

SOFI OCN - OC&C: Unit 2 Theory of Organic Cultivation Element 14

WEEDS (from MEA ALLAN)

1. As indicators of soil quality and conditions -

Acid: Spurrey / Corn Chamomile / Henbit / Sheep's Sorrel / Wild Radish / Black Bindweed / Mercury / Common Storksbill / Shepherd's Purse

Alkali: Mouse-Ear Chickweed / Fumitory / Corn Poppy / Wild Carrot / Hoary Plantain / Night-Flowering Campion

Neutral: Forget-Me Not / Coltsfoot / Milk-Thistle / Mayweed / Curled Dock / Creeping Thistle / Goosegrass / Yarrow / Penny Cress / Sun Spurge / Long-Headed Poppy

2. As Accumulators (Stores And Providers Of Elements)

Nitrogen:

Bindweed / Dock / Chickweed / Clovers / Creeping Thistle / Dandelion / Fathen / Groundsel / Knotgrass / Purslane / Redshank / Sow Thistle / Nettle / Vetches / White Campion / Yarrow

Calcium:

Coltsfoot / Corn Chamomile / Creeping Thistle / Daisy / Dandelion / Fat Hen / Goosegrass / Plantsin / Horsetail / Purslane / Scarlet Pimpernel / Shepherd's Purse / Silverweed / Nettle

Potassium:

Dock / Buttercup / Chickweed / Coltsfoot / Couch / Fat Hen / Great Plantain / Purslane / Nettle / Tansy / Thistles / Tufted Vetch / Yarrow

Phosphorous:

Dock / Buttercup / Fat Hen / Purslane / Vetch / Yarrow

Iron: Buttercup / Chickweed / Chicory / Coltsfoot / Crosswort / Creping Thistle / Dandelion / Fat Hen / Plantain / Ground Ivy / Groundsel / Horsetail / Silverweed / Nettle

Copper:

Buttercup / Chickweed / Coltsfoot / Thistles / Dandelion / Plantain / Nettle / Vetch / Yarrow

Magnesium: Chicory / Coltsfoot / Daisy / Horsetail / Plantain / Yarrow

Boron: Spurges

Cobalt: Buttercup / Horsetail / Plantain / Rosebay / Tufted Vetch

Manganese: Buttercup / Chickweed

Silica: Horsetail / Couch / Plantain / Knotgrass / Nettle

Sulphur: Coltsfoot / Fat Hen / Garlic / Purslane

3. Deficiencies (from RODALE ENCYCLOPEDIA OF ORGANIC HORTICULTURE)

<u>MINERAL</u>	<u>DEFICIENCY SYMPTOMS</u>	<u>ACCUMULATORS</u>	<u>SOURCES</u>
BORON	Dwarf / Heartrot / Stemcrack	Melon / Clover / Vetch	Granite
CALCIUM	Blackheart / Tipburn / Endrot	Worms / Brassica Bonemeal/Gypsum/Limestone	
CHLORINE	Wilting / Stubby Roots	Any Green Plant	Rainwater
COPPER	Dwarfing / Dieback	Dandelion / Spinach / Tobacco	Sawdust
IRON	Chlorosis / Anaemia	Any Green Plant	
MAGNESIUM	Mottled Leaf / Botchy Flower	Any	Dolomite / Lime / Talc
MANGANESE	Stunted / Chlorotic / Poor Leaf Colour	Alfalfa/Carrot	Leafmould
MOLYBDENUM	Necrosis Of Leaf-Edges	Alfalfa / Vetch	Phosphate
SULPHUR	Slow Growth / Leaf Necrosis	Cabbage / Legumes	Gypsum / O.M.
ZINC	Poor Fruit / Dieback	Corn / Ragweed / Vetch	Manure

Learner Sig.

Date

Assessor Sig.