SOYMEAL)	8	0.44	1	BENEFICIAL MICROBES
X	NORTH COUNTRY ORGANICS- NATURE’S TURF (8-1-9)	BIOLOGICAL	8	2.2	1	
	AGWAY’S ORGANIC LAWN FOOD (8-2-4)	CHEMICAL & BIOLOGICAL	8	3.2	2	5% CALCIUM
	DRIED BLOOD (12-0-0)	BIOLOGICAL	12	HIGH	0	
	ESPOMA ORGANIC (18-8-6)	CHEMICAL & BIOLOGICAL	18	7	8	
	ROCK PHOSPHATE (0-3-0)	MINED	0	LOW	3	11 TRACE MINERALS
	BONE MEAL (STEAMED) (0-9-0)	BIOLOGICAL	0	MEDIUM	9	
	AGWAY’S 4 STAGE LAWN PROGRAM: (See stages below)	CHEMICAL				
	Stage 1 (22-4-10)	CHEMICAL	22	18.5	3	BENEFIN & TRIFLURALIN (pesticides)*
	Stage 2 (27-4-6)	CHEMICAL	27	23.2	4	2,4-D, MECOPROP & DICAMBA (pesticides)*
	Stage 3 (25-3-3)	CHEMICAL	25	21.25	3	DIAZINON (pesticide)*
	Stage 4 (25-3-13)	CHEMICAL	25	NA	3	11% CHLORINE
	K (GRO PREMIUM with POLYON (28-3-4)	CHEMICAL	28	20.5	3	DITHIOPYR (pesticide)*
	SCOTT’S TURF BUILDER / PLUS 2 WEED CONTROL (28-3-3)	CHEMICAL	28	27.5	3	2,4-D & MECOPROP (pesticides)*
	SCOTT’S MIRACLE-GRO (31-3-9)	CHEMICAL	31	21	3	
	GREENVIEW GREEN POWER (30-4-4)	CHEMICAL	30	24.8	4	CHLORINE
	SCOTT’S SUPER TURF BUILDER (30-3-3)	CHEMICAL	30	29	3	
	SCOTT’S 4 STEP LAWN PRO PROGRAM: (See steps below)	CHEMICAL				
	Step 1 (32-3-10)	CHEMICAL	32	31.1	3	PENDIMETHALIN (pesticide)* + CHLORINE
	Step 2 (29-3-3)	CHEMICAL	29	27.9	3	2,4-D, MECOPROP & DICAMBA (pesticides)*
	Step 3 (28-4-6)	CHEMICAL	28	26.1	4	DIAZINON (pesticide)*+ SULFUR
	Step 4 (31-3-10)	CHEMICAL	31	29.8	3	CHLORINE