Farm Structures Types

**Barns**

*Code 201 – Type 1 Barn Str.*
- 1st Flr Stable – 8’ to 10’ ht.
- 2nd Flr Loft – Side walls 12’ to 18’
- Roof – Gambrel, Gable or Gothic

*Code 202 – Type 11 Barn Str.*
- Ht. – 10’
- Similar to 201, no sidewalls on upper Roof – Gambrel, Gable or Gothic

*Code 203 – Type 111 Barn* (basically the difference between a 203 and 204 is one is insulated and the other is not – for similar class).
- CL 4 – also referred as a Drive Shed
- 3 wall structure.
- Can be simple – 3 walls, shed roof, horse shelter, storage, etc.

*1st Flr Stable*
- 8’ to 10’ ht.
- CL 2 – attached to another bldng.
- CL 3 – freestanding, as shown below typically, used for hay storage
- Pole barns, no walls

*2nd Flr Loft*
- Side walls 12’ to 18’
- Similar to 201, no sidewalls on upper Roof – Gambrel, Gable or Gothic

*Roof – Gambrel, Gable or Gothic* typically, used for hay storage
- Can be simple – 3 walls, shed roof, horse shelter, storage, etc.

*3 classes – CL 4 – wood foundation
- CL 5 & 6 – masonry foundation

*Str. Code 204 – Type IV Insulated Barn*– livestock, pigs, dairy, etc.
- HT. – 10’, Roof – Gable
- Modern one sty. Structure

*Str. Code 211 – Milking Centres* (Within the Barn)
- 3 wall str. – attached to barn
- Modern one sty. Structure

*Str. Code 212 – Milking Parlours* (Within the Barn)
- 3 wall str. – attached to barn
- Modern one sty. Structure

*Str. Code 215 – Single Sty. Caged Pullets*
- 2 classes 5 & 6
- Need sf. & wall ht.

*Str. Code 216 – 2 Sty. Broiler Barn* can be 1, 2 or 3 sty, min. 15000 birds
- Poultry building with str#232 bulk feed tank
- Need sf. & # of sty.

*Str. Code 217 – High-Rise* 3 classes – CL 4 lowest to 6 highest
- In the other 2, disposal of manure, use mechanical cleaning device or powered scraper. “High Rise” str. – suspended over enclosed manure storage area. This provides ample storage area. This provides ample storage for long term collection.

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Farm Structures Types

Greenhouses

Str. Code 250 - Greenhouse
Free-Standing Greenhouse
Need sf., wall ht. & exterior

Str. Code 252 - Greenhouse
Ridge & Valley, Type 2A
Need sf., wall ht. & exterior

Str. Code 254 - Greenhouse
Ridge & Valley, Type 2B
Heavy steel frame, ht., sf. & exterior

Str. Code 256 - Greenhouse
Bow or Curved
Need sf., wall ht. & exterior

Str. Code 258 - Greenhouse
Economy
Need sf.

Free-Standing Greenhouse

Ridge & Valley, Type 2A
T1-Glass, T2-Acrylic, T3-Fibreglass,
T4-Double Plastic

Ridge & Valley, Type 2B
T1-Glass, T2-Acrylic, T3-Fibreglass,
T4-Double Plastic

Bow or Curved
T1-Glass, T2-Acrylic, T3-Fibreglass

Economy
T1-Double Polyethylene
T2-Corrugated Fibreglass

Manure Tanks

Str. Code 282
Rectangular Manure Tank
with Slatted Floor
Concrete or Wood Slatted Floor

Str. Code 284
Freestanding Rectangular Manure
Tank. T1- open top tank
T2-tank with top.

Str. Code 286
Circular Concrete Manure
Tank. T1- open top tank
T2-tank with top.

Str. Code 288
Liquid Manure Steel Tank
T1- Slurrystore – 101'dia. X 23'depth
T2- Other supplier (RC flat rate = $165800)

Str. Code 289
Coverall: T1 with
double plastic covering
width 20' to 30', any length

Rectangular Manure Tank

Freestanding Rectangular Manure
Tank. T1- open top tank
T2-tank with top

Circular Concrete Manure
Tank. T1- open top tank
T2-tank with top

Liquid Manure Steel Tank
T1- Slurrystore – 101'dia. X 23'depth
T2- Other supplier (RC flat rate = $165800)

Coverall: T1 with
double plastic covering
width 20' to 30', any length

Need Flr area LXW, & depth floor wall ht.
Floor area LXW, Depth Top of tank
Floor to the top of the tank wall.
Need diameter and depth
Standard ht. 8', 12' & 16'.
Need ht. & diameter
additives to coverall may exist. May be on a str. 229,
Add for Hydro, floor, ends enclosed-over head doors, etc.
Farm Structures Types

Weigh Scales

Str. Code 594
Industrial Yard Work (value using the 1969 Industrial Manual)
Enclosed Scale Open Scales

If not used in conjunction with comm. or ind. use, (used for farm purposes only) apply farm obsolescence. Modify using ind. modifier and depreciation. If not erected on a concrete pit, reduce rate by half.

