

<b>Gums</b> Class: CT Nonsynthetic gums are allowed, including but not limited to, arabic gum, carob bean gum, guar gum, and locust bean gum. See also related gums categories in the Processing and Handling section. <b>NOP Reference:</b> 205.105	<b>Allowed</b> Nonsynthetic	<b>Horticultural Oils</b> See OILS.	
<b>Gypsum By-products</b> Class: CF Gypsum produced as a by-product of superphosphate manufacture (the reaction of rock phosphate and sulfuric acid), from precipitation of sulfur dioxide gas with limestone, or from dry-wall rejects is prohibited. <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic	<b>Human Excrement</b> Class: CF <b>NOP Reference:</b> 205.105(g)	<b>Prohibited</b> Nonsynthetic
<b>Gypsum, mined source</b> Class: CF Calcium sulfate; only mined forms are acceptable. See also GYPSUM BY-PRODUCTS; MINED MINERALS, UNPROCESSED. <b>NOP Reference:</b> 205.203(d)(2)	<b>Allowed</b> Nonsynthetic	<b>Humates</b> Class: CF Acceptable if derived from leonardite, lignite, or coal; not acceptable if fortified with synthetic nutrients. See Glossary for definition of "humates." See also MINED MINERALS, UNPROCESSED. <b>NOP Reference:</b> 205.203(d)(2)	<b>Allowed</b> Nonsynthetic
<b>Hair</b> Class: CF Animal material. <b>NOP Reference:</b> 205.105	<b>Allowed</b> Nonsynthetic	<b>Humic Acid Derivatives, Fortified</b> Class: CF Humic acid derivatives that are extracted with prohibited materials and/or fortified with prohibited synthetic fertilizers, including potassium hydroxide, are prohibited. See Glossary for definition of "humic acid derivatives." <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic
<b>Herbicides</b> Class: CP The need for and use of herbicides derived from natural sources should be explained in the Organic System Plan. May only be used if the requirements of 205.206(e) are met, which requires the use of preventive, mechanical, physical, and other pest, weed, and disease management practices. <b>NOP Reference:</b> 205.206(c) & 205.206(e)	<b>Allowed With Restrictions</b> Nonsynthetic	<b>Humic Acid Starting Materials</b> Class: CF Includes dry products containing humates and synthetic extractant. Must be extracted with the addition of water prior to use. <b>NOP Reference:</b> 205.601(j)(3)	<b>Allowed With Restrictions</b> Synthetic
<b>Herbicides</b> Class: CP Prohibited unless specifically permitted. See also MULCH; SOAP, AMMONIUM. <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic	<b>Humic Acids</b> Class: CF, CT Naturally occurring deposits of humic acids and water extracted humates. See also HUMIC ACIDS, ALKALI EXTRACTED; HUMATES. <b>NOP Reference:</b> 205.203(d)(2); 205.601(j)(3)	<b>Allowed</b> Nonsynthetic
<b>Homeopathic Preparations</b> Class: CF, CT Must be composed entirely of allowed materials. <b>NOP Reference:</b> 205.105(a), 205.601 & 205.603	<b>Allowed</b> Synthetic/Nonsynthetic	<b>Humic Acids – alkali extracted</b> Class: CF, CT Also called humic acid derivatives. Extracts from nonsynthetic humates by hydrolysis using synthetic or nonsynthetic alkaline materials are permitted. Includes humates that are extracted using potassium hydroxide and ammonium hydroxide, provided that the synthetic extractant is limited to the amount necessary for extraction and is not used to fortify the potassium or nitrogen analysis. Some humic acid derivatives may be used both as an adjuvant or inert ingredient in EPA registered and exempt pesticides. See also HUMATES; HUMIC ACIDS; INERTS, LIST 4. <b>NOP Reference:</b> 205.601(j)(3)	<b>Allowed</b> Synthetic
<b>Hoof and Horn Meal</b> Class: CF Animal material. <b>NOP Reference:</b> 205.105	<b>Allowed</b> Nonsynthetic	<b>Hydrated Lime</b> Class: CP For plant disease control. May only be used if the requirements of 205.206(e) are met, which requires the use of preventive, mechanical, physical, and other pest, weed, and disease management practices. <b>NOP Reference:</b> 205.206(e); 205.601(i)(4)	<b>Allowed With Restrictions</b> Synthetic
<b>Hormones</b> See GROWTH REGULATORS FOR PLANTS.		<b>Hydrated Lime</b> Class: CF Prohibited as a soil amendment. <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic
<b>Horticultural Oils</b> See OILS.		<b>Hydrochloric Acid (Muriatic)</b> Class: CT <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic
<b>Horticultural Oils</b> Class: CP, CT See also OILS, HORTICULTURAL. <b>NOP Reference:</b> 205.105(a)	<b>Prohibited</b> Synthetic		