<table>
<thead>
<tr>
<th>Product</th>
<th>bushels/tonne</th>
<th>pounds/bushel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>36.744</td>
<td>60</td>
</tr>
<tr>
<td>Pea</td>
<td>36.744</td>
<td>60</td>
</tr>
<tr>
<td>Flaxseed</td>
<td>59.368</td>
<td>56</td>
</tr>
<tr>
<td>Sorghum</td>
<td>39.368</td>
<td>56</td>
</tr>
<tr>
<td>Mustard Seed</td>
<td>44.092</td>
<td>50</td>
</tr>
<tr>
<td>Burlap</td>
<td>46.990</td>
<td>48</td>
</tr>
<tr>
<td>Oats</td>
<td>64.842</td>
<td>34</td>
</tr>
<tr>
<td>Sunflower Seed</td>
<td>73.487</td>
<td>30</td>
</tr>
<tr>
<td>Soybeans</td>
<td>36.744</td>
<td>60</td>
</tr>
<tr>
<td>Rye</td>
<td>39.368</td>
<td>56</td>
</tr>
<tr>
<td>Rapeseed</td>
<td>44.092</td>
<td>50</td>
</tr>
<tr>
<td>Barley</td>
<td>45.990</td>
<td>48</td>
</tr>
<tr>
<td>Rice</td>
<td>46.990</td>
<td>45</td>
</tr>
</tbody>
</table>

Material Conversions: Refer to ‘Agricultural Conversions’ in the farm manual on the intranet for more details and conversion examples.

Silos

Str. Code 220
Type 1 – Wood Silo
Need Ht. & diameter

Str. Code 224
Type 2 – Concrete Stave
Type 3 – Concrete Block
Type 4 – Poured Concrete
Type 5 – T1 – high moisture grain
T2 – Forage, i.e., corn kernels
(Concrete top) Ht. & diameter

Str. Code 225
1 & 2, Cronphandler

Str. Code 226
Feedstor

Str. Code 227 (Haylage & Silage)

(Note str. 224 to 228 as all oxygen – limiting silos)

Str. Code 220 need to In-place cost the dome
Note: roof type, such as: galvanized, coloured steel, aluminum, aluminized steel, and fibre glass
Farm Structures Types

Str. Code 228
Sealstor Silo

Str. Code 229
Horizontal Silo (with or without roof)

Str. Code 230 – (Storage bin)
Steel Grain Bin, need capacity

Str. Code 232 – (Feed tanks)
Circular Bulk Feed Tank, need capacity

Str. Code 234
Rectangular Bulk Feed Tank

Sealstor silo
Horizontal Silo (with or without roof)
Steel Grain Bin, need capacity
Circular Bulk Feed Tank, need capacity
Rectangular Bulk Feed Tank

Miscellaneous Structures

Str. Code 236
Steel Corn Crib
need ht. & diameter

Str. Code 237
Wood Corn Crib

Str. Code 238
Drive Through Corn Crib
Need size & ht

Str. Code 240
Traditional Pack Barn with attached
Stripper Room. 2 classes generally,
75 – old style, 76 – new style.
with exceptions, old good quality use cl. 6
newer, cheap construction use cl. 5.

Str. Code 242
Interior Strip-room
Cost shell as a pack barn and use
Stripper room rate for interior

Str. Code 244
Standard Kiln
Type 1 – 3 doors, (RCN $4500)
approx. (20’X24‘)
Type 2 – 4 doors, (RCN $5300)
approx. (45’X25‘)

Str. Code 245
Bulk Kiln (newer style)
Need # of kilns/yr built
(Flat rate $4200/unit)
Farm Structures Types

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit &amp; Vegetable Storage</td>
<td>Fruit &amp; Vegetable Storage</td>
<td>Mink Shed – exterior</td>
<td>Mink Shed – interior</td>
<td></td>
</tr>
<tr>
<td>(Pallet Type) 4’X4’X4’ HW boxes</td>
<td>(Bulk Type) 2 classes 5 &amp; 6</td>
<td>right on the ground, potatoes carrots</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

260 & 262 LXW plus partition walls length. # of doors and description of doors. Insulated steel or wood overhang or insulated side hung wood.

<table>
<thead>
<tr>
<th>Str. Code 266</th>
<th>Str. Code 268</th>
<th>Str. Code 270</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefabricated Metal</td>
<td>Prefabricated Metal</td>
<td>Quonset</td>
</tr>
<tr>
<td>Straight Wall</td>
<td>Stant Wall</td>
<td>T1-Wood, T2-Metal</td>
</tr>
</tbody>
</table>

Str. 266, 268 & 270 – Predominant use is storage of machinery and equipment. Other uses, storage of grain, fruit, veg., tobacco and housing of animals.

<table>
<thead>
<tr>
<th>Str. Code 275</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscellaneous Shed</td>
</tr>
<tr>
<td>3 classes 4, 5 &amp; 6</td>
</tr>
<tr>
<td>Base ht. 8’ (no hydro)</td>
</tr>
</tbody>
</table>